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# Steel Market Info

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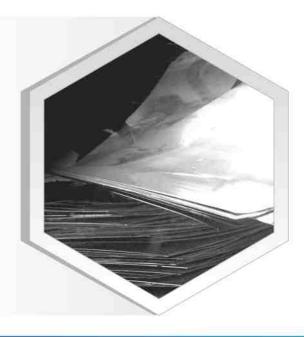
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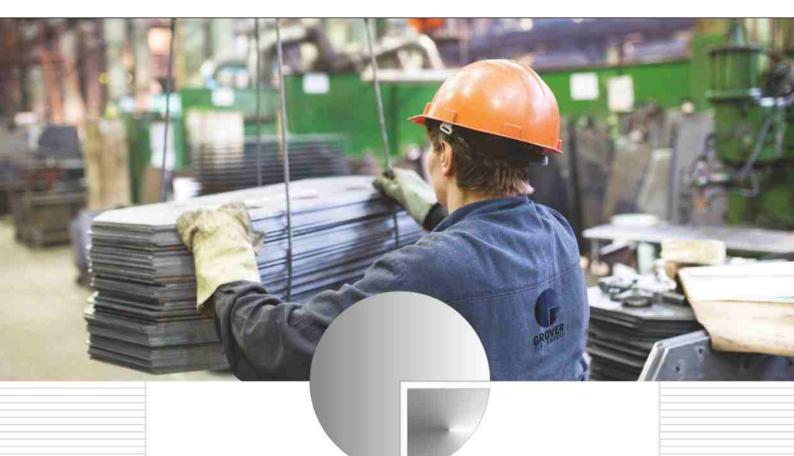
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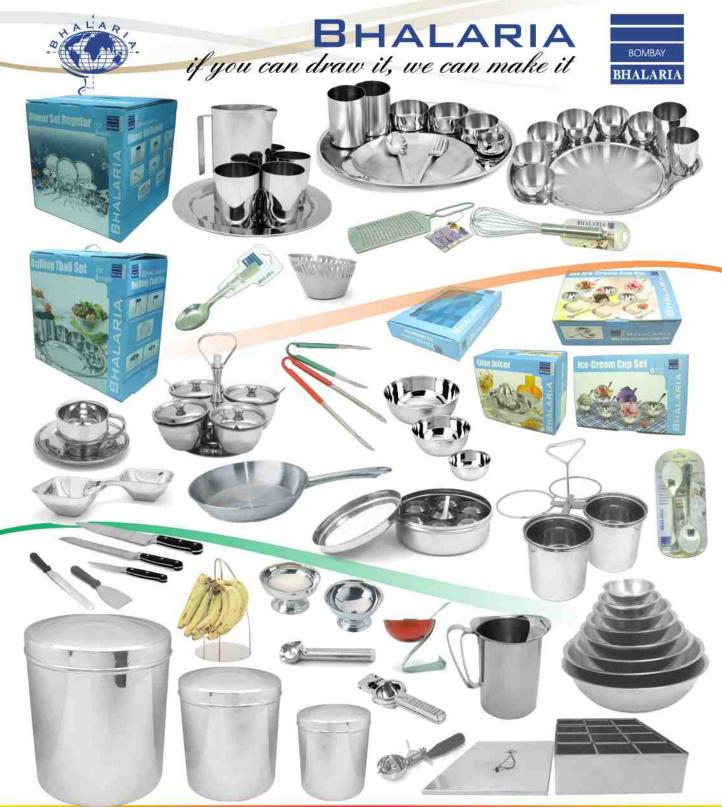
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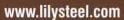
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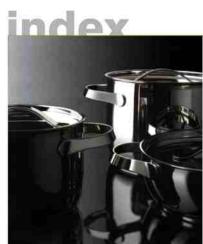








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#### विश्व विकास में स्टेनलैस स्टील का महत्वपूर्ण स्थान

प्रिय उद्यमी पाठकगण.

आपके साथ चलते चलते हम पन्द्रहवें वर्ष में प्रवेश कर चुके हैं और जनवरी 2015 का संस्करण अब आपके हाथों में है। इस अंक के साथ हम आपके सभी नये और प्रारम्भ से जुड़े उद्यमी पाठकों को नववर्श की शुभकामनायें व निरतंर साथ जुड़ने के लिए धन्यवाद प्रस्तुत करते हैं।

इस संस्करण के ध्यैय की ओर बढ़ते हुए और इतने समय से आपके सम्पर्क में होते हुए हमने सदैव स्टेनलैस स्टील के उत्पाद, निर्माण व उपयोग के प्रसंग पर उपलब्ध ज्ञान के प्रचार व प्रसार की ही बात की है। जोकि वास्तव में एक विलक्षण धातु है और बड़ी आसानी से पुरानी धातुओं को अपने मार्ग से हटाता जा रहा है। आज स्थिति यह है कि सभी विकसित राष्ट्र अमेरिका, यूरोपिय देश, चीन, जापान, फ्रांस, भारत या युं कहें पूरा विश्व स्टेनलेस स्टील के उपयोग के लिए अपनी आतूरता दर्शा रहा है, और इस धातु का विज्ञान तथा तकनीकी अभिलेखों ने जिस पर हमारी आधुनिक सभ्यता खड़ी है ने भी दढ़ता से सराहा है।

आज स्टेनलैस स्टील उत्पादक व स्टेनलैस स्टील एप्लीकेशनों पर आश्रित समुदाय चाहे फेब्रीकेटर हो उत्पादक हो, आर्कीटेक्ट हो या फिर डिजाईनर सभी अनुभव कर रहे हैं की स्टेनलैस स्टील के बारे में उपलब्ध ज्ञान का प्रचार-प्रसार अन्तिम उपभोक्ता तक पहचाया जाए और सिर्फ यही परिश्रम स्टेनलैस स्टील के प्रयोग, उपयोग व खपत को बड़े पैमाने तक बढ़ाने में सहायक सिद्ध हो सकता है।

स्टेनलेस स्टील ने सभी धातुओं और एलॉयज को बेदखल कर दिया है और आज उसके सामने कोई स्पर्धा करने वाला मौजूद नही है। स्टेनलैस स्टील ने आधुनिक विकास में लगे धुरन्धरों, आधुनिक सभ्यता के निर्माताओं को शक्ति सम्पन्न बना दिया है और मनुष्य उसके रूप, गुण, लक्षण व विशेशताओं पर आसक्त हो चुके हैं। अब सिद्ध हो चुका है कि स्टेनलेस स्टील ही एक मात्र धातु है जो अन्य धातुओं के समक्ष आ रही है। मुसीबतों से छुटकारा दिलाने में और जिन कठिनाओं ने अन्य धातुओं को नकारा साबित कर दिया है हमारा तो यह मानना है कि स्टेनलैस स्टील आधुनिक सभ्यता का कवच है।

स्टील मार्केट इन्फो प्रचार–प्रसार की बी–2–बी व्यवसाय की एग्जिबशन की प्रतिवर्श की श्रुंखला में अपना 5वां स्टेनलेस स्टील हाउसवेयर शो 2015 आगामी 12-14 जुलाई को चैन्नई में अयोजन करने जा रहा है। आप भी अपने उत्पादनों का स्टॉल लेकर प्रदर्शन कर एक नई पहचान बना कर, व्यवसाय को गति प्रदान कर सकते हैं या विजिट कर निर्माताओं से सीधा सम्पर्क कर भी व्यपार को बढ़ा सकते हैं। इस अंक में भारत के स्टनेलेस स्टील उद्योग के अतीत वर्तमान व भविष्य की संक्षिप्त जानकारी दी गई, जो कि आपको भारत के स्टेनलेस स्टील के इतिहास का संक्षिप्त जानकारी प्रदान करेगा। हमेशा की तरह हमारे प्रकाशन पर आपकी प्रतिक्रियाओं का स्वागत

एकबार पुनः नववर्ष की शुभकामनाओं के साथ।

#### Importance of Stainless Steel for development

With season's greetings now "Steel Market Info" has completed 14th years of dedication to development of stainless steel and it applications through regular print editions and exhibitions. This is the first issue of 15th years for the month of January 2015. We always stand with your kind support in stainless steel developments through our publication. Stainless Steel take place of aluminium, copper, bronze and other materials in lot of segments. America, Europe, China, Japan, France and India also like stainless Steel very much. Presently Stainless steel becomes an important part of human life. Uses of Stainless Steel in large quantity against other materials throughout the world.

In this connection Steel Market Info is going to organize B2B business exhibition's 5th session from 12-14 July 2015 at Chennai. All member, producer, importers, exporters, traders may also take a part in 5th Stainless Steel Houseware Show at Chennai for expansion of your business relation. This edition is fulfil with past, present and future details regarding Stainless Steel. Now we can say this is a historical edition of Stainless Steel. We are awaiting your valuable suggestions.

Once again seasons greeting to all.







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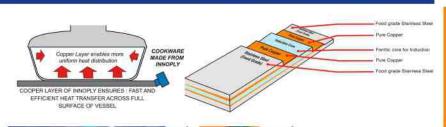
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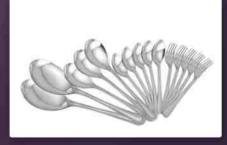












# 100+ Years of Stainless Steel and it's Development in India

- By Mr. N C Mathur President ISSDA

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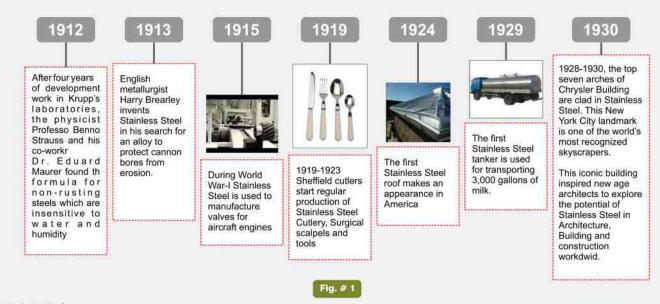
tainless steel was actually discovered to get rid of the rusting formed by moisture on the pipe of the guns, but very frequently it was used to manufacture medical equipments. Grade 304-316 of the stainless steel was used for the manufacturing of surgical equipments. Stainless steel was introduced in India in the same form. It was sent from Japan. The Japanese company Nipone was the first largest company to produce stainless steel. In India, aluminium, copper and bronze utensils were being produced in great quantity. A representative group from Japan visited India and gave training for making surgical equipments to 2-3 units in Chennai and made an agreement with the Indian Government that Japan would

provide grade 304 stainless steel sheets with little to no profit for the manufacturing of surgical equipments.

The government lifted the import duty on terms that only the license holders for manufacturing surgical equipments can import the sheets and they should be wholly used for the purpose of manufacturing surgical equipments only. Stainless steel was majorly used for manufacturing surgical equipments but the manufacturers came up with an idea to use it to make bowls. plates and glasses. But due to government terms the stainless steel can only be used for manufacturing surgical equipments only but still the manufacturing of stainless steel utensils took place illegally. The stainless steel utensils were not accepted easily but later on they became useful. Indian utensil manufacturing company Devilal managed to convince the government to use the imported stainless steel sheets for manufacturing utensils and they were successful.

Devilal company started importing stainless steel sheets from the Japanese vendor Nipone and started the production of utensils in Mumbai. Later on, the surgical equipment unit also started manufacturing stainless steel utensils. Many units in Chennai now make stainless steel utensils in the name of surgical equipments. This is how stainless steel arrived in India.

#### A brief timeline of the evolution of stainless steel around the world



#### **Evolution of Stainless** Steel and its initial growth around the World

t was more than a hundred years ago that stainless steel as a material was discovered and commercially produced. It was a culmination of the efforts put by numerous scientists who researched with chromium alloyed steels. But it was not until the early decades of the 1900s that the first stainless steel was patented and manufactured.

Nothing could have started till in 1797 Nicolas-Louis Vauquelin discovered chromium. Although some progress was made with Chromium alloyed steels but only between 1904-1911 Leon Alexandre Guillet published a research into iron, chromium and nickel alloys that today would be classed as stainless steel. Later in 1910-1911 Philipp Monnartz and William Borchers obtained a German patent for stainless steel. Monnartz published a Study of Iron-Chromium Alloys with Special

Consideration of their Resistance to Acids. He was the first to explain that stainless steel requires at least 12% chromium and a controlled amount of carbon.

The actual birth of Stainless steel has been attributed to following researchers. In 1912. while working for Krupp, Eduard Maurer and Benno Strauss are granted patents on two chromium-nickel stainless steels. The first alloy was a martensitic grade, while the second was an austenitic grade. In 1913, Harry Brearley discovered martensitic chromium stainless steel while seeking a corrosion-resistant alloy for gun barrels. Later he casted the first commercial martensitic chromium stainless steel. In 1915 Brearley obtains Canadian, French and US patents.

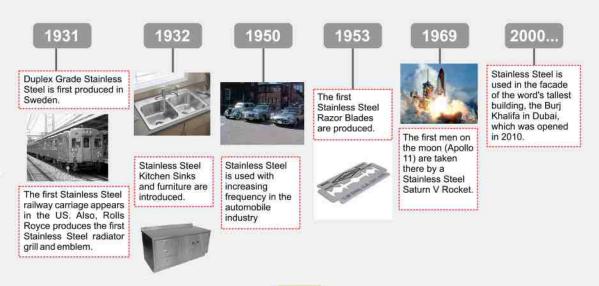
Later during 1919-1923 Sheffield cutlers started regular production of stainless steel cutlery, surgical scalpels and tools. Early stainless tableware

such as dishes and bowls also started to appear at this time.

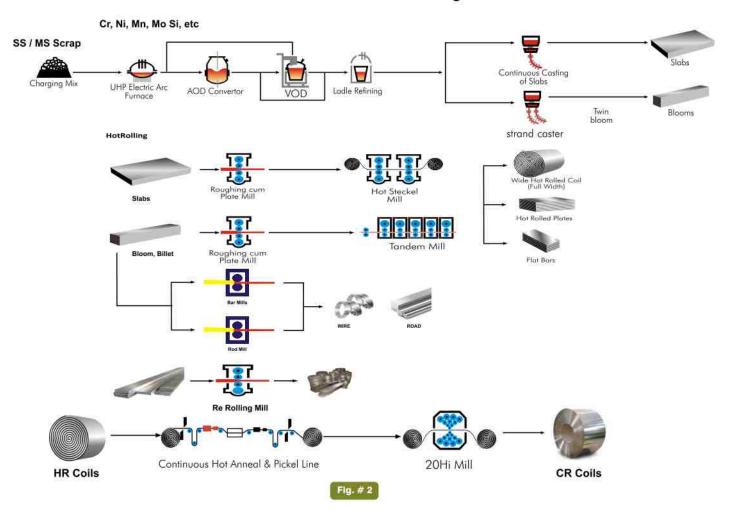
From small beginnings a hundred years ago, stainless steel has grown to be an integral part of our lives. Utilized primarily for its corrosion resistance, stainless steel is also found in applications where strength, innovation and aesthetics are important.

The production volumes of stainless steels started picking up only in 1950s with introduction of hot and cold rolling facilities. Along with the increase in production a number of grades suiting to various environment and applications were also developed later classified into austenito, ferritic, martensitic, duplex and PH grades. Each category has its unique characteristics associated with property of corrosion resistance. Today the modern stainless steel making facilities are capable to produce highest quality grades of stainless steel for applications in most stringent conditions.

#### A brief timeline of the evolution of stainless steel around the world



#### **Overview of Stainless Steel Making Process**



#### Initial Growth of Stainless Steel Industry in India

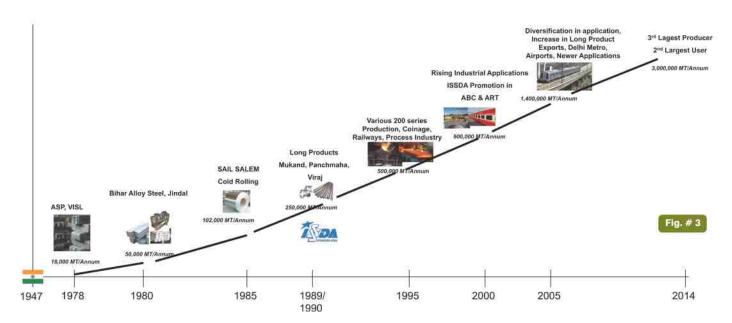
Though stainless steels were initially developed in the first quarter of last century, it was just four decades ago when stainless steel first production started in India and was primarily getting used for pots and pans in kitchen with some exception in engineering use. Till 1978, the production of stainless steel in the country was nil and most of the requirements were met through imports only. It was in 1978, ASP & VISL (Both a part of SAIL now) started producing plates, rounds and billets taking country domestic consumption to 18000 MT per

annum. Production picked up only in 1980s when new producers Bihar Alloy Steel and Jindal Strips (JSL now), G.M. Mittal (Rathi Alloys) entered into the business and started flat bar (called patta now) production suitable for re-rolling to sheets used for utensil industry. Availability of indigenously produced flats accentuated the emergence of new facilities for re rolling near Jagadhari, Jodhpur, Delhi and Ahmedabad. A small growth in deomestic production started to get noticed which reach to 50,000 MT per Annum. Still the lack of indigenous cold rolling facilities to produce wider coils restricted the use of stainless steel to kitchen utensils only. It was only

in 1985 when SAIL (salem) plant started the first cold rolling unit in the country. The production touched 102,000 MT per annum and meanwhile growing demand for the use of stainless steel for utensils allowed to bloom and spread the 'patta' industry in other regions of the country specially in the state of Gujarat and Maharastra.

During 1990 nickel prices increased sharply and it touched to 18000 US\$ /MT and on the top of that there was a 55% import duty levied by government of India at that time. India being fully dependent on import on nickel and nickel still being an important element, since most of the production was in 304 grade stainless steel,

#### **Historical Timeline of Indian Stainless Steel Growth**

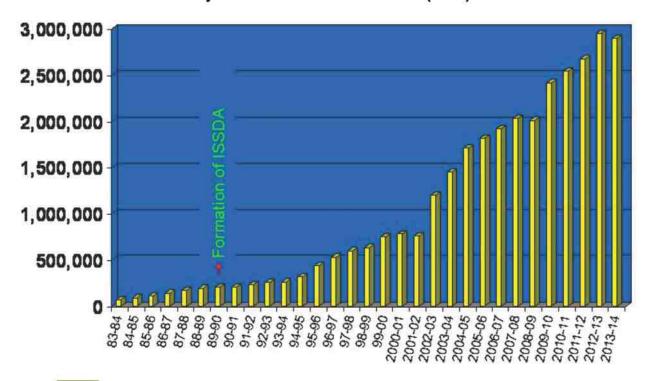


it was almost impossible to continue the growth of stainless steel in the country.

Meanwhile introduction of new technologies for processing stainless steels was coming up for faster and quality production of stainless steel all over the world. Upto mid 60's, the stainless steels were manufactured mostly by Electric Arc Furnace – Ingot Casting - Slabbing and hot rolled to coil/sheets in hot strip/plate-sheet mills. The advent of technologies of AOD/VOD in 1990s allowed the Indian Producers to replace nickel with Manganese and Nitrogen still maintaining the

austenitic structure of stainless steel. Nickel price instability forced Indian producers to research and the birth of a variety of 200 series grades (low in nickel and high in Mn and Nitrogen austenitic stainless steel) took place. Till now, many new producers Mukund, Panchmahal, Facor, Viraj forayed into

#### **History of Stainless Steel Production (tons)**



production of stainless steel long products and started their productions taking over total production of India to 250000 MT.

Although stainless steel industry was growing at a very steady rate in the country but till 1989-1990s more than 90 % of use was still in kitchen and related applications. Meanwhile, western and other developing countries started using stainless steel in more and more applications such as rail coaches, tankers for carrying liquids, pipelines for carrying oil, gas, liquids including potable water, various products for architecture, building and construction.

#### Initial Growth of Stainless Steel Industry in India

In 1988 representative of producers of stainless steel from India were visiting to London on invitation from Ni and Cr producers. At that point in time only four Stainless Steel Development Associations were exiting (Japan, Germany, Italy & South Africa). There has been a marked difference in the stainless steel market development in these countries compared to others that made us think about India. We could feel that a neutral body with the sole purpose of developing a market has larger influence when compared with different organizations working in parallel to increase their market. The excitement paved the way and work started immediately after our return from the UK. Formally ISSDA was born in Nov 1989 as non-profit Organization after long debates and taking in to confidence key manufacturers (seven producers) of stainless steel. This was the time when India was producing meager quantities of stainless steel and nickel prices were hitting the roof. The challenge was tough and not much was in sight as to what could be the way to work on our mission. But we were determined to bring about a revolution in the Indian market. This was the time when the development of Cr-Mn 200 series stainless steel just started.

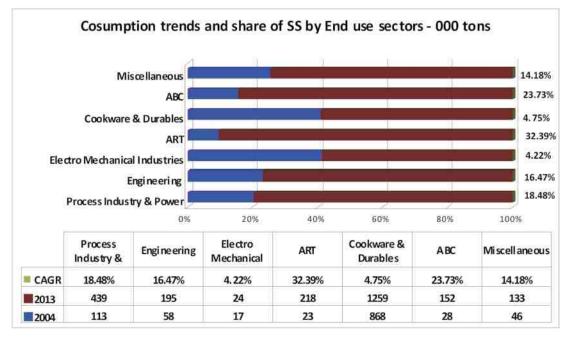
The main objective of ISSDA was to create awareness on the use of stainless steel and help in diversifying the usage of stainless steel in different sectors. ISSDA and its member companies

started its education and promotional activities educating everyone on how the long life on account of good corrosion resistance of stainless steel makes it suitable for many other applications since if wisely used the life cycle cost will result in long term good saving. In the last two decades, stainless steel has undergone a tremendous change in perception and production volumes in India. ISSDA has been successful in creating the awareness and changed the perception on stainless steel being seen as a material good only for kitchenware, it is now seen as a wonderful engineering material that lasts for decades and gives you value for money.

Today we see use of stainless not only in kitchen but in Indian Railways & Metro Rail Coaches, Wagons, tankers, various products for building & construction & process Industry but also in sectors such as Nuclear, Power, Oil & gas where high quality & grades that are indigenously produced, supplied and are being used.

The chart shows how in the last decade the end-use application of the stainless steel in the country evolved.

Fig. # 5



#### Present Production and Consumption trend of stainless steel by End Use Sector in India

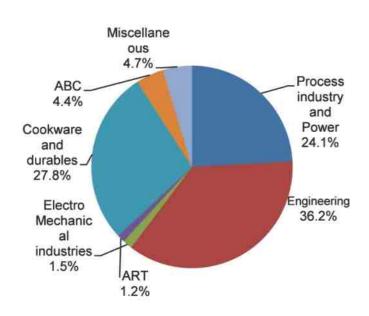
The world Crude Stainless Steel production in 2013 is estimated over 38 million tons. The world production has grown at a CAGR of 5 % pa over the last 10 years. Asia has strongly emerged as both the world's largest stainless steel producer and user. Although China dominates the production of stainless steel accounting for more than 50% share of world production, India has been a part of this impressive growth with its production reaching 3 million tons in 2013 making it the 3th largest producer and 2nd largest user of stainless steel in the world. The average growth in India has recorded a CAGR of over 10 % over the last 10 years which is

more than a double the world average growth during the period.

The main Stainless Steel consuming segments can be classified into 6 to 7 broad categories e.g. Metal products, Process and Engineering industries products; Electro mechanical and electronics: Construction, Transportation and others including medical, blades, coins etc. Out of these Metal products. Process Industries and Engineering goods etc are relatively mature application areas whereas areas like construction and automobile are still evolving in the country and have great future potential for growth. Fig. 3 & Fig. 4 present the consumption patter of stainless steel flat and long products by major market sectors

respectively. Here it is worth noting that all sectors have increased their share of consumption at the expense of Metal good segment. Traditionally metal good sector including utensils and cookware has been the largest consuming sector of Stainless Steel in the country now accounting for 52% share of the overall consumption of stainless steel down from 75% in 2004. The single biggest contributor to this segment is the utensils/cookware which has grown at only 4.5% annually due to its already high level of penetration and its direct linkage with population growth. Almost 83% of the consumption of stainless steel in metal good sector is accounted by very low Nickel austenitic stainless steel flats popularly known as 'Patta'.

#### Consumption of Stainless Steel Flats (right) / Long (left) by End Use



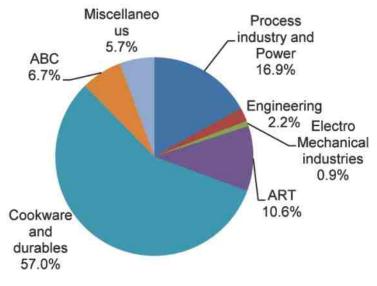
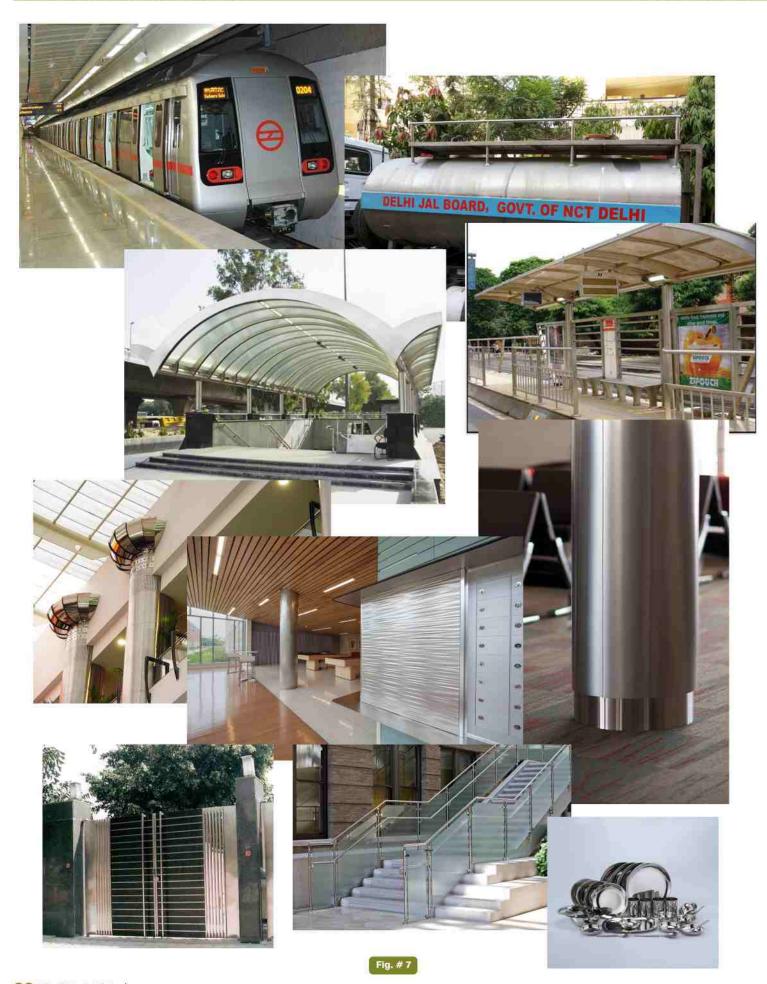


Fig. # 6



The automotive, railway and transport (ART) sector is now emerging as the fastest consumption segment of Stainless steel in the country. This segment has grown the fastest 32.39% over the last 8 years propelled by large requirements from railway wagon, coaches and automotive exhausts. The Indian automobile industry has grown rapidly in the past with India emerging as a major hub for small cars. All major international players are having their presence in India. Auto exhausts has been the major consumption segment for Stainless steel in this sector followed by disk brakes, cylinder head gaskets and exhaust manifold gaskets. Almost entire requirement for stainless steel to be used for auto sector in the country is of 409 L grade. Railways too have emerged as the largest consuming segment of Stainless Steel in the ART. Railways are procuring about 2500 coaches and 12000 wagons annually of stainless steel where a mix of 300 series and 400 series stainless steel grades are being used. This procurement cycle is expected to continue for next several years as the railways have plans to switch over to stainless steel for all its coaches for all luxury trains. Besides this there has been rapid growth in demand for

metro coaches in the country and is expected to grow manifolds.

One of the new emerging segments for stainless steel consumption is the architecture, building and construction (ABC) sector. The ABC sector is mostly driven by growth in Indian real estate sector consisting of residential real estate, commercial real estate, retail space, entertainment space, hospitality projects and SEZs. All high quality construction projects like retail outlets, shopping malls, multiplexes, Airports, Rail Metros, IT parks, Commercial Complexes, Hotels, Fast food restaurants, High Quality Residential accommodations. Hi tech town ships and showrooms etc in the country today are finding big outlet for stainless steel in different ways and product forms such as Railings, Roofings, Barriers, signages, claddings and building facades. In all these construction, stainless steel is penetrating in place of conventional materials like steel, glass, plastics, aluminium composites etc.

Process industry historically has been consistent consumer of Stainless steel. Stainless steel is used in wide ranging process industries including Refineries, Petrochemical,

Chemicals, Dairy, Power, Textile, Sugar, Food processing, Distilleries, Fertilizer, Cement, Drugs, Paper and pulp and others. This sector mainly consumes 300 series grade of stainless steel. The process and engineering industry requirement has increased over the years and is tied with the health of the general economy and investments in projects. Major share of the consumption within process industry is accounted by Heat exchangers, pressure vessels, reactors and columns etc.

From being a very insignificant player in the world market about a decade ago to become world third largest producer the Indian market has demonstrated a steady growth in the past years. Maintaining this positive trend will require a lot of marketing and development activities. The efforts should be made to ensure that the use of Stainless Steel in infrastructure should be made mandatory by planning commission and specified in the standards. There is a need to create awareness among designers, specification writers about the benefits of stainless steel to reduce the level of ignorance about the material and thus, create new application areas using the life cycle cost benefits of specifying material.

#### स्टेनलेस स्टील की शताब्दी एवं इसकी भारत में विकास यात्रा

– एन. सी. माथुर (अध्यक्ष ISSDA)



रिटे नलेस स्टील की खोज वास्तव में मनुष्य की जान लेने वाली बन्दूक की लोहे की नली में नमी व खारेपन से लग जाने वाले जंग से छुटकारा पाने के लिए की गई थी लेकिन शीघ्र ही इसका उपयोग मानव जीवन की रक्षा के लिए मेडिकल में ऑपरेशन के दौरान प्रयुक्त होने वाले सभी उपकरणों में होने लगा। ऑपरेशन उपकरणों में 304 से 316 ग्रेंड के स्टेनलेस स्टील का उपयोग होता था। भारत में स्टेनलेस स्टील का आगमन इन्हीं उपकरणों के रूप में हुआ। जिसे जापान ने भारत में भेजा। जापान की निपोन कम्पनी स्टेनलेस स्टील बनाने वाली पहली बड़ी कम्पनी थी। भारत में एल्यूमिनीयम, तांबा, पीतल के बर्तनों का निर्माण अच्छी मात्रा में व शानदार तरीकों में होता था। जापान के एक प्रतिनिधि मण्डल ने भारत का दौरा किया और चैन्नई में दो-तीन इकाईयों को सर्जिकल इक्यूपमेन्ट बनाने की ट्रेनिंग दी गई तथा भारत सरकार के साथ एक करार किया गया कि सर्जिकल इक्यूपमेन्ट बनाने के लिए जापान 304 ग्रेड की शीट, नाम मात्र प्रोफिट के साथ जीवन रक्षक उपकरणों के निर्माण के लिए देगा और भारत सरकार ने भी आयात ड्यूटी नहीं लगाने का करार किया। लेकिन शर्त यह रखी गई कि जिस व्यक्ति के पास सर्जिकल इक्यूपमेन्ट बनाने का लाईसेन्स हो वही आयात कर सकता है। उस समय बहुत सतर्कता बरती जाती थी कि वास्तव में इस शीट का सर्जिकल इक्यूपमेंट में उपयोग हो रहा है या नहीं। यहां ज्यादातर ऑपरेशन इक्यूपमेन्ट का निर्माण होता था, स्टेनलेस स्टील की सुन्दरता से सर्जिकल इक्यूपमेन्ट बनाने वालों के दिमाग में आया कि क्यों नहीं हम इस का प्रयोग कटोरी, थाली, ग्लास आदि बनाने में करें। उस समय यह प्रतिबंधित शीट होती थी इसलिए चोरी छुपके थाली, ग्लास, कटोरी का निर्माण होने लगा। पहले लोगों ने उपयुक्त नहीं समझा लेकिन

धीरे धीरे चलन आरम्भ हो गया। भारत के स्टेनलेस स्टील के बर्तन बनाने वाले देवीलाल कम्पनी ने प्रयास कर सरकार से आयात के लिए सर्जिकल शब्द निकलवा दिया। निर्माता ही सिर्फ आयात कर सकता था देवीलाल ने जापान की निपोन कम्पनी से शीट आयात कर बहुत बर्तनों का निर्माण किया उस समय वह मुम्बई में थी। फिर सर्जिकल इक्यूपमेन्ट बनाने वाली इकाई भी ये बर्तन बनाने लगी। चैन्नई में आज सर्जिकल इक्युपमेन्ट के नाम से कई इकाईयां बर्तन बनाती हैं। इस प्रकार भारत में स्टेनलैस स्टील का आगमन हुआ।

#### स्टेनलेस स्टील का संसार में प्रारंभिक विकास

लगभग 100 साल से भी अधिक समय पहले स्टेनलेस स्टील की खोज हुई और इसका व्यवसायिक उत्पादन शुरू हुआ। इसकी प्रकाष्टा पर अनेकों वैज्ञानिकों ने शोध किया और इसका परिणाम उन्हे एलॉयड स्टील के रूप में मिला। सन 1900 के प्रारम्भिक दशकों में इसका पेटेंट और निर्माण नहीं था।

सन 1797 में निकोलस लुइन वॉकेलिन ने क्रोमियम की खोज की। हालांकि सन् 1904 से सन् 1911 के दौर में इसमें कुछ प्रगति हुई और क्रोमियम एलोयड स्टील के साथ बनाया गया। इसी दौर में लियोस एलेक्जेण्डर गुइस्ट ने लोहा, क्रोमियम और निकल के मिश्रण से शोध कर स्टेनलेस स्टील का निर्माण किया। इसके बाद सन् 1910–11 में फिलिप मोनार्टज और विलियम बॉर्शर ने स्टेनलेस स्टील के लिए जर्मनी में पेटेंट प्राप्त

किया। मोनार्टज ने एक शोध पत्र प्रकाशित किया जिसमें लोहा, क्रोमियम एलोयज के साथ प्रतिरोधक क्षमता के बारें में विचार प्रकट किये। वह पहले व्यक्ति थे जिन्होंने स्टेनलेस स्टील के कम से कम 12% क्रोमियम और कार्बन की निश्चित मात्रा की आवश्यकता पर व्याख्या की।

स्टेनलेस स्टील के वास्तविक निर्माण का सम्बन्ध कई शोधकर्ताओं से है। सन 1912 में एडवर्ड मोरर और बेल्नो स्ट्रॉस ने काम करते हुए दो क्रोमियम निकल पर पेटेंट प्राप्त किया। जबिक पहली मिश्रित धातु मर्टेन्सिटिक श्रेणी और दूसरी ऑस्टेन्टिक श्रेणी की थी। सन् 1913 में हेरी ब्रेरले ने मार्टेन्स्टिक क्रोमियम स्टेनलेस स्टील की खोज की जब बन्दूक की नली के लिए जंग रोधी धातु की जरूरत थी। अतः उन्होने प्रथम व्यवसायिक स्टेनलेस स्टील तैयार कर ही लिया। सन 1915 में ब्रेरले ने कनाड़ा, फ्रांस और से U.S. से पेटेंट प्राप्त करने में सफलता हासिल की।

सन 1919—1923 की अवधि में शेफिड कटलर ने स्टेनलेस स्टील के कटलरी, सर्जिकल उपकरण और औजार इत्यादि का नियमित उत्पादन शुरू किया। जल्द ही स्टेनलेस स्टील के टेबलवेयर (बर्तन) जैसे डिश, बॉउल इत्यादि का निर्माण भी शुरू हो गया जो आज भी जारी है। (रेखा चित्रः 1)

100 साल पहले की एक छोटी शुरूआत से स्टेनलेस स्टील मानव जीवन का एक अभिन्न हिस्सा बन गया है। आज के युग में स्टेनलेस स्टील का मानव जीवन में हर क्षेत्र में विभिन्न प्रकार से उपयोग होता है।

अधिक मात्रा में स्टेनलेस स्टील का उपयोग सन् 1950 के दशक से होने लगा जब गर्म और कॉल्ड रोलिंग की सुविधा की शुरूआत हुई। धीरे—धीरे इसके अनेक उपयोगों के लिए अनेक ग्रेड में वर्गीकृत किया गया। वातावरण के अनुरूप इसे ऑस्टेनिट्क, फेरिटिक,

मेरलेस्टिक, डुप्लेक्स और PH जैसी श्रेणियों में वर्गीकृत किया गया। इसकी एक अनूठी विशेषता यह रही कि प्रत्येक श्रेणी में जंग रोधी पाया गया। आज आधुनिक स्टेनलेस स्टील उच्चतम गुणवत्ता वाली श्रेणी का उत्पादन कहलाता है। (मिल उत्पाद बनाने की आसान प्रक्रिया भारत में स्टेनलेस स्टील उद्योग का प्रारम्भिक विकास, रेखा चित्रः 2)

#### भारत में स्टेनलेस स्टील उद्योग का प्रारम्भिक विकास

यद्यपि स्टेनलेस स्टील पिछली सदी की पहली तिमाही में विकसित हुआ है। हालांकि भारत में इसका उत्पादन कुछ अपवाद के साथ रसोई के कुछ बर्तनों के निर्माण से लगभग चार दशक पहले हुआ था। सन 1978 तक हमारे देश में स्टेनलेस स्टील का उत्पादन केवल नाममात्र का था और जरूरत के मुताबिक इसका आयात भी होता था। सन 1978 में (ASP और VISL) (दोनों स्टील ऑथोरिटी ऑफ इण्डिया के भाग) ने प्रतिवर्ष 18000 मेट्रिक टन उत्पादन घरेलु खपत के अनुसार शुरू किया। उत्पादन 1980 के दशक में और बढा जब नये निर्माता के रूप में बिहार एलॉय स्टील और जिन्दल स्ट्रीपस (JSL) जी.एम. मित्तल (Rathi Alloys) ने अपना कदम रखा और स्टेनलेस स्टील पट्टा निर्माण के साथ रि-रॉलिंग शीट का उपयोग बर्तन इकाईयों के उपयोग हेतू करना प्रारम्भ किया। रि-रॉलिंग पट्टा जगाधरी, जोधपुर, दिल्ली और अहमदाबाद में उपलब्ध होने लगा। तब से घरेलु उत्पादन में 50000 मेट्रिक टन प्रतिवर्ष का आंकड़ा पहुँच गया। स्वदेशी कोल्ड रोलिंग की सुविधा विस्तृत निर्माण प्रतिबंधित कॉयल का उपयोग स्टेनलेस स्टील के रसोई बर्तन बनाने के लिए स्टील ऑथोरिटी ऑफ इंडिया (Salem) ने देश में पहली इकाई 1985 में शुरू की। इसके बाद उत्पादन 102000 मेट्रिक टन प्रतिवर्ष पहुँच गया। इसके बाद पट्टा इकाई को अन्य क्षेत्रो में भी विशेषकर गुजरात व महाराष्ट्र में अनुमति दी जाने से और विकास हुआ।

वर्ष 1990 के दौरान निकल के भाव तेजी से बढे और लगभग 18000 US डॉलर प्रति मेट्रिक टन को छूने लगे तब भारत सरकार ने 55% आयात मुद्रा में छूट प्रदान की। तेजी से बढे इन भावों के कारण पूर्ण रूप से आयात पर निर्भरता बढ गई और स्टेनलेस स्टील व्यापार के देश में फलने फूलने पर संकट के बादल मण्डराने लगे। (भारतीय स्टेनलेस स्टील की ऐतिहासिक टाइम लाईन ग्रोथ, रेखा चित्र:3)

धीरे धीरे आधुनिक प्रणाली से स्टेनलेस स्टील निर्माण तेजी से गुणवत्तायुक्त उत्पादन होने लगा। 60 के दशक के मध्य तक स्टेनलेस स्टील इलेक्ट्रिक आर्क फर्नेस से ज्यादातर निर्मित किया गया। 1990 के दशक में AOD/VOD की प्रोद्योगिकी के आगमन ने भारतीय निर्माताओं को मेगनीज और नाईट्रोजन स्टेनलेस स्टील को निकल से बदलने का अवसर दिया। निकल के मूल्य में अस्थिरता ने भारतीय निर्माताओं को शोध करने पर मजबूर किया जिसका परिणाम 200 श्रेणी ग्रेड की एक किस्म का जन्म हुआ। कई नये निर्माता जिनमें मुकुन्द, पंचमहल, फेसर विराज स्टेनलेस स्टील के लम्बे उत्पादों ने उत्पादन में कदम रखा और 25000 MT उत्पादन शुरू हुआ।

स्टेनलेस स्टील उद्योग देश में एक स्थिर गित से बढ़ रहा है। लेकिन 1989—1990 में 90% से अधिक स्टेनलेस स्टील का उपयोग रसोई व इससे संबंधित बर्तनों के निर्माण में हुआ। हालांकि पश्चिमी और अन्य विकसित देशों में स्टेनलेस स्टील का उपयोग अनेक रूप में किया जाने लगा जैसे रेल के डिब्बे, तेल टेंकर, गैस व तेल के लिए पाईपलाइन, पानी टेंकर, विभिन्न प्रकार के मॉडल, भवन निर्माण में उपयोग होने लगा है। (स्टेनलेस स्टील उत्पादन का इतिहास (टनो में), रेखा चित्र:4)

1988 में भारतीय स्टेनलेस स्टील निर्माताओं के प्रतिनिधि ने Ni और Cr के निमन्त्रण पर लन्दन का

दौरा किया। उस समय मात्र चार स्टेनलेस स्टील डवलपमेंट एसोशिएशन सामने आई जो जापान, जर्मनी, इटली और दक्षिण अफ्रीका की थी। इन देशों में आपस में तुलना करने पर स्टेनलेस स्टील व्यापार में खासा अन्तर नजर आया और हमें भारतीय स्टील बाजार के बारे में सोचने पर मजबूर किया। हमने अपने बाजार को बढाने के लिए समानान्तर काम कर रहे विभिन्न संगठनो के साथ तूलना में जब एक बाजार विकसित करने के एक मात्र उद्देश्य के साथ प्रभाव महसूस किया। उत्साह का मार्ग प्रशस्त हुआ और ब्रिटेन से हमारी वापसी के तुरन्त बाद हमने इस पर सघन रूप से कार्य शुरू कर दिया। नवम्बर 1989 में ISSDA नामक नोन प्रॉफिट संगठन का गठन गहन विचार-विमर्श और लम्बी बहस के बाद किया गया। यह वह समय था जब भारत स्टेनलेस स्टील निर्माण का बहुत बड़ा केन्द्र था और निकल की कीमतें आसमान छू रही थी। हमारे मिशन के लिए यह एक कठिन चुनौती थी। हमें भारतीय स्टेनलेस स्टील उद्योग को जीवित रखना था। उस समय Cr-Mr की लगभग 200 श्रेणियों का विकास हुआ।

ISSDA का मुख्य उद्देश्य स्टेनलेस स्टील के उपयोग के प्रति जागरूकता पैदा करना और विभिन्न क्षेत्रों में स्टेनलेस स्टील के उपयोग में मदद करना था। ISSDA और इसकी सदस्य इकाईयों ने जागृति के लिए शैक्षिक गतिविधियों के माध्यम से आमजन को यह बताने का प्रयास किया कि स्टेनलेस स्टील का उपयोग किस तरह से किया जाना चाहिए और इसके क्या क्या फायदे है। पिछले दो दशकों में तो अभूतपूर्व बदलाव देखने को मिले है। ISSDA अपने मिशन में कामयाब रहा और यह साबित कर दिया कि स्टेनलेस स्टील न सिर्फ रसोई तक सीमित है। स्टेनलेस स्टील एक खूबसूरत इन्जीनियरिंग मेटेरियल है जो आपकी रकम का सही मूल्य देता है।

आज हम केवल रसोई घर तक सीमित नहीं रहे। भारतीय रेल व मेट्रो रेल कोच, वैगन, टेंकर, भवन एवं निर्माण और परमाणु, पावर, ऑयल व गैस जहाँ उच्च गुणवत्ता वाले स्टेनलेस स्टील का उपयोग बहुतायत होने लगा है। यह सभी हमारे देश में निर्मित हो रहा है और यहीं खपत भी हो रहा है। (रेखा चित्र: 5)

#### भारत में अन्तिम उपयोग सेक्टर से स्टेनलेस स्टील उत्पादन व उपयोग की प्रवृत्ति

2013 में दुनिया में क्रूड स्टेनलेस स्टील का उत्पादन 3.8 करोड टन से अधिक होने का अनुमान है। पिछले 10 सालों में दुनिया भर में 5% तक CAGR में बढोतरी देखी गई थी। एशिया दुनिया का सबसे बड़ा स्टेनलेस स्टील निर्माता व उपयोगकर्ता है। चीन भी विश्व में स्टेनलेस स्टील उत्पादन का 50% से अधिक का उत्पादन कर रहा है। वहीं भारत 2013 में 3 लाख टन तक पहुंच गया। इस प्रकार विश्व में भारत तीसरा सबसे बड़ा निर्माता और दूसरा सबसे बड़ा उपयोगकर्ता बन गया है। भारत में औसत वृद्धि दर के CAGR अनुसार 10% पिछले 10 वर्षो में रहा है।

मूल रूप से खपत को 6-7 व्यापक श्रेणियों में बांटा जा सकता है। जैसे- धातु उत्पाद, प्रक्रिया और इंजीनियरिंग उद्योगो के उत्पाद, इलेक्ट्रो मेकेनिकल -इलेक्ट्रोनिक, कंस्ट्रक्शन, ट्रांसपोर्टेशन, मेडिकल, सिक्के इत्यादि। इसके अलावा मेटल उत्पाद, प्रक्रिया व इण्डस्ट्रीज के इंजीरियरिंग सामग्री इत्यादि भी मुख्य है। साथ ही परम्परागत रूप से बर्तन और कुकवेयर का देश में स्टेनलेस स्टील का सबसे ज्यादा उपयोग हो रहा है जो कि सम्पूर्ण स्टेनलेस स्टील खपत का 75% में से 52% भाग है। केवल आज बर्तन / कुकवेयर में 4. 5% की बढोतरी हुई वहीं तकरीबन 87% स्टेनलेस स्टील की खपत पट्टा उद्योग पूरी करता है। (स्टेनलेस स्टील फ्लेटस / लॉंग्स की खपत रेखा चित्र:06)

देश में ओटोमोटिव, रेलवे व ट्रांसपोर्ट (ART) क्षेत्र में स्टेनलेस स्टील खपत में तेजी से विस्तार हो रहा है। पिछले 8 सालों में इस क्षेत्र में 32.39% तक की बढोतरी दर्ज की गई है भारतीय ओटोमोबाइल उद्योग में भी स्टेनलेस स्टील की खपत बढ़ रही है। क्यों कि भारत छोटी कारों का विशाल हब बन गया है। ऑटोमाबाइल उद्योग में स्टेनलेस स्टील की खपत ब्रेक डिस्क, सिलेण्डर हेड गास्केट इत्यादि। अधिकांशतः ऑटोमोबाइल्स सेक्टर में 409L ग्रेड का स्टेनलेस स्टील काम में लिया जाता है। रेलवे भी खुद जो अपने आप में बहुत बड़ा स्टेनलेस स्टील का उपयोगकर्ता है औसतन 2500 रेलडिब्बे और 12000 मालगाडी के डिब्बों का निर्माण करने में 300 और 400 सिरीज ग्रेड का स्टेनलेस स्टील काम में लिया जाता है। रेलवे नए बनने वाले लक्जरी कोचों के निर्माण में भी स्टेनलेस स्टील का ही पूर्ण रूप से उपयोग कर रहा है। इसी के साथ मेट्रो रेलवे कोचों की मांग भी दिनों दिन बढती जा रही है और अधिक मांग बढ़ने की सम्भावना हैं। हाल ही में स्टेनलेस स्टील का उपयोग आर्किटेक्चर. भवन, निर्माण में भी होने लगा है। इस क्षेत्र में तेजी से ग्रोथ हो रहा है। जिसमें रहवासीय रीयल एस्टेट, कॉमर्शियल रीयल एस्टेट, रिटेल स्पेस, मनोरंजन स्पेस. हॉस्पीटललिटी प्रोजेक्टस और सेज इत्यादि मुख्य है। उच्च श्रेणी के सभी निर्माण जैसे रिटेल आउटलेट्स, शॉपिंग मॉल्स, मल्टीप्लेक्स, एयरपोर्ट, रेल मोटर्स, आईटी पार्क कॉमर्शियल कॉम्लेक्स, होटल्स, फास्ट फूड रेस्टोरेन्ट, टाउनशिप, शॉरूम इत्यादि में विभिन्न प्रकार के उपकरण या वस्तूएं स्टेनलेस स्टील की पाई जाती हैं जिनमें रेलिंग, रूफिंग, बेरियर्स, साइनबोर्ड, इत्यादि अन्य कई वस्तुएं फर्निचर वगैरह सभी कुछ स्टेनलेस स्टील का पाया जाता है।

इण्डस्ट्री का प्रोसेसः स्टेनलेस स्टील का उपयोग बड़े पैमाने पर होने लगा है जिनमें औद्योगिक इकाईयां, रिफाइनरियां, पेट्रो केमिकल्स, डेयरी, पॉवर, टेक्सटाइल्स, सुगर, फूड प्रोसेसिंग, फर्टिलाजर,

सीमेन्ट उद्योग इत्यादि सभी स्टेनलेस स्टील पर निर्भर नजर आते हैं। इन सेक्टरों में लगभग 300 सीरिज ग्रेड का स्टेनलेस स्टील प्रयुक्त होता है। स्टेनलेस स्टील का इस प्रकार उपयोग एक ऐतिहासिक उपयोग कहलाता है तथा सामान्य अर्थव्यवस्था से भी जुड़ा हुआ 書1

एक दशक पूर्व दुनिया के तीसरे सबसे बड़े उत्पादक भारतीय स्टेनलेस स्टील बाजार ने वृद्धि दर्ज कराने में सफलता प्राप्त की। इसी ट्रेण्ड को बरकरार रखने के लिए कई प्रयत्न और नए शोध करने की जरूरत पेश आती है। इसके साथ ही यह भी प्रयास किये जा रहे हैं कि जागरूकता लाने के साथ साथ विभिन्न डिजाइनों और उन उत्पादों के फायदों के बारे में भी साधारण तरीके से जानकारी उपलब्ध कराई जा सके और समय की मांग और आपूर्ति के अनुरूप नई डिजाइनों पर विशेष ध्यान देने तथा इसकी लागत कम रखने की कोशिश की जाती है।



## Vertical lift

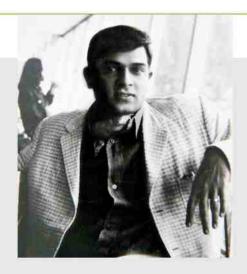
The Spanish company MP supplied and installed the lifts for the luxury Club "La Stejarii", the most outstanding project of its kind in Bucarest, Romania.

Stejarii Club is a multifunctional sports complex with an impressive and innovative design. This leisure installation has a 21,000 m2 constructed surface in 3 different levels. These levels are connected using the MP vertical transport Gearless MPGO!, it has no machine room and it can be completely customized. Another feature is the unique low energy consumption hydraulic lift which is flexible and adapts both for new buildings as well as for refurbishments, it is made completely of crystal glass and stainless

steel, with a singular design.

This exceptional lift is placed in the middle of the main room of the complex. Its configuration is completely customized for Stejarii's wishes. Its crystal glass and stainless steel car is intended to be a benchmark design in the lifts sector.

Source: Inoxidable Acero 74



Born on 11th September 1044 at Jodhpur. Graduated with B. Tech (Hons.) from India's leading University - Birla Institute of Technology and Science (BITS), Pilani in 1966. 1st President of students union in 1964 when BITS, became an independent University.

Worked in India with leading Industrial

#### About N.C. MATHUR

Houses for over 48 years (17 years with the Birla Group and for 31 years with Jindals) and has been associated with Stainless Steel Industry for last 38 years.

President of Indian Stainless Steel Development Association (ISSDA), the market development arm of the industry. Chairman of Steel Furnace Association of India.

Associated for 10 years with the "Market Development Committee" as well as "Economics & Statistics Committee" of ISSF (International Stainless Steel Forum), a global Stainless Steel Industry Association based in Brussels, Europe.

Invited to speak in global Stainless Steel. Nickel and Ferro Alloys Conferences worldwide since 1994. Presented papers in over 30 International events organized by Metal Bulletin, CRU, SMR, ISSF,

Stainless Steel Associations in China, Russia, Japan, S. Korea UK, EU, USA, Brazil, Australia, Thailand, Malaysia, Singapore, and South Africa.

Under Mr. Mathur's leadership ISSDA has occupied high reputation with Government of India Ministries and BIS. as the Technical and Market Development arm of the Industry. ISSDA celebrated 25th year Anniversary with a grand event in Delhi in November 2014

Mr. Mathur received The "Stainless Steel UDYOG RATNA AWARD" in Sept. 2009 from the ALL INDIA STAINLESS STEEL INDUSRTRIES ASSN. Mumbai during its 42nd AGM. He is the first recipient as an Individual Professional of this prestigious Award for his contribution for the Stainless Steel Industry.

#### World's Stainless Steel Dignities - What say about N.C. Mathur!

You are one of the very few personalities that make this industry special. Your knowledge and experience in second to nobody, not only from an Indian perspective, but a global perspective since you always connected the Indian stainless industry with the world. You remember that I always introduced you at our conferences as the 'ambassador of the Indian stainless steel industry' - I think a title that describes you best.

Grateful to have you - and your family - as a friend.

Kind regards.

Markus moll, Managing director, SMR, Austria

My Dear Nirmal

Congratulations! I am so very proud of you. You have achieved Celebrity Status in our industry, both for your interesting and sought after talks to the industry, but also because of your legendary market development efforts.

Salute you on this significant anniversary, I salute your absolute dedication to our industry and your genuine love for what you do and for those whose lives you touch.

With my kindest personal regards,

John Rowe, Secretary General, International Stainless Steel Forum

Dear Nirmal

Congratulations; there are not so many people in our industry who can pride themselves of such a track record. The experience and the personal contacts, which you have built up over the years, are a treasure that is valuable to the world stainless steel community.

Best regards,

EURO INOX, Thomas Pauly, Managing Director, Brussels.

Nirmal.

Congratulations on this important milestone on behalf of the Nickel Institute. We thank you and ISSDA for the great work you have done to advance the use of stainless steel in India.

Best regards,

President, Nickel Institute Belgium

Congratulations for your 38 years involvement with stainless steel! Also our company has a similar life-time in stainless now and so it is showing for how long we have enjoyed contacts with you.

We would be interested to know more about the report on India + stainless you plan to publish shortly. Kindly put us on the list for information!

With best regards and wishes. Also from Heinz and Gerhard,

Beatrix Pariser-Nowak, Germany

Dear Mr Mathur

Congratulations! You were one of the first names I noticed in my lists when I arrived here ten years ago and I am very glad you are still on my lists and I have had the opportunity to meet you! I do hope you will stay for at least another 10 years!!

With my very best regards Jo CLAES (Ms) Administration and Communications International Stainless Steel Forum, Brussels in association with





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Abhyuday Jindal, Promoter, Jindal Stainless Ltd., India

Yatinder Suri, Country Head, Outokumpu India Pvt Ltd., India

Rakesh Chauhan, Vice President Sales and Marketing, Viraj Stainless Steels Ltd., India

Sunil Nair, Deputy Chief of Research and Development, Mukand Ltd., India

Bharat Mandloi, Managing Director, Cronimet ABCOM Pte Ltd., Singapore

Philippe Richard, Secretary General,

ICDA - International Chromium Development Association, France

Anil Shah, President, Ni-Met Metals & Minerals Inc., Canada

N.C. Mathur, Advisor, JSL Stainless Ltd.;

President, Indian Stainless Steel Development Association, India

Oswald Wolfe, CEO, Bahru Stainless, Malaysia

RK Goyal, Managing Director, Kalyani Steels Ltd., India

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Bill Zahner, CEO and President, A. Zahner Co., USA

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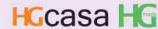
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### Press Conference & The Curtain Raiser - Indinox 2015



#### PRESS CONFERENCE

10 January 2015 at Hotel Fortune Land Mark Mr. Ratan Jindal. Mr. N.C. Mathur Mr. Ugam Raj Hundia, Mr. Hiten Bhalaira, Mr. Ashok Bhansali,



#### **WORLD STAINLESS STEEL ART FESTIVAL**

10 January 2015 at Balaji Hight World Stainless Steel Art Festival Catalogue Inaugurated by Mr. Ratan Jindal, Mrs. Deepika Jindal and Sculpture Manufacturers



#### STAINLESS STEEL SCULPTURE BOOK INAUGURATIONS

10 January 2015 at Balaji Hight

Steel Market Info's Stainless Steel Sculpture Book Inaugurated by Mr. Ratan Jindal, Mrs. Deepika Jindal and Sculpture Manufacturers at Balaji Hight, Ahmedabad Duration of "The Curtain Raiser"

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## The Stainless Steel Link was officially launched by a grand ceremony



he Stainless Steel Link was officially launched by a grand ceremony held at The Tai Mahal Hotel on 21st November 2014. It was a ceremony well attended by representative of Stainless steel industry from all over India. In addition to the launch ceremony, the event boasted to wonderful management teachings from the events Kev note speaker Dr Radhakrishnan Pillai. The audiences were simply awed to hear the age old wisdom of Guru Chanakya put so simply by Mr Pillai. The audience found the Chanakya Neeti not only soothing to the ears but wonderful in application in day to day life as well.

The audience had unexpected learning's about modern retails from the panel discussion between Mr. Aslam Karmali (Ceo Consumer Division - India & International Retail - Eureka Forbes Ltd), Mr. Neelesh Rangwani (FabFurnish.com), Mr. Robert Roh (Vice President Star CJ - TV Network), Mr. Sanjeev Mahuli (Business Head Non Food -Reliance Retail), Mr. Sharad Kumar Saraf (Director -Technokraft Industries . India Limited). The excellent moderation by Mr. Bhushan Lawande contributed significantly to the quality of discussion.

The guest of honor, Mr Abhudaya Jindal - Promoter Jindal Steel made an excellen presentation about how India is facing stiff competition from overseas countries and how we should all come together and tackle this challenge head on.

Executive Members from ISDO made a wonderful presentation inviting everyone INDINOX 2015 The event culminated by a wonderful opportunity for everyone to network in addition to the sumptuous food.



## **ISSDA** Celebrates 25 Year Anniversary





ndian Stainless Steel Development Association, representing leading stainless steel producers and various intermediary industry and users of stainless steel in the country, celebrated 25 successful years of formation in a grand event held in Delhi on 6-7th November 2014. This event was attended by more than 200 delegates comprising leaders from stainless steel industry, chrome, nickel and molybdenum industry.

The event was a crowning moment of the collective hard work, dedication and focused effort of the association and its member companies in diversifying the applications of stainless steel in India and

increasing usage volumes in the country.

Distinguished speakers of the Session One "(L-R) Mr Pramod Kumar, General Manager, Rail Coach Factory, Mr Neeraj R Kochhar, Chairman & Managing Director, Virai Profiles Ltd, Mr N C Mathur, President, ISSDA, Ar. KalhanMattoo, Founder, Planet 3 Studios Architecture, Mr. Yogesh Agarwal, Managing Director, Rimihim Ispat Ltd and Vijay Sharma, Vice President, Sales & Marketing, Jindal Stainless Limited."

In his welcome address, Mr N C Mathur, President, ISSDA talked about the history of

formation of the Indian Stainless Steel Development Association (ISSDA) which came into being with the objective of diversifying and expanding the domestic market for stainless steel. He reminded the audience of the efforts put by ISSDA and its member companies in transforming the stainless steel production & usage in India which had a production of just about 200,000 tonnes of stainless steel 2 decades ago. primarily for the kitchenware market and has reached to nearly 3 million tones production and 2.4 million tons of consumption in 2013-14 positioning India as the second largest producer and third largest consumer of stainless



Distinguished speakers of the Session One "(L-R) Mr Pramod Kumar, General Manager, Rail Coach Factory, Mr Neeraj R Kochhar, Chairman & Managing Director, Viraj Profiles Ltd, Mr N C Mathur, President, ISSDA, Ar. KalhanMattoo, Founder, Planet 3 Studios Architecture, Mr Yogesh Agarwal, Managing Director, Rimjhim Ispat Ltd and Vijay Sharma, Vice President, Sales & Marketing, Jindal Stainless Limited."



steel in the world. Mr Mathur also said "I am glad that we are celebrating our 25th anniversary, when the Indian government is making serious efforts to improve economic condition and support investment initiatives in the various sectors by pursuing policies of 'Make in India' and promoting exports through 'Made in India'." He also stressed on the fact that India's per capita consumption of SS is far below the world average and India's GDP is likely to increase in the near future and major gainers will be Architecture Building & Construction, Automotive Railways & Transport and Process/ Power industries.

The quest of honor for the conference, Mr Syedain Abassi, Joint Secretary, Ministry of Steel & Chairman, JPC also congratulated the Industry for their successes and assured full support of the ministry to strengthen the growth of stainless industry.

During the event, concerns were raised of rising import and dumping of stainless steel in India affecting the domestic stainless steel industries.

Speaking on the occasion Mr. Rattan Jindal, Chairman and Managing Director, Jindal Stainless Limited said. "As imports already control over 40% of the domestic market and quarter by quarter

dumping from countries like China and FTA countries continue to increase. The result of this surge is that today domestic industry which has installed capacity of around 4.5 million tons is operating at just 55% of its capacity and is struggling for its survival". Various other leading producers also raised the same concerns.

The keynote speaker of the conference was Mr Markus Moll. MD. SMR - Steel and Metals Market Research and his presentation "Stainless Steel Strategy 2020: The Indian Way, the Chinese Way ...or a Third Way" was the highlight of the event.





Several experts from various user sectors representing nuclear industry, petrochemical industry, Desalination & waste water management industry, Construction sector and kitchen & hollowware industry spoke on the potential usage, challenges and offered deep insight on the likely growth areas of stainless steel in their respective sectors.

ISSDA also recognized two Industry leaders, Mr. Rattan Jindal, CMD, Jindal Stainless Ltd and Mr. Neeraj R Kochhar, CMD, Viraj Profiles Ltd., for their outstanding contribution to the stainless steel industry.

ISSDA thanked all its members and participants from around the world for the grand success of this programme.

ISSDA is the technical and market development arm of the Indian Stainless Steel Industry and has close relations with Nickel Institute, stainless steel development associations (SSDAs) in other countries, the International Stainless Steel Forum (ISSF), the International Chromium Development Association (ICDA) and the International Molybdenum Association (IMOA).



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## Spinning Process for Utensils

pinning sheet metal on the lathe is an excellent means for quickly producingseamless round hollow metal forms. With the help of a lever force is applied uniformly to the rotating sheet metal over the desired form (mandrel) at very high rpms, thus the sheet metal is deformed evenly without any wrinkling or warble.

#### SPINNING PROCESS

Spinning process is used for making cup or cone shaped articles which are axisymmetrical i.e. rotationally symmetrical hollow shape sheet metal parts. In this process a circular blank of sheet metal is clamped between themandrel and the tailstock of a lathe-type spinning machine. Mandrel is corresponding to the shape and size of metal part. Both mandrel and blank are rotated by the main drive. The metal disc and the mandrel rotate together and the spinning roller makes contact with the outer face of the work piece. This is explained in Fig.1 below.

In spinning process tension

and compression, both the forces, play their rolesince tangential compressive and radial tensilestresses are generated in the deformation zone just as in deep drawing.

This metal spinning technique can be applied to produce a wide variety of hollow parts of widely differing shapes, all without compromising the significant benefits of metal forming. All these features make spinning an economical and highly flexible process.

Some of the items that can be produced by spinning process include: Cones, cups. tumblers, Cylinders and drums, Funnels and horns, Baskets, basins, bowls, Bottoms for tanks, hoppers, and kettles, Canopies, caps, and canisters.

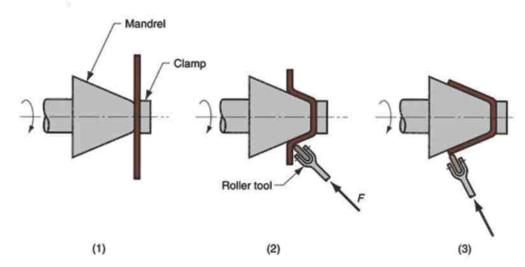
#### METALS

Almost every metal that is available in sheet form may be spun. However, a few metals are ideally suited to the art of spinning.

Aluminium is fantastically elastic and easy to form so long as it has been annealed.

Stainless steel is even more elastic (stretching before tearing) than aluminium but requires significantly more force to form. All the austenitic, ferritic and precipitation hardening stainless steels can be formed by spinning process. However the Austenitic range (200-300 series) of stainless steels form best. Type 201 and 301 are the best grades of stainless steel for spinning as these are having the greatest elongation and also the work hardening characteristics. Similarly, the mild steelswith lower carbon content are the easier to form.

Copper has excellent elongation (very formable) and doubles its tensile strength when work hardened, but if it hardens before the part is finished then the part must be annealed to prevent shearing and cracking. Brass is a copper-zinc alloy and has similar properties to copper in its formability but brass work hardens less and requires more force.



ADVANTAGES OF METAL SPINNING: Metal Spinning offers numerous advantages over other metal forming processes.

#### **MATERIAL YIELDS:**

Material yield in spinning process is increased since it uses thinner plate material and the resulting spun product requires little or no machining to finish. Material waste is minimum resulting in significant savings

#### LOWER TOOLING COST:

Metal spinning mandrels, or chucks, are simpler and less costly. Spinning offers significant savings on the cost and initial tooling investment.

#### Improved tensile strength:

Due to the pressures and forces being exerted on the material in the spinning process, the component becomes 'work-hardened' i.e. it enhances the material's tensile properties. This in turn it increases the life of the component whilst providing a more light weight, reliable and robust product.

Comparison with deep drawing:

In comparison with deep drawing the spinning process has the following features:

- a) The tooling cost would be reduced for larger components in spinning process.
- b) High accuracy obtained in spinning process.

- c) Good surface finish occurred in the products obtained from the spinning process.
- d) For small products to be produced in large quantities spinning is not economical
- e) The failures of components are low in spinning process and high in deep drawing
- f) Machinery and tooling set for spinning process is simple.
- g) The mechanical properties of raw material gets increased by 2 to 2.5 times in spinning process than deep drawing.

Article contributed by: H K Arora Consultant – Metallurgist E-mail: h\_k\_arora@yahoo.com Phone: 9811131122



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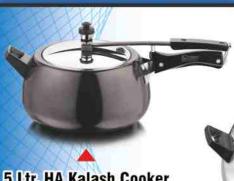
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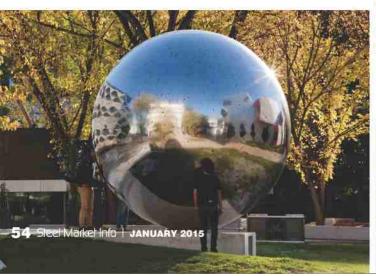
he magic of a clear night sky filled with stars has inspired many creative souls. Now, through a collaboration between science and art, a stainless steel sculpture installed at the Australian National University in Canberra brings new depth to the connection between ourselves and the stars above.

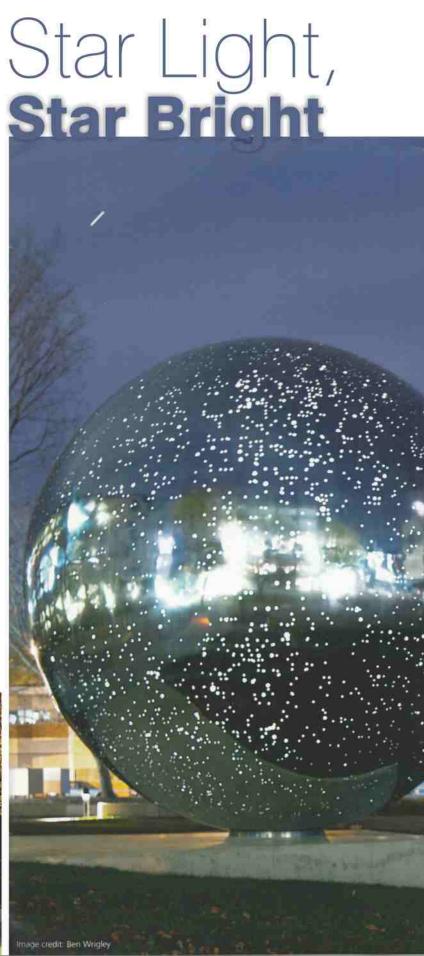
The 4 metre diameter, mirror-polished stainless steel sphere (called UNA), which sits in the science precinct at ANU, is so much more than first meets the eye. Designed by UK artist Wolfgang Buttress, UNA features 9,100 laser-cut perforations, which were mapped in collaboration with ANU astrophysicist Dr Daniel Bayliss.

The holes match the 9,100 stars that we can see with the naked eye from Earth and vary in size according to the brightness of the stars in the night sky (the brighter the star, the larger the hole).

Inside the sphere sits a second, two metre diameter mirror polished, stainless steel sphere. When viewed through one of the outer perforations, the internal sphere reflects small points of light from the outer sphere, creating, according to Mr Buttress, a microcosm of our perceived night sky.

"One makes connections to one self and the stars above. We are all made from stardust," he said.











The magic enters a different realm at night, thanks to the fibre optic lights that sit in the centre of the two spheres, casting a glow through the perforations.

Mr Buttress said the use of stainless steel and high quality fabrication were integral to the success of the project.

Aside from the ability to be mirror polished, he said stainless steel was specified due to its strength, resilience and, if maintained properly, the fact that it will look as good in 50 years as it does now.

The spheres incorporate around 2000kg of 4mm 316L, 2B finish stainless steel, which was supplied in 24 pieces by ASSDA Major Sponsor Sandvik Materials Technology (now Vulcan Stainless). The pieces were laser cut to shape in-house on one of Sandvik's four laser machines. Sandvik VIC/TAS State Manager Stephen Orridge said each hole was unique in its shape and the work involved about 40 hours of programming.

The sheet was pressed by Dished & Flanged Ends to create the curved forms for both the inner and outer spheres. ASSDA Member and Accredited Fabricator NRG Piping then

joined and welded each segment with only 1mm tolerance, followed by polishing. NRG Piping co-ordinated the fabrication, transport and installation of UNA.

Mr Buttress said the welding had to be done carefully to minimise distortion as all would be seen when it was mirror polished. "There is nowhere to hide. NRG Piping are amazing fabricators as they totally understand the properties and essence of stainless steel," he said.

Because the inner sphere had to be positioned inside the outer sphere during the fabrication process, a 600mm hole at the base allowed enough room for a welder to get access inside to polish out the internal welds.

The end result is one of the artist's favourite pieces that he has created. "By day, the inner world is revealed on close inspection and at night it has a different character as light pours out of her like a beacon. It works on a micro and macro level, at day and by night. It was a great marriage between art, architecture and engineering," Mr Buttress said.

Images courtesy of Ben Wrigley.

This article is featured in Australian Stainless magazine issue 54, Spring 2014.

## Cold Forming Is Shaping The Future for Stainless

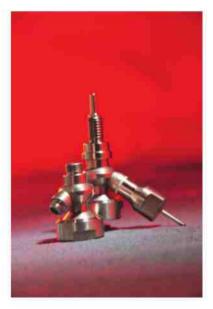
s a method of manufacturing precision components, cold forming has dipped under the radar of many engineers. However, the development of cold forming stainless steel looks set to revolutionise the way this material is manufactured, says Mark Jennings, Technical Director at Dawson Shanahan.

Cold forming has long been established as a method for producing simple, high volume components such as fasteners quickly and cost effectively. Increasingly though, this process is being used to produce high precision components from a range of advanced engineered metals. More significantly, a new technique has now been developed by Dawson Shanahan enabling the production of cold formed austenitic and martensitic stainless steels that virtually eliminates galling. This manufacturing breakthrough has offered new opportunities and benefits for component manufacturers operating in a diverse range of sectors, from aerospace and automotive engineering through to medical, electronic and optical instruments. Unlike the traditional energy intensive, time consuming, wasteful or even hazardous methods of shaping metal, cold forming, is a particularly simple process that produces metal components at low ambient temperatures without removing any material.

#### Precision pressure

A typical cold forming press uses coiled wire at room temperature that is then cut to length then using advanced mould and die sets,





combined with extremely high levels of applied pressure (in excess of 600 tonnes), and extruded to the desired shape. By working with the material and eliminating the need for trimming and cutting, cold forming can cut waste by up to 80% in comparison with traditional machining processes.

#### Faster output, lower energy consumption

As cold forming is carried out at ambient temperatures, this high speed process can be completed 15 times faster than more conventional options, significantly saving on production time. As a result, components can be made precisely to order extremely quickly, cutting lead times and the need to

store high volumes of spare parts on site. Another, perhaps more obvious, advantage of producing components at ambient temperatures is the significant reduction in energy consumption, helping to reduce costs still further, as well as carbon footprint. Indeed, these benefits can help lower the costs of components by as much as 70% in many instances.

#### Stronger, smoother parts

Just as importantly, the cold forming process can improve the mechanical properties, with a finished part 18% stronger than that of machined components. Unlike machining where sections are usually cut across the grain structure of the metal, the direction of forming and the geometry of the part is aligned with that of the grain. In addition, finished parts can have complex internal and external geometries, with exceptionally smooth surface finish, so that only minimal secondary processing is needed.

This offers the potential for design engineers to specify components to a higher specification and provide that competitive edge in performance.

#### Stainless steel components

While the technique has long been used with other advanced engineering metals such as copper, aluminium and brass, the inherent strength of stainless steel has been something of a stumbling block for the cold forming process. For engineers today, there is now an alternative to more conventional processes using a safe cold forming technique developed by Dawson Shanahan. This latest innovative development now means that stainless steel, as well as other exotic metals such as titanium, can be cold formed using a specialised metallic

lubrication and extrusion coating avoiding the need for hazardous chemical solutions. This unique shell, created by the research and development team at Dawson Shanahan, eliminates the problem of galling, to prevent damage being caused to the components and tooling, which often presents itself in the form of scores or surface imperfections, thus maintaining consistent quality in finished parts. In fact, this new technique has been endorsed by independent laboratory test results, which show that this ground-breaking process retains all the mechanical properties of stainless steel without any detrimental effect on performance.

The advantages of this new process will be of particular benefit to those areas of industry requiring robust, ultra-high precision parts, including laser applications, where cold formed nozzles significantly increase cutting accuracy, or in industrial engines where the parts are used to boost overall reliability, while cutting CO2 and particulate emissions. Equally, other stainless steel components made through cold forming, such as diesel injectors for example, are generally more reliable especially when used with biofuels, as these fuels can place greater stresses an conventionally manufactured parts.

With growing demands from industry, combined with the need to reduce wastage rates and energy consumption for both economic and environmental reasons, an increasing number of manufacturers are looking to adopt more efficient and cost effective methods of producing stainless steel components. This new development in cold forming looks set to revolutionise the way stainless steel components are manufactured in the future, by using a more sustainable and responsible approach.

Source: SSI, Vol 41, December 2013

## The Art Of Recycling A Completely Recyclable Material

a

mong the main characteristics of stainless steels, we can include their complete recyclability. Stainless steels do not produce any environmental pollution at the end their lifecycle, and are destined to become scrap metal. A company based in the province of Brescia, developed the idea to recycle the waste and the surplus resulting from stainless steel production processes, and opened a special division called "Inoxcart". In this division, the processing waste of EN 1.4301 (AISI 304) stainless steel is reused to create minimalistic objects characterized by a clean,

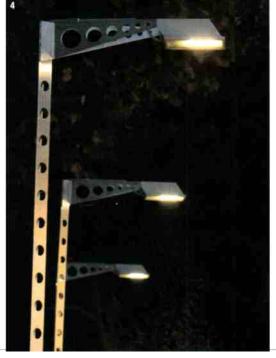
smooth and essential design inspiring to the simplest geometrical shapes. These objects are ennobled by the typical characteristics of the material then oriLmate from: solidity and robustness, along with resistance to corrosion, and particularly, corrosion produced by atmospheric agents. These objects enclose functionality, strength, and cost effectiveness within the stainless steel recycling chain, and therefore, respect for the environment that surrounds them.

Thanks to Davighi International (www.davighiinternational it)

Source: inossidabile 196













## Stainless Steel Sheet Thickness 1 mm to 7 mm

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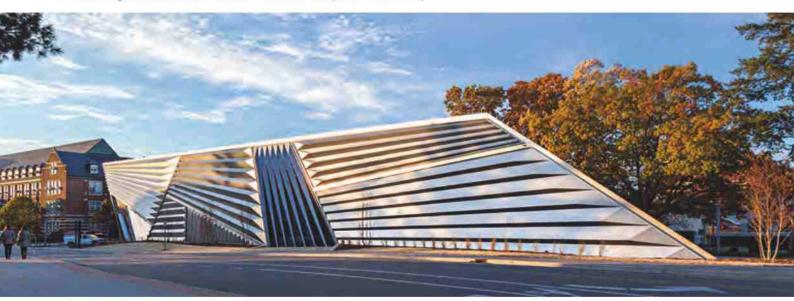
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## An ever-changing masterpiece

If a building becomes architecture, then it is art. (Arne Jacobson)





ondon's architect Zaha Hadid, famous for her stunning designs, had a clear vision for the Eli and Edythe Broad Art Museum on the East Lansing campus of Michigan State University. She wanted "...a structure that changes as visitors move past and through it - creating great curiosity...". Her desire to echo the surroundings

with a skin made of a series of pleats needed a material that could express her vision. Stainless steel's reflectivity and its ability to be molded and bent to any shape proved to be the perfect solution.

#### Defining the questions

Designing and constructing a world-class art museum poses many challenges, and requires collaboration and cooperation of many parties, each with different priorities. One of the issues was facade material selection. There were several questions the team had to consider with respect to stainless steel as a candidate.

Would it be the right material? Could a stainless steel exterior be built within the available budget? What grade of stainless steel should be used? To help answer these questions the design build team invited Zahner, an architectural fabricator, well versed in the manufacture of stainless steel façades, and other outside consultants to support the project.

#### Developing the answers

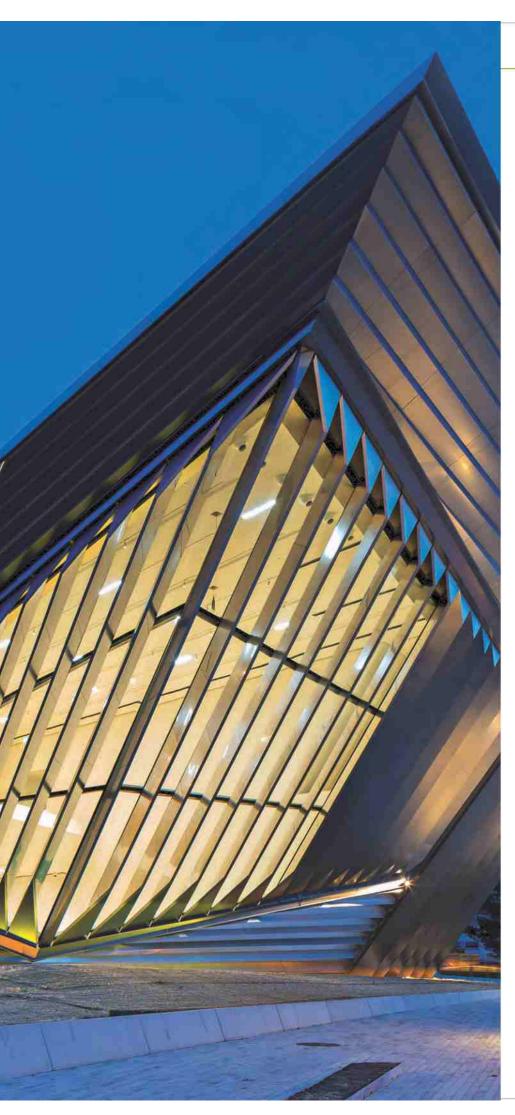
Alloy and surface finish selection

For a stainless steel facade it was important to select the correct grade to ensure low maintenance and a long life. Because the museum would be exposed to East Lansing's road and walkway de-icing salts, the design team chose the molybdenumcontaining Type 316L (UNS S31603) grade. With an Angel Hair® finish, this grade also had the desired appearance: a relative gloss several levels lower than other grades, producing a softer, more consistent and more

attractive finish.

Feasibility demonstration - The outside consultants argued that stainless steel would be too expensive, could not be welded, and could not develop the design's sharp pleats. They suggested instead a composite structure for the facade. However, the fabricator, who has helped to construct some of the most striking stainless steel buildings in the United States, produced several large-scale stainless-steel mockups of the pleats and welds. These educational and strikingly beautiful mockups demonstrated that stainless steel would fulfill the architect's vision and even exceed everyone's expectations.

Other teams produced alternative facade mockups of aluminum composite panels with a silver paint coating and nonwelded joints. There simply was no comparison between these and the stainless steel



design. The design team recognized that the Type 316L stainless steel, fabricated as proposed by Zahner, would have much greater impact. The stainless steel could be welded and assembled to create

sharp angular planes as if the entire building were machined from a block of gleaming metal, making it a beautiful, iconic sculpture on the campus. One additional significant benefit of the choice of 316L was that at the building's end of useful life, the stainless steel could be fully recycled. In contrast, a composite façade could not be completely recycled.

Panel fabrication – The 316L stainless steel pleats were made from 1.5 mm thick sheets that were custom V-cut to create the pleats. The fabricator used a specially designed mill with an accuracy of 0.005 mm to make these cuts. The formed stainless steel sheets were strong enough that they required no backup support. Each pleat was made of several formed panels, using in total 970 unique panels. The end panels of each pleat were fusion welded using Type 316L wire, argon shielding gas and copper heat sinks to eliminate distortion. These measures kept the weld cleanup and passivation to a minimum.

#### A breathtaking result

Michigan State University is very pleased. The Eli and Edythe Broad Art Museum is an incredible, iconic building. Thanks to the choice of 316L stainless steel, keeping it stunningly beautiful requires only a fresh water rinse in the spring and autumn. For years to come, passersby will be drawn towards this piece of art. (WZ) Angel

Hair ® Trademark of A. Zahner Company

Source: IMOA



### Jindal Stainless launches first of its kind Stainless Steel Modular Toilets

Stainless Steel modular toilets to provide thrust to Swachh Bharat Abhiyaan Convenient and durable, can last for 25 years or more with minimal maintenance

ew Delhi, 9th December 2014: Providing an impetus to Government's Swachh Bharat Abhiyaan, Jindal Architecture Ltd., a subsidiary of Jindal Stainless Ltd. has announced the introduction of economical, ecofriendly, durable and convenient stainless steel modular toilets, as part of its expanding product range. The 100% recyclable toilets are available in a range of single units and as community toilets of six and eight units, respectively. These toilets have the option of being upgraded to

Emphasizing on the need of modular stainless steel toilets in India, Mr Anuj Jain, CEO, Jindal Architecture Limited said. "Human waste disposal is an ever-growing, perennial problem

automated bio-toilets.

arousing aesthetic inhibitions, together with the threat of infectious diseases due to the contamination of groundwater. Less than 30% of Indians presently have access to toilets. In rural regions, only 10% of houses have toilets, with the rest resorting to open defecation. Although people in cities have better infrastructure facilities, nevertheless, here also just 70% have access to toilets. This increases mortality rates because untreated waste causes diarrhoea, amoebiasis, cholera, typhoid and other dangerous diseases that threaten the lives of lakhs of children and their families."

Open defecation is one of the main causes of diarrhoea, causing the annual deaths of

more than 750,000 children less than five years of age. [1] Significantly, many of these deaths occur in India, where almost 30 million schoolchildren lack access to toilets. As many as 595 million Indians practice open defecation daily - almost 45% of the populace.

Stainless steel modular toilets provide an appropriate solution for this longstanding problem. In terms of structural strength, product life, maintenance, hygiene, eco-friendliness and scrap value, stainless steel toilets have proved to be better than fibre, mild steel or brickand-mortar toilets. Due to the modular design, the toilets can be assembled on site, saving time and transportation costs.





Weather resistant and with PVD-coated interiors, they can be installed easily at government schools, hospitals, tourist places, pilgrim centres, marketplaces, public auditoriums and fairs, railway stations and bus stands.

Most importantly, these are competitively priced against fibre or brick-and-mortar toilets – a single-unit toilet costs Rs.99,999 onwards, while the community toilets which are six units start from Rs. 3.99 lakhs and eight unit starting from Rs. 4.99. The disposal tanks cost approximately Rs59,000 per unit. Moreover, a bio-digester tank solution is been jointly developed with the DRDE, Railways and RDSO, which will solve hygiene issues on railway tracks and areas around them by converting human waste into gases and water with the help of specially-developed anaerobic bacteria that survive on such waste.

As part of this initiative of the government and as a responsible corporate, Mr Anuj Jain said, "As corporate citizens, we should seriously consider our responsibilities and focus our CSR initiatives in eliminating the practice of open defecation. This can be achieved by creating awareness to trigger behavioural changes that end such unhealthy practices. Towards this goal, Jindal Stainless has

developed India's first stainless steel modular toilets with bio-disposable tanks, focussing on areas where accessibility to toilets and waste disposal is abysmal."

\* \* \*

#### About Jindal Stainless Limited

Jindal Stainless, a part of the \$18 billion USD, OP Jindal group is the largest integrated manufacturer of stainless steel in India and is ranked among the top 10 stainless steel manufacturers in the world, with a capacity of 1.8 million tons. JSL has crafted its success story by fully integrating its operations based on a strategy of both,

backward and forward integration, starting from mining, melting, casting, hot rolling to cold rolling and further value additions. An ISO: 14001 compliant, JSL product range includes: Ferro Alloys, Stainless Steel Slabs, Blooms, Hot Rolled Coils, Plates and Cold Rolled Coils/ Sheets, Stainless Steel Strips for Razor Blade

Steel and Coin Blanks for mints in India & EU. www.jindalstainless.com

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### Grind Master Buzz Grind Master bags "SME of the Year"

Grind Master is the Proud Recipient of the "SMEof the Year' Award in the Emerging India Awards 2014, presented by ICICI and CNBC The awards were presented at a ceremony in Mumbai on Saturday 13/ 12/ 2014. Grind Master Also received the Award for " Engineering and Capital Goods Vertical, and Nomination for "Women Entrepreneur of the Year'.

Grind Master is one of the few machine tool builders from India Competing on a Global level with Japanese and German companies, supplying Mission Critical Microfinishing Machinesto Global Automotive OEMssuch as Shanghai General Motors, SAIL, Renault Nissan, Kirloskar Toyota, SGMWand Great Wall. With "Widest Rangeof Metal Finishing Machinery in the World', Grind Master has developed home grown technology and know how. Mr. Millind Kelkar, after receiving the award said "We are proud to build International Standard Products with blood, sweat and tears. This award is dedicated to what I believe is the finest machine building team in the country'.

2014 has been an excellent year for Expanding our Businessand Technologies. With Successes such as the Setup of Grind Master China Office, and Technical Collaboration with SAMP Italy, "SMEof the Year' Award is like an icing on the cake. With Imtex 2015 around the corner and many new Product Launches, there is a lot to look forward to in 2015.





## Public Sanitation Facilities in Stainless Steel The Need of the Hour





comprehensive, affordable, sustainable and hygienic solution aimed to cater to the basic and diverse sanitation needs of the common man is the need of the hour. A country of the size of India with huge population and rapidly expanding cities has been lacking in the public sanitation facilities at all fronts. Though the efforts have been made in past to build and improve upon yet the problems on account of difficulty in maintenance, periodic breakdowns and maintaining a standard of hygiene, when using conventional kind of sanitation facilities, has remained a challenge for successive governments.

Under this context, Eram Scientific Solutions (ESS), a home grown social enterprise based in Kerala, has introduced toilets which effectively addresses the challenges faced at sanitation front. Having identified the dimension of issues prevalent in sanitation, ESS has ensured the soundness and reliability of the innovation by integrating new technologies and better materials at affordable cost for catalyzing better hygiene and sanitation practices.

eToilets are built of Stainless Steel enclosures and have electronic systems for enhancing user experience and for tracking the health status of these toilets. eToilets have automated access control systems, sensor enabled water minimization, self-washing and floor wash mechanisms.

The custom-sized Stainless Steel enclosures are extremely durable, corrosion-resistant and are unswerving in the long run.

the squatting pan. The P-trap also helps to prevent foul smell inside the toilets and thus ensures cleanliness round the clock. Unlike the ceramic or plastic closets, the SS closet structure is strong enough to withstand heavy weight and major damages. One eToilet SS Model weighs approximately 310 Kgs. the squatting pan. The P-trap also helps to prevent foul smell inside the toilets and thus ensures cleanliness round the clock. Unlike the ceramic or plastic closets, the SS closet structure is strong enough to withstand heavy weight and major damages. One eToilet SS Model weighs approximately 310 Kgs.

#### Benefits of Stainless Steel Structure

- 1. Robust structure
- 2. Ease of assembly at field
- 3. Aesthetics and high ambience
- 4. Highly modular
- Withstand extreme weather in Indian context
- 6. Ensures serviceability and ease of cleaning
- 7. Environment-friendly
- 8. Sustainable in coastal areas

Besides offering a menu of most modern technology options the eToilet has a facility of pre-flushing before entering, automatic flushing once usage is done, in-built water tanks, sensors for water and electricity conservation, automatic platform, cleaning and power backup with coin operated entry. Keeping in mind individual needs these toilets are programmed to flush 1.5 litres of water after three minutes of usage or 4.5 litres if usage is longer. The performance status of the units can also be monitored via web using GPRS connectivity of the units. This innovation involves unmanned operations and thus ensures easy and continual operation of the toilets while minimizing unnecessary maintenance costs.

via web using GPRS connectivity of the units. This innovation involves unmanned operations and thus ensures easy and continual operation of the toilets while minimizing unnecessary maintenance costs.

#### School Model eToilets:

Considering the sanitation grounds in India, it is quite obvious that the existing sanitation amenities prevailing in schools have largely failed to deliver and promote a sustainable sanitation model especially in capacities of sustenance, health and hygiene for the students.

Rethinking traditional CSR guidelines, ONGC has set an example through the implementation of it in a local school in Malappuram District in Kerala. ONGC has set up 3 eToilets in Government Higher Secondary School Karuvarakundu, the only government run school in this village in Malappuram. Home to 4096 students and 110 staffs, the school has come under the limelight with this social intervention undertaken by ONGC.

Now since the newly elected government in India has taken a pledge to build and improve on public sanitation facilities as a tribute to Great Mahatma Gandhi whose 150th birth anniversary will be celebrated in 2019 under Mahatma Gandhi Clean India Programme. It is most likely that efforts will be made to install more and more of extremely durable and maintenance free sanitation facilities around the country.

#### For more details contact:

Mrs. Bincy Baby Head- Convergence Business Group Eram Scientific Solutions KEK Towers, 5th Floor Opposite. TRIDA, Vazhuthacaud, Thiruvananthapuram- 695 010. Kerala Phone: 0471-4062125

Email id: bincy@eramscientific.com

Source: Stainless India, Vol 19 No. 2



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e report a statement coming from a leading company in the area of household products. "It is an undisputable fact that to give prominence to this logo means to convey, both to the retailer and to the end customer, the information that the manufacturing company has made the precise choice of fully complying with all the regulations in force concerning the use of materials destined to come into contact with food, and of purchasing them from certified suppliers". The company has been granted the permission to affix the INOV trademark on its price lists and catalogues, in order to provide "an additional information on quality: precise and state-of-the-art technology, guaranteed by a serious and professional association as Centro Inox".

Thanks to Davighi International (www.davighi-international. it) Source: inossidabile 195



# "DRAGON": The Legend Comes To Life

n the handwork shown in this article, stainless steel becomes a key element. Its dual function as a structural part and an aesthetic element, gives this sculpture of light a strong and impressive visual impact.

> The chosen figure represents the mythical Chinese Dragon. The stainless steel structure is covered with Murano glass scales and LED strips arranged all along the contour of the sculpture.

> The shape of the dragon is outlined on a super-

mirror finish, 1.5 mm thick, EN 1.4301 (AISI 304) stainless steel sheet. This wall lamp is 4 m. high, and 2,5 m wide. When the LED strips light up, as their colours are continuously changing, the Dragon seems to take on a life of its own, aided by the high reflecting capacity of the steel.

Thanks to Davighi International (www.davighi-international. it) Source: inossidabile 195









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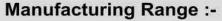
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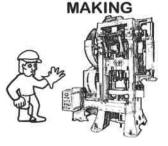


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ormerly owned by the Anglo-American Astor family, Cliveden House is located about 40 kilometers to the west of London. Situated high above the River Thames and surrounded by wooded countryside, this stately home has a colourful history dating back to the 1600s. Today, the house and grounds are a major tourist venue-attracting visitors from all around the world. The estate now belongs to the National Trust and the house has been a luxury hotel since 1985.

> To help fund restoration work to the large terrace which runs the length of the south side of the house, a temporary pay-to-ride slide was installed in 2013. From August 2013 until November 2014 the slide took youngsters, and the young at heart, from the terrace at

the back of Cliveden House down to the huge lawns and formal flower gardens.

The slide is made of nickelcontaining Type 304 (UNS S30400) stainless steel in order to resist the weather and to always retain a clean, shiny appearance. The "wavy" slide is 7.5m high, 22m long and weighs about 3900kg. It is wide enough to accommodate four side-byside tracks. The 2mm thick stainless steel was cut. formed and welded by Steel Line, U.K. with great care and attention to detail in order to minimize joints, eliminate rough edges and sharp corners and ensure a smooth, oxidation-free appearance.

Due to the restoration work on the terrace, the slide had to be moved. It easily endured this re-location.

Type 304 is a good material choice for playground equipment and outdoor furniture in most settings, as illustrated by this beautiful slide at Cliveden House. Seaside locations, or urban locations where road salt is used, would require more corrosion-resistant alloys such as nickel-containing Type 316 (UNS S31600) or Type 2205 (UNS S32205).

Type 304 is a good material choice for playground equipment and outdoor furniture in most settings, as illustrated by this beautiful slide at Cliveden House. Seaside locations, or urban locations where road salt is used, would require more corrosion-resistant alloys such as nickel-containing Type 316 (UNS S31600) or Type 2205 (UNS S32205).

Source: nickel, vol. 29, no. 3,

# Stainless Steel Deep Drawing:

## A Complex Process Ensuring High Performances.

he deep drawing process, a typical stainless steel cold-forming method, allows to transform a flat sheet into a concave one keeping its thickness unchanged. The materials used for this process are traditional austenitic stainless steels, such as EN 1.4301 (AISI 304) and EN 1.4404 (AISI 316L) grades, of thicknesses ranging from 0.8 to 4.0 mm. More complex products require, instead, AISI 304DDQ (deep drawing quality) and EN 1.4303 (AISI 305) grades. Due the considerable plastic deformations it is submitted to, the material structure tends to harden, passing from an austenitic to a martensitic structure. This transition makes the material increasingly brittle, since it loses the characteristics of

ductility required by the process. Therefore, between the forming stages, a special heat treatment called "annealing" is carried out in a special oven, in which the elements to be treated are heated at a temperature exceeding 1020°. Then the parts are cooled. This process allows to reduce the presence of welds, thereby ensuring improved mechanical properties and better washability to the parts. The deep drawing process is used in several industrial applications and sectors, which include the catering, medical, and aeronautics industries, as well and the furniture and lighting industries.

Thanks to Davighi International (www.davighi-international. it) Source: inossidabile 195

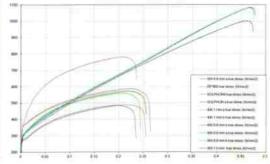












### Stainless steel industry needs government support

ower capacity utilisation and competition with Chinese imports is feared dent the country's stainless steel industry, industry players have said.

Currently, the stainless steel sector in the country operates at about 55 per cent capacity utilisation of the total installed capacity of 5 million tonnes per annum (mtpa).

"Stainless steel sector requires government support in the form of encouragement for exports and import restrictions on finished or semi-finished goods," said Ratan Jindal, chairman of Jindal Steel during a media interaction here. Raising the issue of increasing dependence on imports and underutilisation of production capacities, Jindal said, "Our imports of stainless steel have doubled in the last year"

Financial institutions have the bank exposure of about 30,000 crore to the sector. According to him, in recent years, stainless steel has found applications in areas other than the utensils.

"Stainless steel is used in consumer durables such as washing machines, fridges, ovens as well as entire kitchens. What we are aiming is to increase India's per capita stainless steel consumption from 1.6 kg a year to that of some of the developed nations."

Europe has an average per capita stainless steel consumption of about 10 kg, China consumes about 6 kg, and Taiwan about 15 kg. "With Prime Minister Narendra Modi's vision of setting up 100 smart cities in the country, stainless steel consumption will get a boost. But for that policy support will also be required," he said.

### Stainless Steel Production Reaches 30.9 Million Metric Tons in The First Nine Months of 2014

Stainless and heat-resisting melt shop steel production [000 metric tons]

The International Stainless Steel Forum (ISSF) has released figures for the first nine months of 2014 showing that stainless steel melt shop production increased by 8.9% year-on-year to 30.9 million metric tons (mmt). Production increased in all regions except for Central and Eastern Europe.

Region		Quarter			9 Mc	nths	+/- %
	1/2014	2/2014	3/2014	q-o-q	2013	2014	у-о-у
Western Europe/Africa	2,164	2,111	1,682	-20.3%	5,683	5,958	4.8%
Central/Eastern Europe	71	72	70	-2.3%	215	213	-1.0%
The Americas	670	717	711	-0.8%	1,824	2,097	15.0%
Asia (w/o China)	2,234	2,216	2,161	-2.5%	6,487	6,611	1.9%
China	5,084	5,603	5,336	-4.8%	14,176	16,022	13.0%
Total	10,223	10,718	9,960	-7.1%	28,385	30,900	8.9%

Source: International Stainless Steel Forum (ISSF) Published: 19/12/2014 Last modified: 19/12/2014

## Stainless Steel in Agricultural Applications



he International Stainless Steel Forum (ISSF) has launched a new publication on Stainless Steel in Agricultural Applications

From a simple feeding pail to the most advanced fully robotised milking equipment, stainless steel is

found on farms in numerous applications, where it is an alternative to plastics, light metal and above all galvanised steel.

This new brochure from ISSF explains why stainless steel in used in agricultural applications and highlights

applications in fences, gates and partitions, feeding, watering, electrical and mechanical equipment, skin care, dairy farming, ancillary equipment and storage tanks for slurry and waste water.



## Exploding Nickel Prices Driving The Stainless Steel Market Higher



ickel prices at the time of writing. hovered around \$US30,000 per tonne. This suggests that alloy surcharges on stainless steel will remain at their current unprecedented high levels for at least two months.

For type 304 flat products, surcharges in October will be in excess of €1,900 per tonne in Europe and more than \$US2,500 per short ton in the US. Alloy surcharges have risen by more than 150 percent since January.

The LME price of nickel has doubled since March, and there is much controversy about the reasons for this. Users continue to claim that the nickel market is not under-supplied, and that the upsurge in prices is the result of speculation by financial investors. It is true that LME nickel

stocks have been extremely low. And this tends to support the opinion of those who say there is a structural shortage.

The hike in nickel prices is increasing the supply of scrap onto the market. World trade in stainless scrap has risen by more than 1 million tonnes over the last four years. But so far this is not having a dampening effect on the price of nickel.

Record levels of stainless steel production have certainly helped keep the figures high. Output of crude stainless in the first half of this year was almost 13.9 million tonnes - up by 6.5 percent year-on-year. Intriguingly, figures from the International Stainless Steel Forum reveal that most of this increase took place in the second quarter of the vear: output in April-June was 12.6 percent higher than in the same period a year earlier. This is likely to have continued into the third quarter - as the nickel prices headed up from \$US20,000 per tonne to \$US30,000 per tonne between June and August. There may also have been some of double booking, with buyers anxious to secure material in advance of September and October when the extremely elevated alloy surcharges came into effect.

There is certainly a danger of the market over-heating. Many of these duplicate orders may be cancelled. If the nickel price shows any sign of weakness, stainless buyers will be encouraged to hold off from placing new orders in the expectation of surcharges falling.

Source: MEPS - Stainless Steel Review

### Jindal Stainles change in RTA

SL Stainless has decided to change its Registrar and Transfer Agent (RTA) from M/s. Abhipra Capital Limited to M/s. Link Intime India Private Limited, situated at 44 Community Center, 2nd Floor, Naraina Industrial Area, Phase I, Near PVR, Naraina, New Delhi - 110 028.

SL Stainless Ltd has informed BSE that the Sub Committee of Board of Directors of the Company in its meeting held on March 21, 2013 has decided to change its Registrar and Transfer Agent (RTA) from M/s. Abhipra Capital Limited to M/s. Link Intime India Private Limited, situated at 44 Community Center, 2nd Floor, Naraina Industrial Area, Phase I,

Near PVR, Naraina, New Delhi - 110 028 having registered office at C-13, Pannalal Silk Mills Compound, LBS Marg, Bhandup (West), Mumbai -400 078, for both demat and physical registry work as well as for electronic connectivity with National Securities Depository Ltd. (NSDL) and Central Depository Services (India) Ltd. (CDSL).Source: BSE

#### Global Cold Rolled Coils Industry Report 2015



( http://www.researchandmarkets.com/research/cndpcz/global\_cold ) has announced the addition of the "Global Cold Rolled Coils Industry Report 2015" report to Their offering.



old Rolled Coils The Global Industry Report 2015 is a professional and indepth study on the current state of the cold rolled coils industry. The report Provides a basic overview of the industry Including definitions, classifications, applications and industry chain structure. The cold rolled coils market analysis is provided for the international markets Including development trends, competitive landscape analysis, and key regions development status. Development policies and plans are so Discussed and Manufacturing Processes and cost structures Analyzed. Cold rolled coils industry import / export, consumption, supply and demand figures and cost price production value and gross margins are therefore provided. The report Focuses on twenty-nine industry players providing information retrieval as company profiles, product picture and specification, production capacity, price, cost, production value and contact information. Upstream raw materials and equipment and downstream demand analysis is therefore Carried out. The cold rolled coils industry development trends and marketing channels are Analyzed. Finally the feasibility of new investment projects are Assessed

and overall research Conclusions offered. With 211 tables and figures the report Provides key statistics on the state of the industry and is a valuable source of guidance and direction for companies and worth individuals interested in the market. Key Topics Covered: Chapter One Cold Rolled Coils Industry Overview Chapter Two Cold Rolled Coils International and China Market Analysis Chapter Three Cold Rolled Coil Technical Data and Manufacturing Plants Analysis Chapter Four Cold Rolled Coil by Regions By Technology By Applications Chapter Five Cold Rolled Coils Manufacturing Process and Cost Structure Cold Rolled Coil 2009-2014 Chapter Six Productions Supply Sales Demand Market Status and Forecast Cold Rolled Coil Chapter Seven Key Manufacturers Analysis Chapter Eight Up and Down Stream Industry Analysis Cold Rolled Coils Chapter Nine marketing channels Analysis Cold Rolled Coil Chapter Ten Industry Development Trend Cold Rolled Coils Chapter Eleven Industry Development Proposals Cold Rolled Coils Chapter Twelve New Project Investment Feasibility Analysis Chapter Thirteen Global Cold Rolled Coils and China Industry Research Conclusions



Companies Mentioned

AHMSA, Ansteel, Acerinox, ArcelorMittal, BAOSTEEL, BX Steel, Baogang Group, Beijing Shougang, HBIS, JFE Holdings, JSW Steel, Krakatau Steel, MMK, Masteel, NLMK, NSSMC, POSCO, SISG, SSAB, Shagang Group, TISCO, Tata Steel, ThyssenKrupp, United States Steel, Uttam Galva Steels, Valin Steel, WISCO, Xicheng Sanlian, Xinyu Iron & Steel

For more information visit http://www.researchandmarkets.co m/research/cndpcz/global cold

Media Contact: Laura Wood , + 353-1-481-1716. press@researchandmarkets.net

#### Chinese Steel Losing Some Of Its Competitive Edge - Meps



K steel industry analysts, MEPS, reports that, in October, a profound change developed in the relationship between Chinese export steel prices and domestic selling values in the rest of the world.

According to the company's latest report, CHINA STEEL REVIEW, Chinese exporters lowered their steel prices last month for most rolled steel products. The median reduction was US\$13 per tonne. However, average domestic selling figures in North America decreased by US\$17 per tonne in the same period. Local average steel selling values in the European Union decreased by US\$27 per tonne and those in East Asia fell by US\$35 in October.

The differential between Chinese export delivered prices and domestic selling values is a key item in the decision making process to purchase from China. Improved quality from Chinese mills has also, however, played its part.

It is possible that, in the near future, China's steel products could become less attractive to buyers in the industrialised countries of the world, particularly, if their steel market conditions deteriorate further.

Total Chinese exports of all steel products, including tubes and semifinished goods, totalled 51.54 million tonnes in the first eight months of this year. This represents an increase of 36 percent on the outturn in 2013. Foreign supplies of the nine finished rolled steel mill products, which had not undergone further processing, were recorded at

44.2 million tonnes - up by almost 45 percent in the same period.

The most popular finished rolled steel products for export remain hot rolled coil, wire rod and merchant bar. Statistics for the latter item are dubious, because it is widely believed that a proportion of billet sales were recorded as merchant bar in the official documentation to avoid export taxes. The tonnage sold under the banner of merchant bar has increased by approximately 75 percent so far this year. This

figure is almost double the average increase for all the other products.

The Chinese mills were able to lift their sales volumes of rolled steel products because of their ability to compete on price with other manufacturers around the world. This developed despite the cost of freight and extended period of time for delivery. A change to this situation may be on the horizon. Chinese steel exports may decline in 2015. Watch this space.

Source: MEPS China Steel Review - October Edition

#### China's stainless steel market stabilises; downward pressure remains

hina's domestic stainless market showed signs of stabilising this week on rising nickel prices, although participants expect further downward pressure as mills maintain output levels despite slack demand.

> Prices for benchmark 304 cold rolled coil were in the range of 15,600-15,900 yuan (\$2,540-2,589) per tonne including VAT in the major Wuxi market on Thursday January 8 compared with 15,500-16,000 yuan (\$2,520-2,601) per tonne on Thursday December 25.

> "Nickel prices have started to recover, which means at least that stainless steel prices will stop sliding," a trader based in Wuxi said.

The three-month London Metal Exchange nickel contract ended official trading on Wednesday January 7 at \$15,530-15,540 per tonne, up \$510-515 per tonne from a week ago.

However, the boost may have come too late, another trader warned, as buyers are now reducing purchase volumes ahead of the week-long Chinese New Year holiday.

Despite the drop off in demand, steelmakers are not scheduling any maintenance at plants to reduce supply to the market.

"Mills are not loosening their grip on production despite cashflow concerns," a distributor in eastern China said.

Once they run out of cash, they are likely to sell material cheaply to generate funds, he added, which will put pressure on spot prices.

Steel First sister publication Metal Bulletin assessed spot prices for high-grade NPI (Ni 10-15%) at 1,090-1,100 yuan (\$177-179) per nickel unit on Tuesday January 6, down 40-50 yuan (\$7-8) per nickel unit from last week.

Jiangsu-based Zhangjiagang Pohang's purchase price for highgrade NPI (Ni 10-15%) is at 1,090 yuan (\$177) per nickel unit this week, unchanged for the past two weeks.

#### Import duty wont impact pricing much: Jindal Stainless

he government has imposed 20 per cent safeguard duty on imports of a certain variety of stainless steel from China to protect domestic players. In an interview to CNBC-TV18, Ramesh Nair, president & ED, Jindal Stainless informed that it is for a provisional period of 200 days on

hot-rolled coils of stainless steel and he is happy with it.

"This would actually help the sentiment of the market and also stem the import to a certain extent on hot-rolled side"

RAMESH NAIR president & ED Jindal Stainless

Read more at: http://www.moneycontrol.com/

## Sony hops on fashion train with stainless steel SmartWatch 3



ew stainless steel holder turns flagship wearable into fashion item

Sony has introduced a new, sleeker holder for the SmartWatch 3 at CES 2015, bringing it into line with the fashion trend that is starting to change the face of the wearables market.

When it was launched in September last year, the SmartWatch 3 came with a range of four interchangeable rubber wristbands, sold at £20 each, and was solidly marketed as a fitness wearable.

However, the change in presentation with the new stainless steel strap, which Sony describes as matching "contemporary with timeless aestheticism for a premium look and feel", could bring the SmartWatch 3, and its successors, to a new market.

Sony is by no means the first company to go down the fashion wearable route. The Motorola Moto 360, with its leather strap, is clearly a lifestyle item as much as a geeky one, while the META M1, Creoir Ibis and Intel MICA are all specifically marketed as luxury items.

Additionally, when it finally launches later this year, the Apple Watch will also be available with a stainless steel strap.

New look aside, there has been no change to the SmartWatch 3 in terms of specs. The computing module of the device still has a 1.6in. 320 x 320 display with transflective technology, built-in GPS as standard, and an IP68 certification, meaning it can be submerged in water for 30 minutes and is completely sealed against dust.



It also still has 4GB of flash memory, NFC capability (although this has no real use at the moment), just under 48 hours of battery life and convenient charging via micro-USB. The core unit is also removable. meaning it can be interchanged with the original rubber straps for SmartWatch 3, which are available for about £20, as well.

The stainless steel SmartWatch 3 will be available from February.

## UK stainless scrap prices rise further on the back of nickel



nter-merchant prices for stainless steel scrap in the UK rose by £20 (\$31) per tonne for the third consecutive week after the price of nickel jumped by about \$500 weekon-week, sources told Metal Bulletin sister publication Steel First on Friday December 5.

The three-month official daily bid/offer spread for nickel on the London Metal Exchange closed at \$16,870-16,875 on Friday, up by \$475-520 week-on-week. Steel First's price assessment for domestic 18/8 stainless steel scrap solids was £860-880 (\$1,349-1,380)

per tonne delivered to the scrapyard. Stainless steel turnings in the UK are priced at an average

Read more: www.metalbulletin.com

### East Asian stainless steel market still seeing poor demand



he East Asian stainless steel market continued to suffer from slow buying this week, although prices for nickel have rebounded.

Metal Bulletin sister publication

Steel First assessed prices for February shipments of benchmark 304 stainless 2mm cold rolled coil at \$2,320-2,500 per tonne cif East Asian port on Friday January 9, widening downwards by \$40 per tonne from last week's assessment. European Central Bank president Mario Draghi has hinted of a growing likelihood...

Read more: www.metalbulletin.com

### ISSDA wary about rising stainless steel imports

omestic stainless steel makers are worried about the rising imports from china, Japan and Korea, as capacity utilization falls to around 50-55 per cent, the Indian Stainless steel Development association

(ISSDA) said.

While the country has an installed capacity of around 5 million tonnes per annum (mtpa), only about 2.4-2.8 mtpa of stainless steel was produced. However, India remain the world's third largest producer.

"with growing imports from China,

Japan and Korea, Indian stainless steel makers are in a fix. We will continue to bleed until basic Customs duty on all the key raw materials in India are reduced to zero to ensure a level playing field," Mr. N.C. Mathur, President of ISSDA, pointed out.

### Expo 2015 the proposals of centro inox

entro Inox subscribed the "First international call for ideas aimed at developing the cultural program of the Pavillion of Civil Society at EXPO Milano 2015" in order to participate in the project "Exploding energies to change the world" with three proposals:

> A stand during the week June 8-14, 2015 for the launch of the

"Educational program for the promotion of the technical and market knowledge of stainless

A half-day meeting, on June 10, 2015 focused on "Production and conservation of foodstuffs: the stainless steel hygienic chain",

A half-day meeting, on September 24, 2015, focused on "Stainless steel. Eco-sustainability and recyclability".

Additional information: Centro Inox, phone +39 02 86450559/69, eventi@centroinox.it, www.centroinox.it, / Fondazione Triulza, Cascina www.fondazionetriulza.org

## India to remain world's fourth largest steel maker this year

EW DELHI: India will remain the world's fourth largest steel maker this year even as its production growth outpaced the global average in the first 11 months. World Steel Association (WSA) data showed.

> India has produced 76.19 million tonnes (MT) steel in the January-November period compared to 74.37 MT during the same period last year, clocking 2.4 per cent growth and positioned itself again at the fourth slot.

> Global steel production during the period grew by 1.8 per cent to 1,497.75 MT, compared to 1,471.44 MT in the same period last year.

> Despite dip in production in some previous months, China has been world's top steel producer in the first

eleven months of current year, with output of around 650 MT.

Japan produced 101.66 MT during the 11 months, clocking a 0.4 per cent growth over 101.25 MT in the year-ago period.

Production in the US grew by 1.5 per cent in the first 11 months of the year grew to 80.95 MT from 79.75 MT a year ago. Though the gap in production between India and the US is not wide as of now, that is unlikely to change the order as the US produced more steel even in November.

"India may topple the US next year as a lot of capacity is being added here, and a good part of that is coming on stream in the next couple of months, from around 101 MT

now," according to an industry official.

The ranking among the top four steel producers remain the same for the last four years.

India produced 6.89 million tonnes (MT) steel in November compared to 6.57 MT a year ago. During the month, world's steel output was 130.52 MT, as against 130.42 MT a year earlier. Steel production in China declined yet again during the month by 0.2 per cent to 63.30 MT.

During November, Japan produced 9.17 MT steel, the US 7.2 MT, South Korea 5.91 MT and Russia 5.84 MT.

Source: www.economictimes.com



#### **Mehta Enterprises**

Factory: E-352, 1st Phase, Mini Growth Center, Sangaria, Jodhpur - 342005 Contact Person: Ramanlal Mehta - 9460775079, Dhanpal Mehta - 9929130222, Mukesh Mehta - 96607 78748

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Email Website	: ashiz2008@gmail.com : www.aardisonskitchenwere.com	Company Name	: AHMEDABAD MATELWARE	Company Name Address	: AMARDEEP FURNITURES : A/103, Sanjay Building No. 5,
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Brand Name Business Type	: AARON ALLOYS : TRADER	City	SANTEJ ROAD, : RAKANPUR, GANDHINAGAR	Company Name	AMARDEEP UTENSILS INDIA PVT. LTD.
Products Details	S. S. ROUND BAR, S.S. PIPES,	Contact Person	: YAGNESH ZINZUVADIYA	Address	: K-5, Vikash Udyog Nagar, Nr.
Stall No.	HEX Hall No. 3 / Stall 67	Designation Telephon No.	: DIRECTOR : 2764 268399		Telephone Exchange, Hanuman Mandir Road,
		Fax No.	= 1000000000000000000000000000000000000	City	: BHAYANDER (E) (MHRSTR)-
Company Name Address	ACID LOOP The Energy and Resources	Cell No. Email	90999 23045	Contact Person	401105 : Mr. Dharmendra Bhai Shah
	Institute	1000000000	MARKETING@AGILETECHWO	Designation	: Owner
	IHC Complex, Lodi Road New Delhi 110003, India	Website	RLD.COM	Telephon No. Cell No.	: 022-28144411, 22, 33 : 9821017292
COUNTRY	INDIA		WWW.AGILETECHWORLD.CO	Email	: kjshah9999@gmail.com
City Contact Person	NEW DELHI Mr. Rajeev Pillai / Dr. Malini	Brand Name	M : AGILE LASER MARKING	Website Brand Name	: www.dharasteel.com : DHARA
	Balakrishnan	Business Type	MANUFACTURER	Business Type	: MANUFACTURERS &
Telephon No. Email	011 24682100 office@adelphi.de,	Products Details	: LASER MARKING MACHINE , LASER ENGRAVING MACHINE,	Products Details	EXPORTER : pressing & spinning Of
-=1/1/22/01	workshop@acidloop.in	SCHAL	AUTOMATION	and a second of the second of the	Stainless Steel House Hold
VA 6 4 19	http://acidloop.in/	Stall No.	STALL - 86 , HALL - 2	Stall No.	Appliances Industrial works Hall No. 1 / Booth No. 84
Website Brand Name					Hall No. 1 / Buddi No. 84
Brand Name	ACID LOOP	Company Name		9505 F2 5707	
	ACTIONWARE INDIA PVT.	Address	: 31, C.P TANK ROAD,	Company Name	AMAZON BURSH CO.
Brand Name	ACID LOOP			9505 F2 5707	





Contact Person Mr. Saurabh Jain PROPRIETORS Designation Telephon No. 011-65639332 9810131371, 9871347575 Cell No. contact@ocspl.com, Email sj@scrubshine.com www.scrubshine.com AMAZON - SCRUB, POLISHING COMPOUNDS Website Brand Name Business Type Manufacturers Matt Polishing wheel, Cotton Polishing wheel, Coir Fibre Polishing wheel, Abrasive Rolls, Products Details Abrasive belts / Emery Belts, Polishing Pads, Flap Disc. Stall No. Hall No. 2, / Booth 3 Company Name ANCHOR EXPORTS Anchor Appliances, 322 Mint Street, Park Town Address CHENNAI-600003 City J.Kishore Jain, Suresh Jain PROPRIETORS Contact Person Designation Telephon No. 044-25350203 9444058822, 9444043367 Sanchor99@gmail.com ANCHOR APPLIANCES Cell No. Email Brand Name Business Type Products Details Manufacturers Kitchen Wares & Hot Pots Hall No.1, / Booth 64 Stall No. Company Name Anil Metal's (Kanchi) Address E-8, Saistar Estate, Navghar cross road no.3,Opp meeraj bakery, Bhayander (East) City Contact Person Mumbai Anil PNagda Designation Propreitor Telephon No. 28040870 Cell No. 9324340870 Email Anil.Kanchi2011@Gmail.com Brand Name Kanchi Business Type Products Details Manufacturer/Trader Stainless steel utensils Stall No. Hall No. 1 / Stall 55 ANKUR INDUSTRIES Company Name Address G-1105 GIDC METODA (LODHIKA) RAJKOT City METODA (RAJKOT) MR.BHAVIN GHELANI (2)MANISH GHELANI Contact Person Designation PARTNER Telephon No. Cell No. 2827287252 9374100792(2), 9000591390, 9824483409 bhavinghelani@gmail.com Email Website www.ankurkitchenwares.com Brand Name ANKUR Business Type MANUFACTURRERS/EXPORTE Products Details KITCHENWARE Stall No. Hall No. 1 / Stall No. 10 Company Name : ARIHANT METAL CORPORATION 48, RANGWALA BUILDING, Address ISLAMPURA STREET, MUMBAI-400004(INDIA) TEL: +91-22-6651 8600 / 6659 5002 CELL: +91-98200 10510 CELL: +91-99870 05859 City MUMBAI MR JITENDRA SANGHVI Contact Person MANAGING DIRECTOR Designation Telephon No. Cell No. 9820010510 9987005859

Email

Website

Brand Name

Business Type

Products Details

STALL NO.56 / HALL NO.3 Stall No. Company Name ARVIND ANTICOR LTD SURVEY NO. 563/1, PHASE IV, Address VATVA, G.I.D.C. RAMWADI OPP. HANUMAN TEMPLE, ON MAHEMDAVAD ROAD, City **AHMEDABAD** Contact Person MR. BIPIN CHANDRA PAREKH Designation Director Telephon No. 079-25840689 Cell No. 9374523404 Fmail info@picklingplant.com. info@arvindanticore.com www.picklingplant.com, www.arvindanticore.com Website Brand Name Anticore Business Type Mfrs Products Details Proces Tank Hall 3 / Stall 64 Stall No. ASHAPURA INDUSTRIES Company Name Address C/23, Maruti Ind, Estate, Nr. Kiran Bus Stop. GIDC, Vatva AHMEDABAD (GUJRAT)-City 382445 Shankarlal D. Suthar, R.S. Contact Person Suthar Designation **PROPRIETORS** Telephon No. 079-40087267 9428114489, 9925034489, Cell No. 9727504848, 9426374090 info@ashapuraindustries.com Email www.ashapuraindustries.com MANUFACTURERS & Website Business Type **EXPORTER** Products Details Utensils, Rolling mill & Other Machinery Hall No. 2, / Booth 54 Stall No. **AVON ENTERPRISES** Company Name C-7/216, YAMUNA VIHAR, Address SHAHDARA DELHI-110053 City Contact Person SAURABH TAYAL Designation PROPRIETOR Telephon No. 9811647431 Cell No. 9910047431 Email priyapolishingworld@gmail.co m, priyapolish@gmail.com www.priyapolishingworld.com Website Brand Name Business Type MANUFACTURER/EXPORTER Products Details METAL POLISH Stall No. STALL NO. 71, HALL NO. 3 **BALAJI INDUSTRIES** Company Name KAILASH INDUSTRIAL AREA,STREET NO.3,SWATI Address PARK MAIN ROAD, RING ROAD BYPASS RAJKOT City Contact Person MR.PARESHBHAI RAIYANI Designation PARTNER 0281 645 2755 Telephon No.

98250 78985

MANUFACTURERS

KITCHENWARE

CAPITAL

LIMITED

NEW DELHI

011-23651891

011-23651890

SACHIN SIDHAR

AGM - MARKETING

info@capitalkitchenware.com

www.capitalkitchenware.com

STALL NO.25 HALL NO.1

F-3, MAIN ROAD, SHASTRI

NAGAR, NEW DELHI-110052

**BANSAL WIRE INDUSTRIES** 

Cell No.

Website

Stall No.

Address

Fax No.

City

stainlessexports14@yahoo.com

STAINLESS STEEL PRODUCTS

DEALING IN STAINLESS STEEL

www.arihantmetal.in

IMPORTER

PRODUCTS (

Brand Name

Business Type

Products Details

Company Name :

Contact Person

Designation

Telephon No.

Email

SHEETS/COILS/PIPE/PLATES)

Cell No. 9871697613 Email sachin@bansalwire.com Website www.bansalwire.com Brand Name BANSAL WIRE INDUSTRIES LIMITED Business Type MANUFACTURERS STAINLESS STEEL WIRES & B.BAR, G.I WIRE, HIGH/LOW CARBON STEEL WIRES, Products Details CABLE ARMOURING WIRES & STRIPS STALL NO = 54, HALL NO-Stall No. BENGANI UDYOG (P) LTD. Company Name 514-515, KATHAWADA, GIDC PHASE 2, ROAD NO.13, GIDC Address AHMEDABAD City Contact Person SURENDRAJI Designation MD Telephon No. 079-2405993 Cell No. 9374024670 Email INFO@BENGANIUTENSILS.CO Brand Name BENGANI **MFRS Business Type** Products Details SS UTENSILS Stall No. Hall 3 / Stall 58 Company Name BHAGWAN SHRI STRIPS PVT JB STEEL, A-46, WAZIRPUR Address DELHI-110052 City Contact Person Mr. Sanjay Jain, Mr. Abhishek Jain **PROPRIETORS** Designation Cell No. 9810031328, 9711460680 sjainsteel@yahoo.com Email abhishek jain1993@yahoo.in Business Type MANUFACTURERS Stainless Steel Circle, Coils, Utensils, Wires Hall No. 3, / Booth 83 Products Details Stall No. **BHARAT STEEL YARD** Company Name PRIVATE LIMITED Address 12, SKM HOUSE, KHETWAI 6TH LANE MUMBAI - 400 004 Contact Person Shailesh shah /Dinesh shah Position / Designation **PROPRIETORS** Telephon No. Fax No. 022 6116222 ( 10 LINE ) 022 61164444 Email sales@bsypl.com Website www.bsypl.com Business Type TRADEŘS STOCKIST OF STAINLESS STEEL COIL /SHEET / WIRE / BRIGHT BAR AUTHORISED Products Details STOCKIST OF : TATA WIRON JINDAL STEEL, VIRAJ STEEL Hall No. 3, / Booth 36 Stall No. **BHALARIA METAL CRAFT** Company Name PVT. LTD Raj Asman, Ground Floor, Address Swami Satyanandji Maharaj Marg, Off Radhaswami Satsang Road, BHAYANDER (WEST) DIST. THANE - 401101 City THANE Contact Person NEHAL GANATRA Designation MARKETING MANAGER +91-22-28198226 +91-22-28198227 Telephon No. Fax No.

+91-9920021845

sale@bhalariametal.com

Cell No.

Website

Email





Products Details : Stainless Steel products for Houseware & Food Service Industry viz. Bar Accessories, Restaurant supplies, Kitchenware, Fabricated products, Wire products, Bake ware, Aluminum products, Bathroom Accessories, Office Accessories etc. We specialize in OEM products. Stall No. Hall 1, Booth 12 **BHATT BROS** Company Name NIDC Estate, Near Trumac Address Engineering Company, Lambha City AHMEDABAD-380026 Contact Person Mr. Kankesh Bhatt, Mr. Udayan Bhatt, Designation Director 8042969551 Cell No. info@bhattbros.com Email www.bhattbros.com Website Brand Name BHATT BROS Business Type Manufacturers Products Details Textile Machinery Spares, Textile Machinery, Integrated Sheet Metal. Integrated Sheet Metal Precision Sheet Metal Components Hall No. 2 / Booth No. 78 Stall No. **BHAWANI KITCHENWARE** Company Name : PVT. LTD B-2, Hatkesh Udyog Nagar, Address Mira-Bhayandar Road, Behind Hundai & Maruti CAR Showroom, Mira Road (E) MUMBAI-401107 City Mr. Hansraj Patel, Mr.Mahesh H. Contact Person Patel, Mr.Mahender Patel Designation Directors 022 28553133, 28104006, Telephon No. 28131434. 022 28103139. Fax No. 9821086664, 9819 566842, Cell No. 9930341434 info@bhawanikitchenware.com, Email sales@bhawanikitchenware.co Website www.bhawanikitchenware.com Brand Name "Bhawani" (The King of Kitchenware....) Manufacturer & Exporter of Business Type Stainless Steel Utensils. Induction based & Capsulated based Pots, Pans, Wok, German Cookare Sets, Italian Products Details : Sets, Trio Supreme Sets, Insulated Food Warmer, All types of new Trays, Kitchenware, Tabelware & Hotelware. Stall No. Hall No. 4 / Booth No. 17 BHUTAJI INDUSTRIES Company Name C/110/1 GIDC., Ambikanagar, Address Road, Odhav, AHMEDABAD (GUJRAT)-City 382415 Contact Person Mr. Bhawar Jain, Mr. Suresh

Jain, Mr.Chirag Jain PROPRIETORS Designation 079-22891682 Telephon No. 9426087464 Cell No. rchiragb@yahoo.co.in MANUFACTURERS Email Business Type Products Details Stainless Steel Utensil Housewaer, Vali, Baket, etc. Stall No. Hall No. 4, / Booth 12 Company Name **BOSKINA IMPEX** GALA NO. 10/12, ANAND IND. ESTATE, NAVGHAR ROAD, Address BHAYANDER (E) 401 105.

INDIA MUMBAI COUNTRY City Contact Person MR. SAMEER P. SHAH PROPRIETOR Designation 022 - 2817 4545/4646. Telephon No. 022 - 2816 6363 Fax No. Cell No. 9820077884 Email shah\_sameer16@yahoo.co.in/e xports@boskina.in Website www.boskina.in BOSKINA /BOXY MFG. ST. STEEL UTENSILS Brand Name Business Type Products Details SPECILISED IN SEE THRU PRODUCTS & DEEP CANISTERS Stall No. Hall No. 1 / Stall 79 **BUTTERFLY STEEL'S** Company Name Address Mr. Bharat Bhai Dedhia, Mr. Kishore Mavji Dedhia City E/4. Jay Ambe Ind. Estate. Gr. Floor, B. P. Cross Road, No. 5, Contact Person BHAYANDER (E) (MHRSTR)-401105 **PROPRIETORS** Designation 022-39316211, 28046720 9324590110, 9322214433 Telephon No. Cell No. butterflyrichlife@gmail.com, butterfly.steel@gmail.com Email Website www.butterflysteel.com BUTTERFLY Brand Name Business Type MANUFACTURERS Products Details STAINLESS STEEL UTENSILS. Stall No. Company Name Address AHMEDABAD City Contact Person

HOUSEWARE, KITCHENWARE Hall No.1 / Booth 85 CALICO METALS 1/B/1 AFRICAWALA ESTATE, OPPCOMMET HOUSE, KEVAL KANTA ROAD RAKHIAL KAPIL GANDHI Designation PROPERITOR 079-22749236, 22749237 079-22748995 Telephon No. Fax No. Cell No. 090999 11191 calicometal@yahoo.co.in www.calicometals.net Email Website Business Type TRADER Products Details PIPE/TUBES/COIL/PLATE/SHE

Stall No. STALL NO. 70 / BOOTH **CAREWELL UTENSIL** Company Name : INDUSTRIES PLOT NO. G-715,METODA Address

ET/FITTINGS/FLANGES/

G.I.D.C., LODHIKA IND. ESTATE

RAJKOT ASHOK BHAI PATEL, DAMJIBHAI PATEL Contact Person Designation Telephon No. CEO 2827287726 Fax No. 2827287726 Cell No. Email Website Brand Name Business Type Products Details

City

9426967152, 9409014785 carewell.industries@yahoo.com www.casserolecarewell.com CAREWELL MANUFACTURER ALL STAINLESS STEEL INSULATED CASSEROLE(HOTPOT) Stall No. Stall 50-A / Hall 1

Company Name: **Chaoan Caitang Shixing** Tempered Glass Lid Factory Address No.15 XianEr Industrial

Park, Caitang, Chaoan, Chaozho u, Guangdong, China chaozhou Contact Person vaoxuan huano

Designation SALES MANAGER Telephon No. 0768-5632719 0768-5632210 Fax No. Cell No. 13413779999 Email info@shixingcn.com, shixingcn@hotmail.com Website www.shixingcn.com Brand Name SHIXINGDĂ Products Details tempered glass lid Stall No. CHINA 33 / Hall 2 Guangdong Wannuo Machinery Co.,Ltd No.6 of Changming West Road,Ronggui Rongli Company Name : Address Neighborhood

Committe, Shunde District, Foshan, China (Mainland) City Foshan Qinggui Wan 86 13450572818 86 757 28317106 Contact Person Telephon No. Fax No. Cell No. 86 757 28317106 Email wanqinggui@fswannuo.com http://www.fswannuo.com/ Website Brand Name WANNUO Business Type Products Details **MANUFACTURERS** Polishing machine, grinding

machine, welding machine, stainless steel product processing CHINA 45 / Hall 2

Stall No.

Company Name **GUANGDONG** XIANGXINGFA ART GLASS CO.,LTD Address

XIANGONG AREA, OUTBOARD OF DONGCAI ROAD. XIANLE'ER VILLAGE, CAITANG TOWN, CHAOAN DISTRICT, CHAOZHOU CITY,

GUANGDONG PROVINCE, CHINA CHAOZHOU

WANG SHIXIONG SALES MAN 0768-5634972 Contact Person Designation Telephon No. Fax No. Cell No. 0768-5634970 13827339012 Email sales01@xxfglass.com Website xxfglass.en.alibaba.com

City

Brand Name XIANGXINGFA (XXF) Business Type MANUFACTURERS Products Details Largest manufacturer for glass lid in China, producing all kinds

of tempered glass lids, with the capacity up to 6 million pcs/month. CHINA 46 / Hall 2

Stall No. Company Name :: CLASSIC IMPORTS PVT.

LTD. 1001, Corporate Evenue, Near Address

Udyog Bhava, Sanawala Crossland, Goregaon (E) City Contact Person MUMBAI-400101 Amit J. Patel

022-32522726, 64519771 Telephon No. 9323647537, 9892415046, Cell No. 8454047409 Email

classicimportspvtltd@yahoo.co .in, gdk2805@yahoo.co.in , amitjpatel69@gmail.com

**IMPÖRTER** Business Type KITCHEN APPLIANCES, Products Details HOUSEWARE PRODUCTS Stall No. HALL NO. 4, / BOOTH NO. 7

D.B ENGINEERING Company Name A-119, Okhla Industrial Area, Phase-II, New Delhi Address

Delhi Contact Person Shri Raman Raina G.m Admin Designation



City

Contact Person

Designation

Telephon No.

Business Type Products Details

Contact Person

Products Details

Designation

Fax No.

Cell No.

Stall No.

Cell No.

Website

Website

Brand Name

Business Type Products Details

Email

Email

Telephon No.

Fax No.

Cell No.

Stall No.

City

Email Website



Cell No. 9910395553 sales@atlasknives.com Email Website www.atlasnice.com Brand Name Atlas K Nice Business Type Products Details Manufacture Cutting Blaid, Knif, All Kichenwere. Hall No. 2 / Stall 57, 58 Stall No.

D. R. MACHINE TOOLS Company Name 306, SUR SARTHI COMPLEX. Address OPP CENTRAL BANK, AMBAWADI,

AHMEDABAD-380 006 GUJARAT, INDIA. RAKESH SHAH BALKRISHNA SHAQH PROPRIETOR / HEAD

MARKETING +91 - 79 - 26407965 --N. A. +91 - 98250 95638 / +91 -

98981 22147 info@drmachinetool.com www. drmachinetool.com Brand Name **TECHNO** 

MANUFACTURING CENTRELESS TUBE /ROD POLISHING MACHINE, SURFACE POLISHING MACHINE, PIPE NOTCHING

MACHINE Hall No. 2 / Stall 18

DeeTee Industries Ltd. 28/33, Pologround Industrial Company Name Address

Estate. Indore - 452 015 Mr. Rajesh Dubey Sr. Manager (Mktg) 0731-4296711/4296777 0731-4296766 9826434575

rajeshdubey@deeteegroup.co m/ deetee@deeteegroup.com www.deeteegroup.com

Website Brand Name DeeTee Business Type MANUFACTURERS

Slitting Cutter, Spacer, Rubber Spacer, OASD, Work Rolls, Leveler rolls,

Hall No. 2, / Booth 21

**DEV ABRASIVE** Company Name

79 SHIV GANGA INDL ESTATE; Address LKESHWARI; BHAGWANPUR ROORKEE; UTTRAKHAND City Contact Person NITESH KEDIA / RAJENDRA

KEDIA SALES TECHNICAL Designation 022-28828419 , 28812186 , Telephone No.

28804825 98334 45444 info@devabrasive.in www.devabrasive.in Hermes Abrasives MANUFACTURER **ABRASIVES** 

**DEV ENTERPRISE** Company Name

26/2 , Makani Ind. Estate Bhaji Mkt. Road , B.P Road Bhayender (E) Address

Thane City Contact Person Ganesh . Manjrakar Designation Owner 022-39317444 9323751008 , 7738682661 Telephon No. Cell No. Email

Sale@dev-entp.com www.dev-entp.com Business Type Manufacture

Products Details Hotelwere , Barwere , Tablewere All Kitchenwere, Items

Stall No. Hall No. 1 / Stall 26 Company Name **DEVJAS INTERNATIONAL** 

906, K.L.J. Tower North, Netaji Subhash Place, Pritampura Address DELHI-110034 City

Designation **PROPRIETORS** Telephon No. 011-32502451, 27475899, 27475646

9312222851, 9350041466, Cell No. shankeshwarjain@gmail.com, devjastrading@gmail.com, Email www.deviasinternational.com Website

DEVJAS Brand Name Business Type

MANUFACTURERS & EXPORTER, TRADING Products Details S. S. pata, sheet and coils and

raw material, flat, round, Stall No. Hall No. 4, / Booth 27

Company Name : **DHARNIDHAR METAL** INDUSTRIES

Address SHOP NO 4 R.K ESTATE BEHIND VIJAY INDUSTRIAL ESTATE, NEAR BHIKSHUK

GRUH, ODHAV, City AHMEDABAD Contact Person PRADEEP JAIN Designation Telephon No. Director 079-22977027

9825517968, 9426014791 Cell No. **Email** 

rnidharmetal@gmail.com Website www.thekitchenkrafth.com Kalash, Kitchen kraft MANUFACTURE Brand Name Business Type Products Details HOUSEHOLD, Cookware,

CopperwareKitchenwer, containers, Plates

Stall No. Hall No. 1, / Booth 33

Company Name **DIPLOMA METAL** INDUSTRIES

B/7, RAVI ESTATE, AMBIKA NAGAR, NEAR HANUMAN TEMPLE, ODHAV Address

AHMEDABAD

jainpradeep01@gmail.com,dha

BABULAL K. BOTHARA, Ramesh D. Bothara Contact Person

Designation Propirter Telephon No. 079-22972686 Cell No. 9426170801

bkbothra9@gmail.com, Email nareshshah1954@gmail.com DIPLOMA Brand Name

Business Type MFRS

City

**Products Details** HOUSEHOLD, Thali, pwali, Plate

Stall No. Hall No. 1, / Booth 70

**DIVYANG METALS (TITU)** Company Name Address

B-26, Near Raja Park, Wazirpur Indl Area NEW DELHI-110052 City

Contact Person Mr. Mahesh Gogia, Mr. Arun Gogia

PARTNER Designation

Telephon No. 011-27375296, 42473296 Cell No. 9871147755, 9560188885 divyangmetals@yahoo.co.in DIVYANG Fmail Brand Name

MANUFACTURERS & Business Type TRADERS

Products Details Stainless Steel Utensils HALL NO. 4, / BOOTH NO. Stall No.

**ELECTROTHERM (INDIA)** Company Name : LTD.

Address Survey no .72, Palodia, Via Thaltei

City AHMEDABAD-382115 Contact Person Mr. Shailesh Bhandari, Mr.Mukesh Bhandari Designation **PROPRIETORS** 

Telephon No. Cell No. 02717-660632, 650550, 233072

9825159296 mkt@electrotherm.com, Email

ho@electrotherm.com www.electrotherm.com Website Brand Name ELECTROTHERM Business Type MANUFACTURERS Products Details Steel & Pipe, Steel Division Hall No. 2, / Booth 23 Stall No.

Energy Mission Machineries (India) Private Company Name

Limited

Address Plot No. 5210, Phase - Iv, Opp.

Ramol Police Chowky, G.I.D.C. Vatva, Ahmedabad - 382445, Gujarat, India

City

Ahmedabad Mr. Dinesh Chaudhary / Mr. Contact Person

Snehal Mehta

Designation Director Telephon No. 079-25840067 / 40085558

Fax No. 079-4008 5558

Cell No. 098243 03302 / 098244 81470 Email info@energymission.com;

energymission@gmail.com Website www.energymission.com ENERGY MISSION Brand Name MANUFACTURERS Business Type Products Details Hydraulic & NC Shearing Machines | Hydraulic Press

Brake | NC & CNC Press Brakes | Hydraulic Iron worker Plate Bending Machines Hydraulic Press | C-Frame Press | Horizontal Press | Busbar unit & special purpose machine

Stall no: 64 A (Hall: 2)

**EVERSHINING** Company Name

Stall No.

INTERNATIONAL (H.K.) LTD.

G.Z.OFFICE: ROOM 1907-1908, HUANGCHAO GE, Address

NANTIAN BUILDING. ZHUJIANG NEW CITY GUANGZHOU

City Contact Person Mr.Alan Zheng Designation Marketing Manager Telephon No.

0086-20-38250201 / 38207049 Fax No. 0086-20-38207425

0086-18576400828 jack\_yss@163.com; Cell No. Fmail alanzheng2011@sina.com www.gzeversunn.com; www.gz-Website

eversunny.com MANUFACTURER/AGENCY

Business Type Products Details Stainless Steel Press Pipe Fitting, Metal Processing

Machinery Hall No. 2, / Booth 16 Stall No.

Company Name **FABRIMECH ENGINEERS** PVT LTD

32 SIDCO INDUSTRIAL Address ESTATE, AMBATTUE ESTATE.

CHENNAI City THOMAS K VARGHESE / STEPHEN K THOMAS Contact Person

Designation Telephon No. DIRECTORS 9840136997 / 9840049486

91-44-26252039 Fax No. Cell No. 9840136997 / 9840049486 Email Fme@fabrimech.com

Website Www.fabrimech.com **Brand Name FABRIMECH** 

MANUFACTURE EXPORTER STAINLESS STEEL WESTERN CLOSET, SS SQUATTING PANS Business Type **Products Details** AND TOILETS

HALL 2 / Stall 74

Stall No.





mpany Name : FEIDA (Anhui) Advanced Stall No. Hall No. 2 / Booth No. 79 Foshan Kun Liu Sheng Material Teconology Co., Company Name : **GARUDA OVERSEAS** Composite Material Company Name Ltd. Xingang road No.9, Gangkou Industry park, Ningguo City, Anhui Province, China Co.,Ltd dress Mangal Murti, Opp. City Gold, Ashram Road Address Address No.2 33,2/F,Block5,(International)Met City AHMEDABAD Ningguo, Anhui, China al Center Lanshi, Chancheng Contact Person Mr. Ugamraj Hundia, Mr. ntact Person James Wu, Grand Xie District, Foshan City, Guangdong Jitender Hundiya Export Manager 0086-563-4871668 0086-563-4871866 ext. 888 0086-18010813743 Owner 079-26574869 (O), Fax 079-26574870 9998111777 Province,528000,CHINA Designation signation ephon No. Foshan ,Guangdong Telephon No. k No. II No. Contact Person Fax No. Rick Lee Foreign Trade Sales Manager +86-757-83836678 +86-757-83836678 Designation Telephon No. Cell No james.wu@feida-group.com info@garudaoverseas.com, garuda@garuda.co.in, www.garuda.co.in lier Email Fax No. bsite www.ahfdgy.com www.feidagroup.com Cell No. +86-13380233923 Website FEIDA sales@klsfh.com Brand Name GARUDA and Name Email Business Type Products Details MANUFACTURERS Website www.klsfh.com Manufacture & Exporter siness Type M.S. angel, channerl & bar, St. steel & Aluminium, Sheet, plate, ducts Details cold rolled coils of stainless Brand Name KUN LIU SHENG steel Business Type MANUFACTURERS/EXPORTER /IMPOTER/TRADER pipe, Rod, flat, circle, coil, wire, HC, HCR, copper, brass, Hall No. 4 / Booth No.1 HALL 2 / China - 34 III No. mpany Name : FILCO TRADE CENTRE PVT. Products Details : Metal composite material metal clad plate stainless steel clad Stall No. LTD. 11, Purneshwar Chambers, 1st plate, cookware circle, stainless Company Name **Gauray Metal Industries** dress steel plate/coil/pipe etc CHINA 31 Floor, Opp. Dinesh Hall, Nr. Gauray Metal Industries, Behind Address Stall No. Ishar Sar Gurdwara, Bye AHMEDABAD-380009 Pass, Village Panj Dhera, PHILLAUR, Dist-Jalandhar, Punjab, INDIA, ntact Person **FOURTUNE METCAST** Mr. Deepak M. Shah, Mr. Hitesh Company Name 102, PARMATMA PLAZA, HOSPITAL ROAD, CHETAK CIRCLE, UDAIPUR, N. Shah Address signation Phillaur Owner City 079 27545747, 079 27545748 Contact Person Gorav Gupta ephon No. 079 27541949 k No. City Udaiour Designation Owner nail info@filcobearing.com, Contact Person ASAD SIDDIQUI Telephon No. 8283811651 Cell No. 9814048651, 9855048651 filco11@gmail.com, Designation Owner bhavya@filcobearing.com Cell No. 9414167452 Email gauravmetalindustries@yahoo. bsite www.filcobearing.com Email fourtune.metcast@yahoo.com and Name FILCO Brand Name FNC com; info@ironutensils.com TIMKEN, FYH, IKO, NACHI, Business Type Products Details siness Type Manufacture Website www.ironutensils.com LUCKY Ralling , baloster, Sheet Brand Name TWB ducts Details **BEARINGS** Business Type Products Details MANUFACTURERS/EXPORTER HALL NO.2 / BOOTH NO. 41 Iron Cookwares (Iron Tawa, Iron III No. **GALAXY KITCHEN** Kadai, Iron Frypan, Iron Dosa Company Name : mpany Name : **FINISHING TECHNOLOGIES** APPLIANCES Tawa), Pressure Juice Machine, "OM" 13-BALAJI IND ESTATE, NEAR MURLIDHAR WEIGH BRIDGE, MANDA DUNGAR MAIN ROAD, NEAR AJI DAM (FINTECH) Address Saag/Palak Cutter, Puri Press, C-206, RNS Shanti Nivas, Next dress Wooden Items to RNS Motors Turnkur Road, Hall No. 1 / Booth No.34 Stall No. Yashwantpur BANGLORE-560022 CHOKDI. **GLARE APPLIANCES PVT** Company Name RAJKOT 360003 (GUJARAT) (KARNATAKA) City LTD ntact Person Ravindra Salunke INDIA Address Plot No. 188-C, Rajkot Gundal signation Owner Contact Person Nilesh Raiyani, Rohit Raiyani Road, National Highway No. 27, VERVAL (SHAPER), Dist. RAJKOT (GUJ)-360024 080-23743222 Designation ephon No. Owner 9663331848 Cell No. 9825620772 / 9925220772 II No. City INFO@LITEXINDIA.COM WWW.LITEXINDIA.COM LITEX COOKWARE Contact Person nail sales.fintech@gmail.com, Email Mr. Jayanti Bhai B. Patel Position / Designation ravindra@fintech.info Website Owner 0281-252391, 252512 Brand Name bsite www.fintech.info Telephon No. Cell No. MANUFACTURERS FINTECH Business Type Products Details 98240 66323 and Name **MANUFACTURERS** MANUFACTURER AND Email sales@glareindia.com siness Type Automation And Coating Lines EXPORTER OF ALUMINIUM ducts Details Website www.glareindia.com For Cookware Ind. Surface PRESSURE COOKER AND Brand Name GLARE APPLIANCES MANUFACTURERS & Finishing, Laser Systems, OTHER COOKWARE ITEM Business Type III No. Hall No. 2 / Stall No. 85 Stall No. Stall 73 / Hall 1 **EXPORTER** Products Details S S Utensils; Specialist in China Foshan Baiguan Science **GANPATI INDUSTRIES PVT.** Plate & Chibba
HALL NO. 1 / BOOTH NO. mpany Name : Company Name : and Technology Co.,Ltd. Baiguan Building, Shishan Twon, Nanhai District, Foshan Stall No. LTD. 54, Vikas Estate nr. Anil Starch Address dress Mill,Bapunagr City, Guangdong Province, AHMEDABAD Company Name : **GLARE HOME PRODUCTS** City Contact Person PVT. LTD. Ratan Jain, Ankit Jain, Jagdish Foshan City Address PLOT NO. 16, SURVEY NO. y ntact Person 172/1/P, OPP. KRISHNA PARK HOTEL, NR. RAILWAY CROSSING, SILVER INDL. EST., 8-B N/H, KOTHARIYA RAIKOT Eric Xiao Designation Director 0086-757-88389896 Telephon No. Cell No. 079-22922992 signation 9426011536, 8866144731 ephon No. 0086-757-88389878 k No. Email i10doorfitting@gmail.com,info @i10doorfitting.com http://www.i10doorfitting.com/ II No. 0086-139 2992 2994 City nail sales@tubesmill.com Contact Person DHARMESH BHAI bsite www.tubesmill.com Website Designation MARKETIN MANAGER Cell No. and Name Brand Name 9898100121, 9377112100 MANUFACTURERS MANUFACTURERS siness Type Business Type Email info@blazeindia.in Tube mill/Roll set/ERW pipe MANUFACTURING MORE oducts Details Products Details Website www.blazeindia.in THAN 200 ITEMS SUCH AS ALDROPHANDLE, TADI, TOWER BOLT, DOOR STOPPER, GATE-HOOK, HINGES, SCREW, ZULLA, BLAZE MFRS making machine/Polishing **Brand Name** machine/Embossing machine/Inside weld bead remove/ Annealing machine Business Type Products Details KITCHEN TOOLS & CUTLERY Stall 71 / Booth 1 Stall No.

TABLE CHAIN ETC.

III No.

CHINA-35





Red: S.J.
Company Name
Address
City Contact Person Designation Telephon No. Fax No. Cell No. Email Website Brand Name Business Type
Products Details
Stall No.

Company Name

Address

Globe Steel (Global Houseware Pvt. Ltd.) 153E, EPIP, HSIDC, Kundli Sonepat, Haryana - 131028 Harvana Mr. Naresh Basia Director 01302219567 - 70 na 8222811893 naresh@globesteel.com www.globesteel.in Globe Steel, Steel 'n' Décor Manufacturers and Exporters of Stainless Steel and Aluminum Cookware Stainless Steel Houseware, Kitchenware and Aluminum Cookware Hall No.1, Booth No. 20 **G.M. INDUSTRIES** 10, Samarat Industrial, B/H St. Workshop, Near Satyanarayan Weigh Bridge, Gondal Road,

RAJKOT (GUJ) -360002 Sarit M. Kansagra City Contact Person Designation PROPRIETORS Telephon No. Cell No. 0281-2368982 9898151113 ganeshmetalind@yahoo.in Email Business Type Products Details MANUFACTURERS HOUSEWARE, KITCHENWARE Hall No. 1, / Booth 32 Stall No. Company Name **Gokul International** 

Gala No.2, Roopal Industrial Estate, H.P. Gas Godown Galli, Address Bhyandar (E), Thane -401 105 Maharashtra Mumbai City Bhayandar East Manoj Jain and Vipin Jain M Contact Person Proprietor/ Owner Designation Telephon No. 022-39315499 Fax No. 022-2804-5850 Cell No. 9322122218/9769517888 Email Website Brand Name

gokulinternational1@gmail.com www.rrgokulinternational.com (it Il take more 10 days to start) Gokul International Business Type Manufacture Products Details Stainless Steel Fancy Utensils Stall No. Hall No. 1, / Booth 81

**GRINDMASTER MACHINES** Company Name : PVT. LTD B-10 , B-14, MIDC, NEAR RAILWAY STATION, Address

AURANGABAD-431005(M.S.) AURANGABAD-431005(M.S.) City Contact Person MRS, M.M.KELKAR Designation MANAGING DIRECTOR Telephon No. 0240-2374102,2374106. 2374106 0240-2376205

Fax No. Cell No. 9822091808, 9049998311 sales@grindmaster.co.in Email Website www.grindmaster.co.in GRINDMASTER Brand Name Business Type Products Details MANUFACTURING POLISHING, BELT GRINDING, BUFFING, MICROFI

MACHINES HALL 2, STALL 50 Stall No.

Company Name GRINDTOOLS Address E-11, BHOSARI INDUSTRIAL ESTATE PUNE- 44 026 MH. PUNE City

NISHING DEBURRING

MR. YATIN MEHER Contact Person Designation PARTNER 020 27120091 / 92 Telephon No. Fax No.

Cell No. 9822093811 Email info@grindtools.com Website www.grindtools.com GRINDTOOLS MANUFACTURERS Brand Name Business Type GRINDING , POLISHING & BUFFING MACHINE Products Details Stall 42 ( Hall - 2 ) Stall No.

Company Name Grandvic (Guanzhou) Co.,Ltd Unit A2-301, Balifang Creation Address Zone, Hezheng Street Lianhe Area, Baiyun District.Guanozhou.China PRC

guangzhou DODGE LEUNG City Contact Person General Manager Designation Telephon No. 0086-20-37413786 Telephon No. 0086-20-36772084 Cell No. 0086-13570089639 galaport@163.com Grandvic Email Brand Name

Business Type

MANUFACTURERS/EXPORTER /IMPOTER/TRADER

Products Details Marterials for cookware Stall No. CHINA 30

GUANGDONG METAL FORMING MACHINE WORKS CO., LTD. NO.1 JINDOU ROAD, Company Name :

Address NANGUOXI ROAD, DALIANG, SHUNDE, FOSHAN, GUANGDONG, CHINA

City PROVINCE SYMON CHOW Contact Person

Designation Telephon No. 0086-757-22637508 Fax No. Cell No. 0086-13927288266 zhoujh@guangduan.cn Email Website www.guangduan.cn Brand Name GUANGDUAN Business Type Products Details

Stall No.

Company Name **GULZARMAL AND SONS** GOAL HATTI CHOWK ,KATRA KANHAIYA Address

**AMRITSAR** City Contact Person KUI DEEP Designation OWNER Telephon No. 0183-2531685 Cell No. 9216450685 Email

Brand Name **BHANU PRIYA** Business Type

Products Details

Stall No.

Company Name :

Address GALA NO. 1, JAYSHREE

MUMBAI-400028 City Contact Person K. V. BHASI Position / Designation

PROPRIETORS Telephon No. 22-23823723 Cell No. 9829374498 Email

Business Type MANUFACTURERS Products Details Stall No.

Company Name Address

City Contact Person Designation Telephon No. Cell No. Email Website Brand Name Business Type

Products Details Stall No.

City Contact Person Designation Telephon No. Fax No. Email Website

Brand Name

Business Type Products Details Stall No.

Stall No.

Products Details

Stall No.

City

FOSHAN CITY, GUANGDONG

OVERSEAS SALES MANAGER 0086-757-25638932

MANUFACTURERS
MECHÁNICAL PRESS,
HYDRAULIC PRESS,
AUTOMOTIC PRODUCTION

LINE

CHINA 32

gulzarmalandsons@gmail.com

S.S UTENCILS STAINLESS STEEL UTENCILS, ALUMINIUM UTENCILS,

PRESSURE COOKERS
Hall 1 / Stall 90

**GURUDEVA ENGINEERING** 

WORKS

MISTRY COMPOUND, NR. GAMDEVI TEMPLE, GAMDEVI ROAD, BHANDUP(W)

gurudevaenggworks@gmail.co

MACHINERY Hall No. 2, / Booth 7

H.K. INTERNATIONAL

42, PARAMASIVA STREET, PARK TOWN, CHENNAI NARENDER JAIN

CEO 044-23465411, 43233276 9840144344 globusware@gmail.com

www.globusware.in GLOBUS **MFRS** 

KITCHEN NOVELTIES STALL NO. 1 / HALL 1

Company Name HAMRIYAH FREE ZONE AUTHORITY

P.O.Box: 1377, SAHARJAH-(UAE) MUHAMED BASHEER Address (+971) 71505293745 (+971) 6 5263333 (+971) 6 5263555 sales@hfza.ae, info@hfza.ae

http://www.hfza.ae/ HAMRIYAH FREE ZONE MEDIA

BUSINESS DIRECTORY Hall No. 2, / Booth 53

**HERO STEEL INDUSTRIES** Company Name Address MANDI ROAD JALANDHAR CITY City Contact Person KANAV GUPTA MG. PARTNER 0181-2224542 0181-2224542 Designation Telephon No.

Fax No. Cell No. 9888145154 Email hero steel@hotmail.com hsifittings.com Website

Brand Name MANUFCTURER\ Business Type

S.S INVESTMENT CASTINGS Products Details

PIPE FITTINGS, VALVES, DAIRY FITTINGS, DAIRY VALVES, HALL NO. 2 STALL NO. 82

HIMA ENGINEERING Company Name : WORKS

Address 15, Shanti Estate, Ramol Road CTM

Ahmedabad-26(Gujarat) Contact Person Rajesh Patel 75677 70005 , 75677 70003 rajeshhpatel74@gmail.com www.himaengineeritng.com MANUFACTURERS Cell No. Email Website Business Type

S. S. Tube Mill Machines, S. S. Polishing Machines. S. S. Tube Straightening Machines. Turk Head Assembly Rolls for Tube Mill All Type of tube processing

equipments. HALL NO.2 / BOOTH NO.

HONEST ENTERPRISE Company Name : LIMITED

Address 118 MEGHDOOT APARTMENT, NEAR APSARA CINEMA, PRATAPNAGAR ROAD,

VADODARA MR. HITESH VAGHELA

Contact Person Designation DIRECTOR 0265-2424057/ 0265-2434057 Telephon No. Fax No. 0265-2422960

Cell No. 0091-9376218378 Email honest@honestlimited.com Website www.honestlimited.net

Brand Name HONEST

EXPORTER/IMPOTER/TRADER Business Type /BUYING AGENT



Products Details : STAINLESS STEEL CHEETS/COILS/PLATES/PIPES/ CIRCLES IN ALL GRADES Stall No. STALL NO. 51/ HALL NO. 3 **IDEA FACTORY** Company Name :: **EQUIPMENTS PVT LTD** PP-46, ANAND PARBAT Address INDUSTRIAL AREA, STREET NO. 10, DELHI-110005 AJAY WADHWA City Contact Person PROPRIETORS Designation Telephon No. 011-28761442 Fax No. 011-27785762/64534777/28761442 Cell No. 9810052956 Email sales@ideafactory.co.in www.ideafactory.co.in MANUFACTURERS Website Business Type Metal cutting machine, multi jet etching machine, chemical Products Details etching machine, etching machine, baking oven, rapidetcher, name plate etching machine Stall No. Hall No. 2, / Booth 1 INNOVATIVE TECHNOLOGY Company Name : 26 , MAHADEV ESTATE-III, B/H RAMOL POLICE Address STATION, RAMOL ROAD, C.T.M., AMRAIWADI, City AHMEDABAD Contact Person ARVIND B PATEL Designation owner 9825398702 Cell No. Fmail info@innovativetechnologies.co arvindmotka@rediffmail.com Website www.innovativetechnologies.co. Mfrs Business Type **BUFFING MACHINERY** Products Details Stall No. STALL 61 / HALL 2 Inductotherm (India) Pvt. Company Name : Ltd. Address Bopal, Ahmedabad 380058 City Ahmedabad Contact Person Rajkumar V.M. Designation Marketing Executive 02717 231961 02717 231266 Telephon No. Fax No. Cell No 9374578586 Email rajkumar@inductothermindia.c om Website www.inductothermindia.com **Brand Name** INDUCTOTHERM GROUP INDIA Business Type Manufacturers Products Details Induction melting/heating/welding/vacuu m equipments/long products Hall No.2, Stall No.52 Stall No. Company Name : **Innovative Clad Solution** Pvt Ltd Plot No M-7, Phase II, Misc Address Zone, Special Economic Zone. Pithampur, District Dhar, 454774. Madhya Pradesh, India Pithampur (near Indore) City Piyush Vijayvergia Head - Sales and Marketing

pvijayvergia@innovativecladsol utions.com Website www.innovativecladsolutions.co Brand Name Innoply® **Business Type** Manufacturer Products Details Clad Metal (5 ply, 3 ply, 2 ply) coils. Application: 5 Ply Innoply® for Energy efficient cookware to be used on induction as well as gas ; 2 ply Tableware and cookware of Copper+Stainless Steel; 2 Ply Cookware of Stainless Steel +Aluminum. Stall No. Stand No 6 - Hall No 4 ISC UDYOG Company Name ISC Compound, Janata Market, Address L.B.S. Marg, Bharidup (W), MUMBAI-400078 Contact Person Ms. Kamna Pandey Telephon No. 022 6580 3945 022 2504 0553 Fax No. info@iscudyog.com / Email iscudyog@gmail.com Website www.iscudyog.com Brand Name ISC MANUFACTURERS & TRADING Business Type Products Details Electro / Permanent Magnets, Magnetic Separators, Hoppers, Vibro Feeders,, E.O.T Electric Hoist, Goliath, Jib, Gantry Cranes, Hydraulic Grabs & Hydraulic Bailing Press, Continuous Billet Casting Machines, LRF & Electric Arch Furnaces Stall No. Hall No. 2 / Booth No. 53-A Company Name **INDIAN STAINLESS STEEL** DEVELOPMENT ASSOCIATION L-22/4, DLF Phase-II. GURGAON -122002 Address City Contact Person N.C. Mathur Position / Designation Persident Telephon No. 0124-4375501, 02, 03, 509 9810026992, 9810404044, Cell No. 9910007552 Email nissda@gmail.com Website http://stainlessindia.org/ STEEL MARKET INFO Company Name 2nd Floor, Nirmal Tower, Chopasni Road, Address Jodhour Contact Person R. L. Chouadhary Position / Designation Organizer Editor-in-Chief Telephon No. 091-291-2441415, 2632533 Fax No. 2632533 773-773-1015 / 9314713809 Cell No. info@steelmarketinfo.com Email Website www.steelmarketinfo.com / www.inoxhousewareshow.com / steeldeal.in Brand Name STEEL MARKET INFO Business Type Products Details PUBLISHER / ORGAZINER Service to Trade Since 1999 J. J. THEROMOWARE PVT Company Name :

LTD (ARIHANT METAL

PLOT NO. J/74, M.I.D.C.

TARAPUR, BOISAR(W)

HARDIK J. GALA, NAVIN

9320248811, 9820148811,

omex03@yahoo.com

Business Type

Stall No.

Products Details

Company Name :

Manufacturer/Trader

products

Steel kitchenware & household

Hall no: 4, Booth No.: 21

**JAY GURUDEVA METAL** 

WORKS)

THANE

H.GALA

Director

022-33937939

9820320691

Address

Contact Person

Designation

Telephon No. Cell No.

City

Email

Website www.omexind.com Brand Name OMEX mfrs & export SS HOTPOT& CASSEROLE Business Type Products Details STALL 66 / HALL 1 Stall No. JAGDAMBA EXPORTS Company Name Address Plot No. 153 D, I & J, HSIIDC Industrial Area, Epip Kundli City SONEPAT (HARIYANA)-131028 Contact Person Mr. Pawan Kansal Designation Telephon No. OWNER 0130-2374453-56 Cell No. 9811178827, 9810298827 info@jagdambaflatware.com, Email pawan@jagdambaflatware.com india@jagdambaflatware.com Website www.jagdambaflatware.com SHRI & SAM, JAGDAMBA MANUFACTURERS & Brand Name Business Type **EXPORTER** Products Details S.S CUTLERY HALL NO. 1, / BOOTH NO. Stall No. Company Name JAGGO OVERSEAS Address B-35/3 A, GT Karnal road, Industrial Area Behind Shakti Nagar Telephone Exchange) City DELHI-110033 ARUN TAYAL Contact Person Owner Designation Telephon No. 011-27129671/2 Fax No. 011-27129673 Cell No. 9871121080 Email gautamtayal@yahoo.co.in, reports@trademart.in www.jaggooverseas.com MANUFACTURERS & Website **Business Type** TRADERS Electroplating Chemical, Rice Products Details Machines, Polishing Compound, Abrasive Stall No. HALL NO. 3 / BOOTH NO. Jass Metalkraft Pvt. Ltd. Company Name G-72 Sarvodaya Nagar, 1st Panjrapole Lane, C.P Tank Address City Mumbai 400004 Contact Person Amar Shah Designation Director +91-22-22424137 Telephon No. +91-22-30084137 Fax No. +91-98332 75339 Cell No. help@chefkraft.in **Email** Website www.chefkraft.in Brand Name Chefkraft Business Type Manufacturers/Exporter/Importe Products Details Tri Ply Body Cookware, Storageware manufacturer Hall 1 - Booth 72 Stall No. **Jattin Enterprises** Company Name Address Kh no. 620, new friends colony, kundali, sonipat Haryana 131028 City Sonipat Contact Person Ram Marketing 9990854980 Designation Telephon No. NA Fax No. Cell No. 9582888989 ram@jattinenterprises.com Email Website www.jattinenterprises.com **Brand Name** Jattin Enterprises (JE)

7292402807

7292402800

7345881131

Contact Person

Designation

Telephon No.

Fax No. Cell No

Email





13/14 Aaradhan Industrial Address Estate, Navgrah Road, Nr Union Bank, Bhayander E City MUMBAL Contact Person Dinesh Khinvesra Designation Propirter 022-39317890, 32993890 Telephon No. Cell No. 9324404692 dinesh.videocon73@gmail.com Email www.jaygurudevmetal.com Website Brand Name Business Type mfrs Products Details SS Fancy Bowl, Plate STALL 96 / HALL 1 Stall No. Jay Kay Enterprises Company Name A-127 Wazirpur İndustrial Area Address City Delhi Contact Person Akshay Bansal Director 1127376423 Designation Telephon No.

Website Brand Name Business Type Products Details Stall No.

Company Name :

Cell No.

**Email** 

Address City Contact Person Designation Cell No. Email Website Brand Name Business Type Products Details Stall No.

Company Name :

Address City Contact Person Designation Telephon No. Cell No. Email. Website Brand Name Business Type Products Details Stall No.

Company Name : Address

City Contact Person Designation

Telephon No. Fax No. Cell No. Email Website Brand Name Business Type Products Details

Stall No.

Company Name : Address

9910076027 jaykayent@sify.com www.jaykayenterprises.co.in, www.mavenstainless.com Maven Stainless, AB Inox Manufacturing Stainless steel sheets, coil, pipes, blanks, cutlery & utensils TALL 20 / HALL 3 JAY MAA KHODIYAR ENGINEERS 2/8, SORATHIYAWADI. RAJKOT NITIN BHAI, VIJAY BHAI Propirter

9825076472, 9374124272 jaymaakhodiyar@yahoo.com WWW.perferctkitchenware.com PERFECT MFRS ALL KITCHENWARE STALL NO. 7 / HALL 1

JAY-SHREE MACHINES PVT. LTD. (KISHAN) PLOT NO. G-1148, ROAD NO. G-1, G.I.D.C. METHODA

**RAJKOT** RAJENDRA HARSORA MD 02827-287835, -36 9427221046 jayshreemachines@ymail.com www.jayshreemachines.com KISHAN MERS MACHINERY

Jieyang Guangta Industrial Co.,Ltd New Industrial Area, Baita Town

STALL 63 / Hall 2

Lancheng District, Jieyang city, Guangdong province, China Jieyang city Syliva

**Business Development** Manager 0757-83050360 0757-83901672 8613798679332 guangta0663@gmail.com www.guangta.com.cn Guanata MANUFACTURERS stainless steel coil , stainless

steel circle CHINA 14, Hall 2

Jindal Stainless Ltd. Jindal Centre, 12 Bhikaji Cama Place, New Delhi-110066

Delhi City Contact Person Mr. Rohit Raina Designation Head-Corporate Affairs and Communications

Telephon No. Fax No. 011-41462522 91 11 26170691 Cell No. 9891977442 **Fmail** 

rohit.raina@iindalsteel.com Website http://www.lindalstainless.com/ Business Type Manufactureres Products Details Stainless Steel Stall No. Hall No. 3, Booth 11

JMB METAL CRAFTS PVT. Company Name : LTD. Address

1371, KIRAN MARG, BARKAT NAJA, TONK PHATAK City JAIPUR-302015 (RAJASTHAN) Contact Person Anil Khandelwal

Position / Designation CEO (141)-2595635 Telephon No. 9829015635, 9414041661 Cell No. Email Website

jmbmetalcraft@gmail.com www.imbmetal.com Brand Name JMB Business Type Products Details MANUFACTURERS Stainless Steel Balustrades,

Steel Railings, SS Table Bases, Stainless Steel Doors & many

HALL NO. 2 / BOOTH NO. Stall No.

Company Name J.N.K. METAL INDUSTRIES RICOH, Sarneshwar Industrial Address Area

SIROHI (RAJASTHAN) City Contact Person Mr. Bhavesh Kansara Designation **PROPRIETORS** Cell No. 8469188124 bkansara.9@gmail.com Email Brand Name JANAK Business Type Products Details MANUFACTURERS 100% Pure Bronze Utensils Hall No. 4, / Booth 9 Stall No.

Company Name JUPITER MULTISTEEL Address B/105, Shanti Building No.2, Mathuradas Road Estension,

Kandivali (West), Mumbai-400067, Maharashtra. City Contact Person Mr.Prashant Shah Designation Prioprietor 022-28083984 Telephon No. Fax No. 022-28621056. Cell No. 9821055785 jupiterpra@hotmail.com Email Website www.jupitergroup.co.in Brand Name JUPITER TRADER AND IMPORTER Business Type Products Details Designer Stainless Steel Sheet

Hall 3 / STALL 74

Company Name JVL CLASSICWARE Address 44/8, E K AGRAHARAM STREET, MAHAVEER MARKET,

Stall No.

Address

E K AGRAHARAM STREET, CHENNAL City Contact Person VINOD SHAH Designation owner Telephon No. 044-23463456 Cell No. 9840026929 Email jvl@jvlclassicware.com Website www.jvlclassicware.com Brand Name JVL Business Type Products Details Mfrs HOUSEHOLD

STALL 39 / HALL 1 Stall No. Company Name KAIZEN OVERSEAS

C-1/7, GIDC, B/H NATIONAL WATER TANK, Nr APPA HOTEL AMBICANAGAR ROAD, ODHAV GIDC

AHMEDABAD City

PADMARAM KHATRI Contact Person Designation owner 079-22872447 Telephon No. Cell No. 9426172090

kaizenoverseas@gmail.com KAIZEN Email

Brand Name Business Type Products Details MERS HOUSEHOLD HALL 80 / HALL 1 Stall No.

Company Name KAMAL METAL CORPORATION NO 2 JAGGNATH ESTATE NEAR KANDWARI ROLLING Address

MILL ODHAV AHMEDABAD City Contact Person MR UTTAM RANKA Designation PROPRITOR Telephon No. 9978979329

Cell No. 9322234878 Email karnalmetal2013@gmail.com www.kamalmetals.com IMPORTER /TRADERS Website Business Type Products Details STAINLESS STEEL COILS AND STRIPS

HALL 3 / STALL 39 Stall No.

Company Name KASTURI IMPEX Address 23, KESAVA IYER STREET, City CHENNAI JAGDISH MUTHA Contact Person Designation Telephon No. partner 044-23465504 Cell No. 9840177796 kitchensteel@gmail.com Email

Brand Name Kitchen Business Type mfrs & export Products Details Cookware & Tabalware Stall No. STALL 93 / HALL 1

ACTIONWARE INDIA PVT. Company Name : LTD.

Address VILLAGE - DHOLARA, NR -KANGASHIYALI VILLAGE.

GONDAL ROAD RAJKOT - 360 022 City MR. KISHAN MANVAR Contact Person Designation V.P. (MARKETING) Telephon No. 91-2827-293552/1 Fax No.

Cell No. 91-940 930 9015 INFO@ACTIONWARE.IN Email WWW.ACTIONWARE.IN Website Brand Name **ACTIONWARE** Business Type MANUFACTURERS

EXPORTER / SUPPLIER KITCHENWARE / HOUSEWARE Products Details / CLEANINGWARE

Stall No. STALL 29 / HALL 1

Company Name : **KERIYA METAL** CORPORATION

447/449, MAULANA AZAD Address ROAD, GOVIND NIWAS, NEAR GOAL DEVAL, Mr. NARSINHMAL JAIN, Mr.

Contact Person KAMI ESH JAIN

Designation **PROPRIETORS** Telephon No. 022-

23810518/23867721/23852184

Fax No. 022-23802260 Cell No. 9820041319, 9819075570 Email keriyametal@live.in

Business Type Supplier / Trading Company Products Details Supplier of stainless steel raw materials, industrial raw materials, steel products,

stainless steel products and stainless steel components Hall No. 3, / Booth 50

Stall No.

**KEYUR KITCHENWARE** Company Name Address

UNIT NO. 5, KUNAL INDUSTRIAL ESTATE GAURAIPADA, NEAR SBI,



VASAI - EAST, THANE-401208.

MR. KEYUR NAGDA / MR.



City Contact Person Designation Telephon No: Fax No. Cell No. **Email** 

KALPESH NAGDA PARTNER 0250-6054885/6054886 0250-2452994 9321119762 / 9322234803 keyurnagda@gmail.com / info@kessentials.com www.kessentials.com / Website www.kessentials.in KITCHEN ESSENTIALS, HOME Brand Name ZONE

MANUFACTURERS & Business Type EXPORTER STAINLESS STEEL Products Details COOKWARE, HARD ANODISED COOKWARE, INDUCTION BASE COOKWARE, PRESSURE COOKERS-INNER LID AND

**OUTER LID** HALL 1/BOOTH 65 Stall No.

Company Name Address

City Contact Person Designation Telephon No. Fax No. Cell No.

Email

Website Brand Name Business Type Products Details

Stall No.

Company Name : Address

City Contact Person Designation Cell No. Fmail Brand Name Business Type

Stall No. Company Name Address

Products Details

City Contact Person Designation Telephon No. Cell No. Email

Website Brand Name Business Type

Products Details

PRODUCT Stall No.

KING METAL WORKS

Unit no.5. Steel Made Indl.Estate, Marol, Maroshi Road, Andheri east, Mumbai - 400 059 (India) Mr. Atul Shah / Mr. Kamal Shah Partner / Partner 91-22-40275711

91-22-66937988 91-9821130070 kingmt@vsnl.com;atul@kingme tal.com;kamal@kingmetal.com;

sales@kingmetal.com www.kingmetal.com KMW

Mfgrs / Importers / Exporters Stainless Steel & Aluminimum Kiitchenware, Tableware, Bar ware. Flatware for Hotel, Restaurants

& Homes. HALL 1 / BOOTH 5

**KISHAN ENTERPRISE** PATEL INDL. AREA, RIDDHI SIDDHI SOCIETY, OPP

RAILWAY OVERBRIDGE, NR. NATIONAL HOGHWAY 8-B, KOTHARIYA

RAJKOT JAYESH PARSANA Propirter 9825075094

kishan.enterprise@gmail.com KISHAN

**MFRS** 

KITCHENWARE PRODUCTS STALL 53 / HALL 1

**LALIT CASTING** 

SANSKAR SOCIETY, STREET NO. 1, NEAR SHREE HARI IND. AREA, NH-8B, RAJKOT RAJKOT

HANSARAJ PATEL PARTNER 0281-6582842 8511000851

HONESTKITCHENWARE@GM AIL.COM

HONESTKITCHENWARE.COM HONEST

MANUFACTURING, EXPORT STEEL & BRASS SEV SANCHA, KHALBATTA, CHILLY CUTTER, AND MORE THEN 100

HALL NO -1, STALL NO- 3

Company Name **LAVISH APPLIANCES** 

9-SORATHIYA WADI, Address ARADHANA CHOWK, RAJKOT - 360002. JAYESH BHANDERI City Contact Person PROPRIETOR Designation Telephon No. 0281 - 2234081 Fax No.

Cell No. M.09898103222 info@delightkitchenware.com Email Website www.delightkitchenware.com Brand Name DELIGHT KITCHENWARE Business Type Products Details MANUFACTURERS KITCHENWARE STALL 69 / BOOTH NO. 1 Stall No.

LAXCON STEELS LIMITED Company Name

Address 2nd Floor, Raivi Arcade, Opp. Gurukul Temple, Memnagar Ahmedabad-380052,Gujarat City Contact Person VINOD GUPTA Director 079-40007600 Designation

Telephon No. Fax No. 7940007666 Cell No. 9811029303 Email vinod@gopalgroup.com www.gopalgroup.com Website Brand Name LAXCON

Business Type Manufacturing of Stainless, Special and Alloy Steel Long Products

Manufacturing of Products Details Stainless. Special and Alloy

Steel Long Products
Hall No.3 / Stand No.17 Stall No.

Company Name M.A.ENTERPRISES Address

508, G.I.D.C. PHASE IV, MEHMDABAD HIGHWAY ROAD VATVA AHMEDABAD-382440

City Contact Person Mr.Ashok Bhansali Designation Owner Telephon No. 079-25831384, 25831385 Cell No. 9825030604

Email maenterprisesadi@gmail.com, enquiry@ma-enterprises.com Website www.ma-enterprises.com Brand Name MA

Business Type Products Details MANUFACTURERS CIRCLE, SHEETS, PIPE, TUBE, HOME APPLIANCES, UTENSILS, KITCHENWARE,

CUTLERY, HARDWARE SUBMERSIBLE PUMPS, LPG STOVE

HALL NO. 3 / BOOTH NO. Stall No.

Company Name : Magppie International Ltd. Address

153, A B & C, EPIP Extn., Kundli, Distt. Sonipat, Haryana 131028

City Sonipat Contact Person Parag Tandon Vice President Designation +91-130-2219901 to 07 Telephon No Fax No. +91-130-2219909 +91-9873918002 Cell No. Email parag@magppie.com Website www.magppieindia.com Brand Name Magppie; House & Home Business Type Manufacturer, exporter and trader Utencils, home décor, bar Products Details :

products Hall no.1 / Stall no. 16 Stall No.

Company Name MAHAVIR STEEL INDUSTRY Address

PLOT NO-138, RAFALESHWAR GIDC, NATIONAL HIGHWAY NO-8-A

City MORRI Contact Person SIDHARTH TIWARI Designation Telephon No. Cell No. Email

Manager 02822-292033 9727395777

mahendrajain022@rediffmail.co sidharthtiwari1982@gmail.com

Website Brand Name **ADITYA** Business Type MFRS Products Details

Company Name Address

Stall No.

City Contact Person Designation Telephone No.

Cell No. Email

Website Brand Name Business Type

Products Details

Stall No.

Company Name Address

City Contact Person Designation Telephon No.

Cell No. Email Website Brand Name

Business Type Products Details Stall No.

> Company Name Address

City Contact Person Designation Telephon No. Cell No. Email

Brand Name Business Type Products Details Stall No.

Company Name

Address

City Contact Person Designation Telephon No.

Cell No. Email Brand Name

Business Type Products Details

Company Name Address

Contact Person Designation

www.adityasink.com

SS KITCHEN SINKS STALL 82 / BOOTH 2

MANIBHADRA INDUSTRIES 45 RAGHUNAYKULU STREET, FLOOR, PARK TOWN

CHENNAI - 600003 AMBALAL B JAIN **PROPERITOR** +91 44 25355096; +91 44 23463616

+91 9884516492 ANUPAMSTEEL@OUTLOOK.C

OM WWW.ANUPAMSTEEL.COM "ANUPAM"

MANUFACTURER STAINLESS STEEL & HARD ANODIZED - KITCHEN AND

COOKWARE; HOUSEHOLD LITENSILS: STALL 62 / HALL 1

MANISH METAL

44/8, E K AGRAHARAM STREET, MAHAVEER MARKET, E K AGRAHARAM STREET,

CHENNAI LALIT SHAH owner 044-23463456 9840076638 ivl@ivlclassicware.com www.jvlclassicware.com

Mfrs HOUSEHOLD 39-A / HALL 1

MARC WORLD NO.313, MINT STREET, (NEAR

**EKAMBARESHWAR** AGRAHARAM), CHENNAI SANJAY JAIN Propirter 044-23468835 9884135199 marcworld25@yahoo.in MARC Mfrs

SS UTENSILS STALL 40 / HALL 1

maru metal industries e/11 doshi udyog nagar, jai

ambe road, bhayander (e) dist thane-401105 mumbai kanti p maru

propritor 022 28047503 & 02239316776 09322047503 & 09920017503 marumetal@yahoo.co.in

maru manufacture stainless steel utensils

**MAYUR INDUSTRIES** No. 64, Theyagappa Chetty Street, Korukupet

CHENNAI-600021 Arun Vikam Partner







Telephon No. 044 25923145, 044 25923145 Cell No. 99400 37764 mayurutensils@hotmail.com Email Website www.mayurkitchenware.com Brand Name Mayur, Modware MANUFACTURERS Business Type Products Details Stainless Steel kitchenware, serving pots and tableware Hall 1 / BOOTH 91-92 Stall No.

MEDITEK INTERNATIONAL Company Name : LIMITED

Address C - 43, DSIDC Packaging complex, Kirti nagar, NEW DELHI-110015 Contact Person Rajesh Ghandhi, Daleep Pandita

PROPRIETORS Designation 011-41420776, 25927776, Telephon No. 25927635 9811127408, 9910424377, Cell No.

9811500524 Email

Stall No.

meditekinternational@yahoo.co

Website www.meditekinternational.com Brand Name MEDITEK Business Type Products Details Manufacturering & Trading Printing Machinery Hall No. 2 / Booth 8

Company Name : **MEERA METAL** INDUSTRIES

PLOT NO. 134, G.I.D.C., BEHIND BHAGWATI FOUNDRY, Address ODHAV.

City AHMEDABAD-382415 Contact Person MOHAN CHOUDHARY Designation Owner 079-22890511, 55450051 9879791777, 9825323275 meerametalind@gmail.com Telephon No. Cell No.

Email Brand Name Meera Business Type Products Details Manufacture

S. S. utensils, kitchen-ware and house ware, Kadai & Steamer, Dinner set, Dulhan set, Handi, Lemon set, Pawali, Beda, Bucket, Canister, Top, Kadai, khumcha, Mathar, MK Thal, Gunj, Belly, Sauce pan etc, S.S. Pipes, Tubes, Sheet, Plate, Coil, S.S. & M.S. Fitting Hall No. 4 / Booth no. 24

Stall No.

Company Name : **MEHTA CAD CAM** SYSTEMS PVT. LTD.

4 & 5, 2ND FLOOR, SUMEL COMPLEX.OPP. GNFC INFO TOWER. NEAR TEJ MOTORS, Address

SARKHEJ-GANDHINAGAR ROAD. AHMEDABAD - 380059

City **GUJARAT** Contact Person Mr. DIWAKAR MISHRA Designation MARKETING HEAD

Telephon No. 079-26840551/52 Fax No. 079-26840554 9227678044 Cell No. Email

exhibition@mehtainida.com.mis hra@mehtaindia.com Website www.mehtaindia.com

Brand Name MEHTA MANUFACTURER AND Business Type

SUPPLIER Products Details :

MANUFACTURER OF PLASMA CUTTING MACHINES. LASER CUTTING MACHINES AND LASER MARKING MACHINES.

Stall No. Hall 2, Stall 13

Company Name **MEHTA ENTERPRISES** (LUCKY) E-352 MGC Sangaria

Address

**JODHPUR** City Contact Person

RAMAN BHAI MEHTA, DHANPAL MEHTA

Designation Propirter Cell No. 9460775079, 9929130222 Email mehta.dhanpal@yahoo.com

Website www.luckystainlesssteel.com, www.mehtaenterprises.in LUCKEY Brand Name Business Type mfrs

Products Details HOUSEHOLD STALL 51 / HALL 1

Company Name **METAL & MACHINARY** 321, G.V.M.M. COMPLEX, Address **ODHAV** 

AHMEDABAD-382145 City Contact Person Mr. Heerachand Hundia, Mr.

Ravi Hundia, **PROPRIETORS** Designation Telephon No.

079-25624850, 25620008 Cell No. 9825008467, 9825006608, 9426020304

ravihundia@rediffmail.com, Email ravihundia@gmail.com, garudagroup@rediffmail.com www.metalsnmachinery.com

Website METAL AND MACHINE Brand Name MANUFACTURERS Business Type Products Details TUB MILL MACHINARY, MFR. Stall No. Hall No. 3, / Booth 8

**METAL BULLETIN (SMR** Company Name :

GmbH ) Innovation Center, Kohlplatz 7, Address

6600 Reutte AUSTRALIA City Contact Person

Mr. Markos Mall, Mr. Patrica Mall Telephon No. (+43) (5672) 72737 Fax No. (+43) (5672) 72737-99 Email sjones@metalbulletin.com, charles lee@metalbulletinasia.c om

Website www.smr.at

Company Name **METAL COOKWARE** 

149, VELIAVALYA VILLAGE, VICHOOR ROAD, MANALI NEW Address TOWN.

City CHENNAL Sanjay Jain, Sudhir Bhai Partner Director Contact Person Designation Telephon No. 044-29010082, 29020103

Cell No. 9840257373 metalcookware@gmail.com WWW.SONUINDIA.COM Email Website

Brand Name SONU MANF & SUP Business Type

COOKWARE, NOT-STICK Products Details SCORPIO

Stall No. HALL No.1 / BOOTH 14

Company Name Metal Tradres (India) Pvt.

Address 685 Chowk Bara Tooti, Sadar

Bazar, Delhi-6 Delhi Contact Person Designation Telephon No. Mr. Aakash Gupta Director 011-23683271 to 76

Fax No. 011-23538557 Cell No. 9810171947 Email mtimli@gmail.com Website www.metaltradersindia.co.in Business Type Importers Nickel, Silicon, Tin, Lead etc. Products Details

Stall No. Stall 3 / Booth 66

Company Name **METALOY PRIVATE** LIMITED

City

H-49, 1st Floor, Gali No. 3, Address

Laxmi Nagar, **NEW DELHI** Contact Person Mr. M.K. Agarwal / Mr. D.R.Singh

Managing Director / AGM-MARKETING Designation

Telephon No. 0121-2440093 Fax No. 021-2512279

9971045330, 7351211666 Cell No. Email metaloy.in@gmail.com, info@metaloy.in www.metaloy.in Website Brand Name METALOY

MANUFACTURERS Business Type Products Details STAINLESS STEEL TUBES AND

STALL NO. 81/ HALL NO. 3 Stall No.

**METROLINE INDUSTRIES** Company Name

(B. N. METAL) NO. 12, PADMAVATHY STREET, Address KRISHNAMOORTHY NAGAR,

KODUNGAIYUR, CHENNAI-600018 City Contact Person Mr. SUNIL SANGHVI, Mr. GAUTAM BHAI

Designation **PROPRIETORS** 044-25359243, 25331762 9840743485, 9444012872, Telephon No. Cell No.

9444079978

Email info.metroline@gmail.com, metrolineindustries@gmail.com

Brand Name METROLINE Business Type Manufacturers S.S. Cutlery, Utensils Hall No. 1, / Booth 41 Products Details Stall No.

MICRO STEEL Company Name Address

SHOP NO 9, SILVER COMPLEX, OPP R.M.C. BUILDING (EAST ZONE), BHAVNAGÀR ROAD RAJKOT City

Contact Person INDRABHAI partner 9925044700 Designation Cell No. groupofmahalaxmi@gmail.com Fmail www.microsteels.com Website

Brand Name MICRO STEEL Business Type MFRS Products Details SS WIRES & TUBES

Stall No. STALL 75 / HALL 3 MILOVE KOTHARI

Company Name Address

215, Chandraprabhu complex, Near Sardar Patel Statue, Naranpura

AHMEDABAD City Cell No. 9998007716

STALL 77 / BOOTH 2 Stall No. **MIRA STEELS** 

Company Name 162-A, BALKRISHNA NIWAS, PANJRAPOLE RD, Address

City MUMBAI-400002 Contact Person PRAVIN RAJAWAT/BHARAT

RAJAWAT Designation PARTNER Telephon No. 022-22425695/7373

Fax No. 022-22428501 09892728880/07738549049 Cell No sales@mirasteels.com, nrajawat@hotmail.com Email

Website www.mirasteels.net. www.mirasteels.com Brand Name

Business Type manufacturers & exporters of

hotel & catering products HALL 4 / STALL 18-19 Products Details

MINOX METAL PVT LTD Company Name Address

City

7, P.C.lane, S.P.Road cross, Bangalore - 560002, India BANGALORE Mr Vijay Bhandari

Contact Person Designation Director 080-41325007 Telephon No. 080 22217144 Fax No.





Cell No. 9845007007 Email info@minoxmetal.com Website www.minoxmetal.com Brand Name MINOX STAINLESS STEEL Business Type

PROCESSING AND SERVICE CENTER SS COILS, SHEETS, STRIPS Products Details :

PIPES, TUBES AND DESIGNER

STALL NO.3 IN HALL - 3 Stall No.

Company Name : Address

ABHAY PRASHAL, RACE COURSE ROAD INDORE - 452 003 (M.P.) City Contact Person Mr. KARAN MITTAL Designation Telephon No. Fax No. Mr Shiv Kumar: 09893417000 Cell No.

Email Website Brand Name Business Type Products Details

Stall No.

Company Name : Address City Contact Person Designation Telephon No. Cell No.

**Email** Business Type Products Details Stall No. Company Name

Address City Contact Person

Designation Telephon No. Cell No. Email

Business Type Products Details Stall No.

Company Name Address

City Contact Person

Designation Telephon No. Cell No. Email Website Business Type Products Details MANAGING DIRECTOR 0731 2437500 0731 2430408

MITTAL CORP LIMITED

09425322762 / Mr. Rajesh Barla 09755595547 info@mittalcorp.net www.mittalcorp.net MITTAL

MANUFACTURERS Rod in Coils , Rounds , Billets in Stainless Steel / Alloy Steel / Carbon Steel grades, QTR/QTB (Thermo Mechanically Treated) Reinforcement Bars

Stainless Steel Reinforcement Bars STALL 12 - Hall 3

M.L.G. STEELS/ SANJAY SALES CORPORATION A-50/1, Muni Lal Chowk. Wazirpur Industrial Area, NEW DELHI-110001 Mr. Muni Lal Gupta, Mr. Sanjay

PROPRIETORS 011-27377951

9810195763 mlgsteels@yahoo.co.in MANUFACTURERS RAW MATERIAL, SHEETS, CIRLCE

Hall 3, / Booth 19

M. M. STEEL & ALLOYS 75/76, Krishna Ind. Estate, Nr. Radheshyam Estate, Opp.

G.V.M.M. Odhav, AHMEDABAD (GUJ)-382415 Goutam Sheth, Pravin Kumar, Mahaveer Kumar **PROPRIETORS** 079-22900690,

9327003335, 9428593645 pravinsheth.2009@gmail.com, mmsteelgroups@gmail.com MANUFACTURERS SS SHEET, COIL, CIRCLE.

PATTI, PATTA Hall No. 3, / Booth 61

M.P. INDUSTRIES

Plot No. 10/2, Phase Ist GIDC Vatava, Near Vatava Rly

Crossing AHMEDABAD-382445 Mr.Kushal Raj Bhansali Owner

079-25890337 09825037067, 09898507235 kushalvbhansali@hotmail.com www.stainlesssteelsheet.co.in

MANUFACTURERS Rolling Mills, Stainless Steel

Sheet, Patta-Patti Stall No. Hall No. 3 / Booth No. 16

Mr Prakash Bhansali

info@mpeekitchenette.com

www.mpeekitchenette.com

Managing Director

080-27808281

080-27820035

9686201011

MASTER

MPEE KITCHENETTE P LTD Company Name #13 Attibele Industrial Area Address Near Guestline Hotel Bangalore -562 107

City Contact Person Designation Telephon No Fax No. Cell No. Email Website

Brand Name Business Type Products Details

Stall No.

City

Stall No.

City

Manufacturers Small Kitchen Appliances like Pressure Cookers Aluminium and Stainless Steel, LPG Stoves, LPG Glass Tops, Non Stick Cookware, Mixer and Grinders, Induction Cooktops,

Wet Grinders, Rice Cookers, Electric Coil Stoves, Immersion Heaters, Roti Makers, Dry Irons Hall No. 1 / Booth No. 82

Company Name : MRB PIPE & TUBES PVT LTD 8, Lala Bholelal Ni Chali, Nagarvel Hunuman Road, Address Keval Kanta Road, Rakhial, Near Keval Kanta Road, AHMEDABAD-380023

Contact Person Mr. MAHENDRA BHANDARI Designation Owner 079-22746203 Telephon No. 9879766644 mrbpipe@yahoo.com Cell No. Email Website http://www.mrbpipes.com/ Brand Name Manufacturers & Traders

Business Type Products Details Stainless Steel, Steel TMT Bars, Pipes and Wires, Steel Tubes and Pipes, Wire

Hall No. 3, / Booth 82

MUKESH INDUSTRIES PVT. Company Name : LTD. # 65. Vvasarpadi Co-op. Address

Industrial Estate, E.H. Road, Vyasarpadi, CHENNAI (T.N.)

Contact Person Gavish Jain 044-42809873, 25510213 Telephon No. Cell No. 9840786105 info@pigeonindia.in Email www.pigeonindia.in PIGEON Website Brand Name MANUFACTURERS Business Type Products Details Serving Dish, Lunch Sets, Cookwares, Idly Cooker, Multi

Kadai, Milk Boiler Stall No. Hall No. 1/ Booth No., 21

Company Name : Address

Business Type

M.V. METAL 44/3, RAGHUNAYAKULU STREET, PARK TOWN. PARK TOWN, CHENNAI - 600 City Contact Person VIKRAM KUMAR M JAIN Designation MANAGING DIRECTOR 044-2346 5243/8673

Telephon No. Fax No. 044 - 25552426 7418045000/9840206720 Cell No. Email

vikram@mvmetal.in/maxxelindi a@yahoo.com Website

www.mvmetal.in/www.maxxelin

RUDRA/MANGALDEEP & Brand Name

RANCHER MANUFACTURE & EXPORTER SUPPLIERS AND INDIA

Products Details : S.S.DISHES, BOWLS, TRAYS,

PLATES, HOUSEWARES, HOTEL WARES & GIFT ITEMS

Stall No. HALL 1 / STALL 3A

**NAKODA METALIKS** Company Name Address

117, Vidya Industrial Estate, Nr. Srirang Chemicals, Ambicanagar Road, Odhav AHMEDABAD (GUJRAT)-

382415 Mr. Lalit PROPRIETORS Contact Person Designation Telephon No. 079-22973006 Cell No. 9662949462 Email

nakodametalik@gmail.com, nakodametal@gmail.com MANUFACTURERS Business Type STAINLESS STEEL UTENSILS Products Details

Hall No. 1, / Booth 28 **NAKODA STEELS** Company Name

City

Stall No.

F-706 NEAR KRASHNA Address DHARAM KANTA GALI NO. 6, BASNI 2ND PHASE **JODHPUR** City Contact Person JINENDRA JI Owner

Designation Cell No. 9414130699 jinen nakoda.9@gmail.com Fmail Website www.Nakodasteel.com Brand Name Nakoda Business Type Manufacture Products Details All . Kitchenwere Items. Stall No. Hall No. 4, / Booth 5

NAMAN ENTERPRISES Company Name 619/A-1, OPP MUTHOOT FINANCE, NEAR TIKONA Address

PARK MAIN LONI ROAD, SHAHDARA, City DELHI - 110032

Contact Person MR. NAMAN AGARWAL SALES AND BUSINESS Designation DEVELOPMENT HEAD Telephon No. 011-22575647 011-22575647 Fax No.

0-9871917917,9310429392 Cell No. **Email** 

naman@padprintingmachine.n

Website www.padprintings.com Brand Name ELECTROTECH Business Type MANUFACTURER OF PRINTING MACHINES

Products Details PAD PRINTING MACHINES METAL MARKING MACHINES. STALL NO. 60/HALLNO. 2 Stall No.

Company Name : NAMI STEEL PVT LTD Opp. Chharodi Railways Address

Station, Tata Nano-Ford road, Ta-Sanand City Ahemedabad PARIXIT PATEL/VINOD

Contact Person DESAI/GAURAV SHARMA MARKETING Designation

Telephon No. 079-66051212 Cell No. 9998500005 parixit@namiparixit.com Email Website www.namiparixit.com www.namisteel.com

Brand Name Nami Business Type Products Details Manufacturer

Manuacturer SS FLAT, ROUND, HEX, SQUARE, ANGLE AND CHANNEL OF ALL GRADES. HALL 3/ STALL 58

Stall No.

Company Name NAVBHARATH METAL CORPORATION

Address 4, D.R. lane, S.P. road cross, BANGLORE (KARNATAK)-City 560001

Contact Person Mr. Naveen B. Patel



Stall No.

City



Designation Cell No. Email

**PROPRIETORS** 

9342588433, 9448767829

navbharathmetalcorporation@g

Business Type Manufacturers & Traders Products Details St. steel, Ind. Raw mat.

Refrigerators copper coils in All range From 1/8" to 1" S.S. Hall No. 2 / Booth 51

**NAVKAR METAL PVT.LTD** 

Stall No.

Company Name Address City Contact Person Designation Telephon No.

PLOT NO.342, G.I.D.C. ODHAV, AHMEDABAD TARACHAND JAIN OWNER 22871016 . 22875515 Cell No. 9824051515 Email trjain@gmail.com Brand Name Navkaer Business Type Manufacture Products Details

Stall No.

Kitchenwere , Hotelwere , items STALL 67 / HALL 1

Company Name : Address

Website

**NESTWELL PRODUCTS** SOMNATH INDUSTRIAL STREET NO.2, KOTHARIYA IND. AREA, OPP. KRISHNA PARK HOTEL, GONDAL ROAD BY PASS

RAJKOT City Contact Person VASANTBHAI Designation Propirter 0281-6592477 Telephon No. Cell No. 9824413935 Email

nestwellkitchenware@gmail.co

info@nestwellkitchenware.com www.nestwellkitchenware.com NESTWELL

Brand Name Business Type MERS Products Details KITCHENWARE STALL 27 / HALL 1 Stall No.

Company Name : **NEW STEEL CENTRE /** ARISTOCRAT STEEL Address No 38, Near Kandasamy

Temple, Raghu Nayakulu Street, Park Town,

CHENNAI (T.N.)-600003 Tekchand Jain, Praveen Kumar, City Contact Person Mahipal Jain

Designation **PROPRIETORS** 044-25350326, 23463253 Telephon No.

Cell No. 9444053206

newsteelcentre@rediffmail.com, Email info@aristocratsteel.com, mahipz@gmail.com Website www.aristocratsteel.com

ARISTOCRAT Brand Name MANUFACTURERS & Business Type

TRADERS S.S. Tea Can, Hot Pot, Water Products Details :

Filter, Stock Pot, Idly cooker Stall No. Hall No. 1 / Booth 57

Company Name : **N-Mart Industries** 

374/1, GIDC, Near Hanuman Address Mandir, Makarpura

Vadodara City Contact Person Nimesh Gandhi Designation Proprietor Telephon No. 0265-2635761 Fax No. 0265-2654161 Cell No. 9898064100 Email

nmart@nmartindustries.com Website www.nmartindustries.com Brand Name NMART

Business Type Manufacturer & Exporter Products Details Stainless Steel and silicon

handles for cookware Stall No. HALL 4 / STALL 22

Company Name : OSWAL CHEMICALS

Address C/105, 1st FLOOR, GCP

BUSINESS CENTRE, OPP-MEMNAGAR FIRE STATION, NAVRANGPURA

City AHMEDABAD, 380009 (

GUJRAT) NIRAV V MEHTA Contact Person DIRECTOR Designation Telephon No. 079-26473601.02 Fax No. 079-26473617 Cell No. 9824112299

Email purchase@oswalchemical.com, nirav@oswalchemical.com OSWAL CHEMICALS

Brand Name Business Type Products Details DEALER HYDRO FLUORIC ACID

CHEMICALS HALL-2 / STALL 22 Stall No.

Company Name : **Outokumpu India Private** Limited

Address 609-612, Hemkunt Tower, Nehru Place,

New Delhi-110019 India New Delhi Mr. Yatinder Suri City Contact Person Country Head Designation 011-46518444 Telephon No. Fax No. 011-46518439 Cell No. 9818120952

Email yatinder.suri@outokumpu.com Website www.outokumpu.com Brand Name Outokumpu India Private

Limited

Sales and Marketing Subsidiary of the Outokumpu Group **Business Type** Products Details Stainless Steel coils, sheets,

plates, long products and welded tubulars

Panchmahals

**Panchmahal Steel Limited** 

GIDC Industrial Estate. Dist.

Stall No. Booth -7, Hall - 3

Company Name : Address

Kalol - 389330 INDIA City Contact Person Mr. Hanish Malhotra Designation Director -Marketing Telephon No. 02676 304777 Fax No. 02676 304888 Email Website

sales@panchmahalsteel.co.in www.panchmahalsteel.co.in Brand Name as per the attachment Business Type Manufacturers / Exporter Stainless Steel Long Products Hall no. 3 / Booth no. 36 Products Details Stall No.

Company Name : **PANCHRATAN STEELS** PVT.LTD

PLOT NO. 40, 41, 42 GIDC Address ESTATE, RANASAN, MAHUDI ROAD, NR. ASHRAM CHOKDI. TA, VIJAPUR, DIST, MEHSANA

GUJARAT City Contact Person MR.KAMLESH SHAH Designation Manager Cell No. 9687300222

Email info@panchratansteels.com Website www.panchratansteels.com PSPI Brand Name mfrs & export

Business Type RAW MATERIAL Products Details Stall No. BOOTH 77 / HALL 3

Company Name : PARMO WELDING MACHINERY P LTD

Address Atika Ind. Area Street. No. 2

Opp. Kishan Weight Bridge Dheber Road City Raikot

Contact Person Mahesh. Bhai, Harish Bhai Designation Owner

Cell No. 9824732039 . 9824480065 Email paras@parmoelectro.com Website www.parmoelectro.com

Brand Name Paras Business Type Manufacture

Products Details Soloring, Machine, Electro Dying ovens Voltage Buster BOOTH 70 / HALL 2

**PARSHVA INDUSTRIES** Company Name

13/KOHINOOR INDUSTRIAL ESTATE NEAR VIRVANI ESTA Address

W.EXPHIGHWAY GOREGAON (EAST) MUMBA

400063

Contact Person MR.MITUL SHAH, MR. NIRM SHAH

**PROPRITER** Designation

022 29270207 , 0932008118 Telephon No. Cell No. 9867165494 parshvagroup13@yahoo.com Fmail

Website www.indiamart.com/stenso Brand Name STENSO

MANUFACTURER

Business Type Products Details INSULATE HOT POT & TIFFIN SOFTLINE LUNCH BOX &

TIFFINS

Stall No. BOOTH 2 / HALL 1

PHEONIX APPLIANCES Company Name PRIVATE LIMITED

405, ASHIRWAD Address BLDG., AHMEDABAD STREET, CARNAC

BUNDER, MASJID (E) MUMBAI-400009 Contact Person MR.DINESH KIRAN **AGGARWAL** 

DIRECTOR Designation Telephon No. 022-66332479 /23486407 Fax No. 022-23488964

Cell No. +91 9820308971 dka@diamondsink.in Email Website www.diamondsink.in Brand Name DIAMOND

MANUFACTURERS STAINLESS STEEL KITCHEN Business Type Products Details SINKS, WASH BASINS & TILE

Stall No. BOOTH 78 / HALL 3

Company Name **PIGEON INDUSTRIES PVT** 

Address 65-66, Vyasarpadi Co-op Ind. Estate, É.H. Road, Vyasarpad Chennai - 600 039 City

Contact Person PRASHANT JAIN Designation Director Telephon No. 044-42809873 / 25510213 Fax No.

Cell No. 8189838383 Email info@pigeonindia.in Website www.pigeonindia.in Brand Name

Pigeon, u10sils Business Type Manufacturers & Marketing of Stainless Steel Products

Products Details utensils and Kitchenware Hall - 1 / Stall 12 Stall No.

Company Name PIONEER FORGE & **FITTINGS** 

NO 8 NANAWATI ESTATE NE KEWAL KANTA RAKHIAL Address AHMEDABAD City Contact Person MAHENDRA B MAHETA

Designation Owner Telephon No. 9033904455 Email pioneerforgefittings@gmail.co

Brand Name Biopear

Business Type Manufacture Steel Plainzes & Patta Sheet. HALL 3 / STALL 42 Products Details Stall No.

Company Name P N ENTERPRISES Address

100, B.T.COMPOUND, MALAD ),MUMBAI-400 064.India, MUMBAI

Contact Person NITIN SHAH / MITESH SHAH



Designation PROPERITOR Telephon No. 91-22-28440304 Cell No. 91-9892093139 / 91-9892243853 pnenterprises@rediffmail.com Email Website www.pnenterprises.com Brand Name Business Type Products Details MANUFACTURER KITCHEN WARE Stall No Stall 74 / Hall 1 Company Name : **Prakash Printers & Coaters** Pvt LTD 4/A/2,Jay Ambe Estate Nr Navneet Prakashan B/H Mukti Address FoundrySukhramnagar Ahmedabad-380023 City Contact Person Mr.Prakash T, Shivlani/Mr.Mayur Designation Director/Director Telephon No. 079-22760043 Fax No. 9825066641/9879766641 Cell No. Prakash Printers & Coaters Pvt Email LTD Website www.prakashprinters.com Prakash Printers & Coaters Pvt Brand Name Business Type Manfacturers Sticker Label Products Details Mfg. of self Adhesive Labels & Sticker Hall-1/ Stall 52 Stall No. Company Name **Prasum Metals Pvt Ltd** 1st Floor, Ajanta Complex, Address Guest House Road, Morbi - 363 641 City Contact Person Mr. Vishal Patel Director 91 2822 285585/285575 91 2822 285595 Designation Telephon No. Fax No. Cell No. 91 96876 85575 Email info@prasummetals.com www.prasummetals.com Website Brand Name Prasum Metals Pvt Ltd Business Type Manufacturer & Exporter Products Details Manufacturer & Exporter of Stainless Steel Wires, Stainless Steel CORE, TIG & MIG Wires, Stainless Steel Bright Bars Hall 3 / Stall 44 Stall No. Company Name : PRESSMAN PRESS INDUSTRIES 30-B, GOA-IDC, SOMNATH Address ROAD DAMAN -396 210 MUMBAI ADDRESS; B/6, NATAL ESTATE, CHANDIVALI ROAD,OFF SAKIVIHAR ROAD, Address 2 SAKINAKA, MUMBAI-400 072 City DAMAN Contact Person Mr. V.K.B.SUBRAMANIAN, Mr. MOHAN Designation PARTNER Telephon No. 9920065714 / 982006571 Mr.SATISH: 9820065715, Mr. MOHAN: 9833121476 022-28475662 Fax No. 022-28470790 / 28475662 Cell No. /28474094 Email pressman@vsnl.net, pressmanpressindustries@gma il.com www.pressmanpress.com PRESSMAN / ANCHOR MAUNUFACTURER & Website Brand Name **Business Type EXPORTER** DEEP DRAWING PRESS AND Products Details : **ACCESSORIES** 

Address City Contact Person Designation Telephon No. Fax No. Cell No. Email Website Business Type Products Details Stall No. Company Name Address City Contact Person Designation Cell No. Email Website Brand Name Business Type Products Details Stall No. Company Name Address City Contact Person Designation Telephon No. Fax No. Cell No. Fmail Website Brand Name Business Type Products Details

Stall No.

Address

Company Name

Contact Person

Designation

Telephon No.

Business Type

Products Details

Fax No.

Website

Stall No.

Email

COLONY

DIRECTOR

**EXPORTERS** 

53

STAINLESS STEEL

+91 1662 220327

+ 91 1662 220330

MR. TEJASVI BHARGAVA

CONTACTUS@QUALITYFOILS.

WWW.QUALTITYFOILS.COM,W WW.QUALITYGROUPIN MANUFACTURERS &

COILS/STRIPS, SEAMLESS &

WELDED STAINLESS STEEL

TUBES & PIPES, FLEXIBLE

HALL NO. 3 / BOOTH NO.

HOSE & ASSEMBLIES

HISAR

**PRITAM INTERNATIONAL** 1/10, Tilak Nagar DELHI RAHUL KHERA Owner 9810267965 rahulkhera@pritaminternational com www.pritaminternational.com PRITAM MANUFACTURE COOKWARE, ALL KITCHENWERE, ITEMS Stall 86 / Hall 1 PARSOTTAM INDUSTRIES 6, Bhaktinagar Station Plot Rajkot 360 002 Pankaj Pipalia Managing Partner 2812461220 2812461220 9825203451 vimal900@yahoo.com www.vimal90.com VIMAL-90 Manufacturing
Gas lighters. Chilly cutters. knives, kichen press, Sevsancha. Onion and veg cutters, cutley sets, Puran machine Hall 1 / Stall 45 **QUALITY FOILS (INDIA)** PVT LTD 3, INDUSTRIAL DEVELOPMENT

PLOT NO. C-9, ANAND NAGAR,

M.I.D.C., ADDL. AMBERNATH

AMBERNATH (EAST), DIST.

OFF: - +91 22 25471016 /

- +91 251 2621972 / 1976.

info@pressroomautomation.net

CIRCLE CUTTING LINE, ZIG-

(SINGLE/TWIN), NC SERVO FEEDER, MECHANIZED

Stall No. 10,11 / Hall No. 2

ZAG FEEDER, SLITTING LINE,

2029, FACT :- +91 251

www.powerpressline.net MANUFACTURER &

MOTORIZED DECOILER

INDUSTRIAL AREA,

MR. PARIN L KHONA

SALES EXECUTIVE

- +91 93229 51554

2621972 / 1976.

EXPORTER

STRAIGHTENER

THANE

THANE

Company Name Address Contact Person Designation Telephon No. Cell No. Email Website Brand Name Business Type Products Details Stall No. Company Name Address City Contact Person Designation Cell No. Email Brand Name Business Type Products Details Stall No. Company Name Address Telephon No. Company Name : Address City Contact Person Designation Telephon No. Fax No. Cell No. Email Website Brand Name Business Type Products Details Stall No. Company Name Address City Contact Person Designation Telephon No. Fax No. Cell No. Email Website Brand Name Business Type

**R.K. STAINLESS** 12-B, RAGHUNAYAKULU STREET CHENNAL PUKHRAJ R JAIN Propirter 044-25354748 9840038345 rkamarjyoti@gmail.com www.rkamarjyoti.com **AMARJYOTI** MFRS KITCHENWARE & HOTELWARE Stall No. 4 / Hall 1 **RAJEN ENTERPRISES** PLOT NO G- 2332/B, ALMIGHTY GATE NO-2, ROAD NO D4 B/H KIRLOSKAR OIL ENGINES, RAJKOT ASHVIN BHAI Owner 9825079620/ 9727640750 ashvinbhalodi@gmail.com Rydham Manufacture hand Mixcy , Fruit Mixer & All kitchenwere. Items Hall No. 1 / Stall no. 47 **RAJKOT KITCHENWARE** MANUFACTURE ASSOCIATION Jay Krishna Ind. Estate, Plot No.18, Nh. 8b, Shapar (Veraval) RAJKOT-360002 02827-252441 **RAJPUTANA STAINLESS** LTD 213, MADHVAS, HALOL-KALOL ROAD, Ta: KALOL, DIST. PANCHMAHAL VADODARA Shankar Mehta Owner 0265-3014817 0265-2422321 9825027823 RAJPUŤANA STAINLESS MANUFACTURERS & SUPPLIERS Stainless Steel Wire Rods,

mail@rajputanastainless.com www.rajputanastainless.com Square Bar, Round Bars, Hex Bar, Forged Ingots, Flat Bar, Billets, Angles
Hall No. 3 / Booth No. 28 SHREE RAMDEV METAL MART

Bldg. No.60, 1st Floor, 1st Carpenter Street, Off. Nanubhai Desai Road, Mumbai-400004. MUMBAI Mr. Abhishek Purohit

Managing Partner 91-022-66159028 91-022-23891817 91-09820223350 abhishek@ramdev.org, info@ramdev.org

www.shreeramdevmetalmart.co

IMPORTER, MANUFACTURER & PROCESSOR OF SS RAW

MATERIAL SS COILS/SHEETS, CIRCLES, Products Details NO.4, MIRROR, HAIRLINE & COLOUR SHEETS

Hall 2 / Booth 2

**PRESS ROOM** 

**AUTOMATION AND FEED** 

FIXTURES (INDIA) PVT.

Stall No.

Company Name :



Stall No.		Hall 3 / Stall 1	Address	24/1A, Mohan Co-Operative Industrial Estates, Mathura	Fax No. Cell No.	25000	+91 2667 264593 +91 98250 27345 // +91 99252
Company Name Address	23.73.5	1 Rajaram Estate Grevity Wathc, Chakudia Mahdev Road,	City Contact Person	Road : NEW DELHI-110044 : Mr. Udit	Email		47405 marketing@ratnaveer.com / devangs@ratnaveer.com
O:t-	114	Rakhial	Telephon No.	: 011-40512426-28	Website	20	www.ratnaveer.com
City	ij.	AHMEDABAD (GUJRAT)- 380023	Fax No. Email	: 011-26991061 : uditrathi04@gmail.com	Brand Name Business Type	2555	Ferrum Manufacturer // Exporter
Contact Person	3	Malji bhai V. Patel, Ganesh V. Patel	Website Brand Name	www.rathisteel.co.in	Products Details		No. 8 Mirror Finish / Hair Line Finish / No. 4 Satin / Mate
Designation Telephon No. Cell No.	350000000	PROPRIETORS 079-30417780, 22727780 9426344780, 9825149780,	Business Type Products Details Stall No.	MANUFACTURERS TMT BARS, WIRE, RODS HALL NO. 3 / STALL NO. 18	Stall No.	600	Finish Hall No. 3 / Stall No. : 26
Email	1	9428114127 mvnpatel@gmail.com,	Company Name	RATHORE IMPEX	Company Name Address	18	RAVI - RAJ ANODISERS C-Block, 2/21, Pimpri
		ganeshramdevimpex@gmail.co m, info@stainlesssteelramdev.com	Address	: NO 6/11 KRISHANAPA AGRAHARAM STREET , KONDITHOPE ,	City Contact Person Designation	255005525	PUNE (Maharashtra)-411017 RAVI YAWALKAR Owner
Website	8	www.ramdevmetalart.com, www.stainlesssteelramdev.com	City Contact Person	: CHENNAI : JIGNESH SHAH	Cell No. Email	100	9823208347, 9953362812 ravi@ravirajanodisers.com
Business Type	(***)	MANUFACTURERS	Designation	: CEO	Website	672	www.ravirajanodisers.com
Products Details		CIRCLE	Telephon No. Fax No.	00 91 44 23463227 00 91 44 23468342	Brand Name Business Type	255	Anodisers Manufacture
Stall No.		Hall No. 2, / Booth 80	Cell No. Email	: 00 91 9841787961	Products Details	20	Manufacturer & service providers in the domain of
Company Name	(*)	STRIPS PVT. LTD.		RATHOREIMPEXKVJ@GMAIL. COM			etching nameplates on different metals like Anodised
Address	(5)	B-67(B-1& B-2) M.I.A 2nd PHASE BASNI, JODHPUR-	Website Brand Name	: WWW.RATHOREIMPEX.COM : RATHORE			Nameplates, Etched Nameplates and Brass Etched
City	9	342005 (RAJASTHAN) JODHPUR	Business Type	: MANUFACTURER AND EXPORTER OF STAINLESS			Nameplates along with Anodized Services.
	3	SANWARMAL AGARWAL AND RAGHAV AGARWAL	Products Details	UTENSILS STAINLESS STEEL HOTPOTS	Stall No.	Š	Hall No. 3 / Booth No. 84
Designation Telephon No.	55,85	DIRECTORS 0291-2740017, 0291-2632731	Stall No.	HALL 1 / BOOTH NO. 42	Company Name Address	260,000	REAL STEEL KRAFTS 1, RATAN HALDER LANE,
Fax No. Cell No.	100	0291-2741327 098290-21009, 095711-27000	Company Name	RATNA HOME RPODUCTS PVT. LTD.	City	63	LILUAH, HOWRAH KOLKATA
Email	(8,8)	sanwarmalagarwal11@gmail.c	Address	: 63, BADA MANDIR COMPOUND, PANJARAPOLE	Contact Person Designation	2000	RAJ SHARMA PARTNER
Website	Q.	om www.jupitersteels.com	City	ROAD, MUMBAI - 400 002.	Cell No. Email	200	8420965015, 9831067008 realsteelkrafts@gmail.com
Brand Name		SUNSHINE, JUPITER AND RAMDEV	Contact Person Designation	: MR.DHIRAJ GALA : MANAGING DIRECTOR	Website Brand Name	2000	www.realsteelkrafts.com REAL
Business Type	100	MANUFACTURERS	Telephon No.	022-2242 4100/ 3240 8081	Business Type	18	MFRS
Products Details	8	STAINLESS STEEL UTENSILS , CIRCLES AND SHEETS	Cell No. Email	: 098211 39142 : support@ratnahomeproducts.in	Products Details Stall No.		STALL 48 / HALL 1
Stall No.		STALL NO.25 AND BOOTH NO.4	Website Brand Name	: www.ratnahomeproducts.in : RATNA ® / KUKU ® / GULU ®	Company Name	8	RIDDHI SIDDHI IMPEX
Company Name	ä	RAMSON INDUSTRIES	Business Type Products Details	: MANUFACTURERS / TRADER : KITCHENWARE *	Address	0.00	516 , MAULANA AZAD ROAD , NEAR GULALWADI CIRCLE
Address	0	111-D, GOVT INDUSTRIAL ESTATE CHARKOP KANDIVALI	Stall No.	DINNERWARE * TABLEWARE HALL 1 / BOOTH 13	City Contact Person	100 100 100	MUMBAI MR. SURESH KANUNGO
City	(e	(WEST) MUMBAI	Company Name	III berger in Stimule Valencia	Designation Telephon No.	2000	PARTNER 2266393666
Contact Person	23.835	PARESH SHAH	Address	TUBE LTD	Fax No. Cell No.	50000	2223872005 9820333450
Designation Telephon No.	1000	Director 022-28682618		17, Rajmugat Society, Naranpura Cross, Ankur Road	Email	2000	sureshkanungorsi@gmail.com
Cell No. Email	100	9820186233 ramsonind@gmail.com	City Contact Person	: AHMEDABAD-380013 : Prakash Sanghvi	Website Business Type	2500	www.riddhisiddhiimpex.in IMPORTER AND TRADER
Website Brand Name	12 13	www.ramsonind.com RAMSON	Designation Telephon No.	: Director : 079-27415501	Products Details	88	STAINLESS STEEL STRIPS COILS
Business Type Products Details		MFRS SS UTENSILS, CUTLERY &	Cell No. Email	9825009426 info@ratnamani.com,	Stall No.	9	BOOT NO - 35 , HALL 3
Stall No.	(6)	HOUSEHOLD ITEM Stall 6 / Hall 1		ps@ratnamani.com, export@ratnamani.com, ss@ratnamani.com	Company Name Address	6	RIDDHI METAL / TARUN ENTERPRISES S/6, Pushpam Ind. Estate, B.P.
Company Name Address	(***)	RATAN ENTERPRISES 25, Raghunayakulu Street	Website Brand Name	www.ratnamani.com RATNAMANI	3.000000.000000	50	Cross Road No.3, Bhaji Gali, Near Dhanlaxmi Electrilc, (E)
City	1000	CHENNAI (T.N.)-600003	Business Type	MANUFACTURERS	City	Š	BHAYANDER (E) (MHRSTR)-
Contact Person Position / Designa			Products Details	STAINLESS STEEL WIRE & TUBE, PIPE	Contact Person	8	401105 TALAKSHI BHAI
Telephon No.	7	044-42371194, 23468153, 25352581	Stall No.	Hall No. 3 / Booth No. 13	Designation Telephon No.	2000	PROPRIETORS 022-2804237, 28149221
Cell No. Email	2000	9840127741, 9884443682 navkarindia9@gmail.com	Company Name	Ratnaveer Stainless Products Pvt.Ltd.	Cell No. Email	775,000	9820132632 kevaltgosar@gmail.com,
Website Brand Name	10000	www.srinavkar.com SRI NAVKAR	Address	E-77, G.I.D.C. Manjusar (Savli Road),	Website	100	paanjosteel@gmail.com www.riddhimetals.com
Business Type Products Details	22.53	MANUFACTURERS Stainless Steel Houseware	City	: Dist : Vadodara : 391 775, Gujarat	Brand Name Business Type	25268	PAANJO MANUFACTURERS &
Stall No.		Products HALL NO. 1 / BOOTH NO.	Contact Person	: Mr.Vijay R. Sanghvi // Mr.Devang R. Shah	Products Details	K3	TRADERS S.S. UTENSILS
Stall INO.	8	61	Designation	: Managing Director // DGM - Marketing	Stall No.	2000	Hall No. 1, / Booth 37
Company Name	(8)	RATHI STEEL & POWER LTD.	Telephon No.	+91 2667 264594 / 264595 / 264596			

Company Name Address RIMJHIM ISPAT LTD Box, Re-Heating Furnace, Ejector Machine, Rolls 123/260,Fazalganj KANPUT (U.P.)-208012 Company Name SAGA STEEL Assembly, Pusher Machine, High Speed Flywheel C/O NARESH CHANDRA City Address Arvinder Chadha MITTAL SHAU STREET, MANDI Contact Person Designation Head-Export Business Stall No. Hall No. 2, / Booth 27 CHOWK. Telephon No. 0512-2240980-5 MORADABAD City Fax No. 0512-2295035 Company Name **ROOPS INDUSTRIES** Contact Person SOURABH MITTAL DAHANLAXMI INDUSTRIAL ESTATE, GALA NO-2, NAVGHAR, OPP POOJA HOTEL, VASAI-EAST, 9826030197, 9893690197 ac@rimjhimispat.com, owner 0591-2472201 Cell No. Address Designation Email Telephon No. mail@rimjhimispat.com, export@rimjhimispat.com Cell No. 9837063193 sagasteels@gmail.com Email www.rimjhimispat.com RIMJHIM City Contact Person Website THANE Website www.sagasteels.com TUSHAR MARU Brand Name Brand Name SAGA Business Type Products Details Business Type MANUFACTURERS & Designation Propirter Mfrs & Supplier SUPPLIERS Telephon No 0250-2391019 Copper Utensils 9869071663, 9769067011 Products Details : Integrated stainless steel plant Cell No. Stall No. STALL 46 / HALL 1 producing stainless steel Email info@roopsindustries.com, billets/blooms/slabs,Wire rods,Bright bars,Wires and Company Name STEEL AUTHORITY OF www.roopsindustries@yahoo.c INDIA o in HRAP coils and CR coils roopsindustries.com Website Address Salem Steel Plant, Salem Stall No. Hall No. 3 / Booth 5 Brand Name ROOPS City Salem (Tamil Nadu) MFRS Business Type Contact Person Mr.Raman **ROHIT FERRO-TECH** Products Details KITCHEN TOOLS & KITCHEN Designation Excutive Director Company Name : LIMITED **ITEMS** Telephon No. 0427-2383080, 2382803 Stall No. 9 / HALL 1 Address 35, Chittaranjan Avenue, (4th Stall No. Email ed@sailssp.in, Floor) sspmkt@sancharnet.in ROYAL INDUSTRIES KOLKATA-700012 Company Name City C-56/2, BASEMENT, WAZIRPUR INDUSTREAL AREA, NEW Contact Person www.sail.co.in/ Mr. Suresh Kumar Patni, Website Address Designation Telephon No. Brand Name SAIL Chairman 033 2211 9805/9806 Manufacturers DELHI-110052 Business Type Fax No. 033 4016 8107/8189 NEW DELHI Products Details Bars and rods, Billets, City Cell No. 9831005287 Contact Person MANISH GUPTA blooms, Forgings, Other Email chairman@rohitferrotech.com, Designation PARTNER stainless steel products, Slabs, 011-27377302, 42475525 enquiry@rohitferrotech.com Telephon No. plates, sheets / coils (HR) Stall No. Website www.rohitferrotech.com Fax No Hall 3 / Booth 22 ROHIT SKP Cell No. 09811370500, 08130230230 **Brand Name** MANUFACTURERS Business Type Products Details SALEM STAINLESS STEEL Email Company Name Austenitic, Ferritic, Martenistic, Austenitic-Ferritic grades, SUPPLIERS PVT. LTD. royalindustries\_cutlery@yahoo. Address #33, Lawyer Chinnathambi com Stainless Steel with special Street Kondithope royalindustriescutlery@gmail.co grades of Precipitation CHENNAI (T.N.)-600079 City Contact Person hardening, Cold heading and Website www.royalcutlery.in Mr. Sripal S. Jain, Mr. Abhishek Electrode quality etc.
Hall No. 3, / BOOTH NO. 4 www.royalsteelsindia.com ROYAL & ROYAL GOLD MANUFACTURING OF Jain PROPRIETORS Stall No. Brand Name Designation 044-23463000, 3051, 3053, Business Type Telephon No. 3054, 3055 ROHIT POLISHERS STAINLESS STEEL CUTLERY Company Name CUTLERY & DUST BIN HOTEL 0944409353 Rohit Main Road, Near Products Details Cell No. Address WARES & HOUSE HOLD 09655995555,9444964178 Radhakrishna Temple, Dahanu, info@ssssgroup.com, Dist. Thane - 401601. Email COUNTRY India Stall No. HALL 1 / STALL 22 sripal1972@gmail.com,abhishe Dahanu k@ssssgroup.com City Contact Person Mr. SAMKIT GANDHI Company Name S.L.Industries Website www.ssssgroup.com Head -F-57, Mayapuri Industrial Area, Brand Name Position / Designation Address SALEM Business Development Phase-2, SUPPLIER, TRADING Business Type Products Details supplier of SS Metal Pipe Accessories, SS Metal Rings & Telephon No. Fax No. 224603, 224604 City New Delhi - 110064 Contact Person K.K.Pahuja Cell No. 09730420999, 09890220999 Designation Proprietor Clothing, SS Metal Bars, SS sales@rohitpolishers.com Telephon No 011-41845134, 41845554 Metal Sheets, SS Metal Wire Email Website www.rohitpolishers.com Cell No. 9811144169 Supports etc. Hall No. 3, / Booth 21 Brand Name ROHIT & DAHANU Email elegantecutlery@gmail.com Stall No. MANUFACTURERS / Business Type Brand Name Elegante<sup>1</sup> Manufacturing Cutlery & Kitchen Tools Hall No.1- Stall No. 88 EXPORTER Company Name SALAM Business Type Products Details Abrasive Belt Grinding / No. 97 2nd Stage Ind. Suburb Products Details : Address Polishing Machine for SS Round / Square Tube, Rod & Stall No. Yashwantpur Tonku Road City Banglour SACHETA METALS LTD Contact Person SURESH BAGHRECHA Company Name HALL NO. 2 / BOOTH NO. SAKSERIA INDL Designation Stall No. Address Owner ESTATE, CHINCHOLI, S. V. ROAD, Cell No. 9844111037 MALAD(WEST), MU-64 Email sureshbagrech@yahoo.com **ROLL TECH ENGINEERING** Brand Name Company Name : City MUMBAI Suman Contact Person MR.SATISH K SHAH Manufacture / Raw Material Business Type Products Details PVT LTD Houseware, Vactuve Product Hall No.1 / Booth No. 83 MGG DIRECTOR B-31, C1-501, G.I.D.C. Designation Address Industrial Estate, Odhav, AHMEDABAD (GUJ) 0091-22-2872 5948 Telephon No. Stall No. Fax No. 0091-22-2873 7934 City Contact Person Mr. S. B. Chaumal, Mr. Somesh 9820137137 Cell No. Company Name S. Chaumal Email Address **PROPRIETORS** Designation sacheta@sacheta.com/sacheta City Contact Person Telephon No. 079-2870179 (W) metalsltd@gmail.com

Website

Stall No.

Brand Name

Business Type

Products Details

www.sacheta.com

FOIL, SHEET, COIL

MANUFACTURER EXPORTER

HALL NO.1, STALL NO. 11

ALUMINIUM HOUSEHOLD

UTENSILS, ALU. HOUSE

SACHETA

SANDEEP INDUSTRIES

27/A -1st Heavy Industrial Area JODHPUR (RAJ)-342003 Sandeep Kanungo Owner 0291-2744705, 2741705, 2741411

9829021704

Designation

Cell No.

Telephon No.

Email sandeep@steelglow.com www.steelglow.com Website Brand Name Steel Glow

Cell No.

Website

Brand Name

Business Type

Products Details

Email

ROLLTECH

Manufacturers

9879504470, 9825005054

sumesh27@yahoo.co.in,

Machinery: Reduction Gear

info@rolltechindia.com,

www.rolltechindia.com



Business Type Products Details Stall No.

Manufacture. Tube, Pipe, Section Hall No. 3 / Booth No. 38

behind DADRA GARDEN

MANUFACTURER

STAINLESS STEEL PIPES &

**SANVIJAY ROLLING &** 

Company Name :

Address

SANTOSH STEEL INDUSTRIES SURVEY NO. 357/3 & 357/2/1;

City Contact Person Designation Telephon No.

DADRA ATUL GOYAL DIRECTOR 0260-3292698 0260-2669146 Fax No. Cell No. 9687603059 Email atul@santoshsteels.com Website www.santoshsteels.com SANTOSH

Brand Name Business Type Products Details

TUBES Stall No. HALL 3 / STALL 30

Company Name :

**ENGINEERING LTD** 9, IMAMBADA ROAD, OPP. Address **BAJAJ STEEL** NAGPUR-440018 Contact Person Mr. Saurabh Agarwal 0712-272 9130 -136 0712 272 0716, 272 3799 Telephon No. Fax No. Cell No. 9822221505 Email steel@sanvijay.com, store@sanvijay.com

Website Brand Name Business Type Products Details

www.sanvijay.com SANVIJAY Manufacturers Angles, Channels, Broad Flange Beams, Berns/Joists, Flats, Squares, Rounds, Hall No. 3, / Booth 59

SARIKA STAINLESS STEEL

Company Name :

Stall No.

Website

INDUSTRY 86, DSIDC COMPLEX, Address WAZIRPUR INDUSTRIAL AREA City DELHI - 110052

MR. L. N. AGGARWAL & Contact Person TARUN AGGARWAL Designation PROP

Telephon No. +91-11-27371497, 27372859 Fax No. +91-11-27375528 +91-9810047991, 9810146460 Cell No. Email

info@sarikaindia.com; sssi@vsnl.com http://www.sarikaindia.com

Brand Name SARIKA MANUFACTURER EXPORTER **Business Type** Products Details STAINLESS STEEL UTENSILS & HOTELWARE PRODUCTS

Stall No. STALL NO 31 / HALL NO 1

Company Name Address

SATYAPUR STEEL 119/121, C.P. TANK ROAD, NEAR MADHAV BAUG, MUMBAL

MUMBAI Contact Person SHANTILAL SHAH Designation owner Cell No. 9223511408/9820037204

Email satyapuri@hotmail.com Brand Name SATYAPUR Manufacture. Business Type

sheet , patta, Raw matterial Hall No. 3 / Booth No. 47 Products Details Stall No.

Company Name : SAURASHTRA **ENGINEERING** 

Address 21/1, G V M M, Odhav Road, Odhav Road AHMEDABAD-382410 City

Contact Person KANTI BHAI

OWNER Position / Designation Cell No. 9825109659/8046069029 solid.saurastra@gmail.com MANUFACTURERS Email Business Type

Products Details :

STALL NO 28 / HALL NO 2 Stall No.

MACHINERY

Sawan Steel Company Name Address

G-10/A, Swastik Industrial Estate, Mira - Bhyander Road, Near Railway Crossing, Bhyander East, Thane 401105, Maharashtra, India.

City Mumbai Contact Person Ramesh Nagda Designation Telephon No. Director 022-28181852 Cell No. 8080666607 Email info@sawansteel.com Website www.sawansteel.com Brand Name Sawan | GoodLife | Platinum Trader Business Type Products Details

Designer Canister, Lunch Accessories, Kitchen Utility, Storage Canister, Liquid Vessels

Stall No. Hall - 1, Stall -54.

Company Name SWATI METAL

PINNACLE CORPORATION, GOLDEN CHOKDI, BEHIND Address KRISHNA PARK, NEAR PRASHANT FOUNDRY, VAVDI. RAJKOT-380002

City Mr. MUKUNDSINH JHALA Contact Person PROPRIETORS Designation Telephon No. 0281-2388673, 2362686 Cell No. 9825076868

Email info@swatimetal.com, Mukundsinh.jhala@yahoo.com Website www.swatimetal.com

Brand Name SWATI Business Type MANUFACTURERS

Products Details STAINLESS STEEL UTENSILS AND HOUSEWARE

**PRODUCTS** 

Stall No. Hall No. 1, / Booth 43

Company Name Saya Paper Print Pvt. Ltd. Address

Nr. Khodiyar mata mandir,sharkhej-sanad road,santipura village santipura, sharkhej- 59 ahmedabad City

gujarat Índia . Contact Person sabir kabli Designation Director Telephon No. 9825040377 Cell No.

7931907770 chirag.vishnagar@gmail.com / rafikkabli@yahoo.com www.sayaprint.com Fmail Website

Brand Name Saya Etching Business Type manufacturers Products Details

designer Stainless Steel sheet and press plate, moulds. Stall No. HALL NO. 3 / BOOTH 29

SCREENLAND PRINT INDIA Company Name : PVT LTD

Address NO-

51, KRISHNAAPPA, AGRAHARA M STREET, KONDITHOPE, CHENNAI City Contact Person RAJIV BHAI

Designation Director 044-23465425 Telephon No. Cell No. 9884022026 info@screenland.in Fmail Website www.screenland.in Brand Name SLB

Business Type Mfrs Products Details

Address

STICKER & LABEL Stall No. STALL 56 / HALL 1

SEVEN SEAS Company Name CORPORATION

111-D. GOVT INDUSTRIAL ESTATE CHARKOP KANDIVALI (WEST)

City Contact Person Designation Telephon No Cell No. Email Website

MUMBAI PARESH SHAH Director 022-28682618 9820186233 ramsonind@gmail.com

www.sevenseascorporation.co

SEVEN SEAS Brand Name Business Type Products Details **IMPORTRS** HOUSEHOLD ITEMS STALL NO. 6 / HALL 1 Stall No.

Company Name Address

SHAH ALLOYS LTD 5/1, Shreeji House, Behind M.J Library, Ashram Road.

AHMEDABAD (GUJRAT) City Contact Person Rajender V Shah Designation Owner Telephon No. 02764 - 661100, 286525,

286545 Cell No. 9099023093 Email info@shahfoils.com

Website www.shahalloys.com Brand Name SHAH ALLOYŚ MANUFACTURERS Business Type Products Details Flats, Other stainless steel products.Sheets / coils (CR), Slabs, plates, sheets /

coils (HR) Wire Hall No. 3 / Booth No. 23

Company Name

Stall No.

SHAH FOILS PVT. LTD. Address Reg. Off.: 1820/1 Santej-Khatraj Road, Near Rajnagar Bus Stop.

Santej, Taluka: Kalol. (Guj.) Dist. GANDHINAGAR (GUJ)-382725 City Contact Person Dinesh Shah/ Kartik Shah **PROPRIETORS** Designation Telephon No. 02764-320500, 286894, 286234

Cell No. 9820149989, 9376168794 Email info@shahfoils.com, krshah@shahfoils.com,

shahfoils@hotmail.com www.shahfoils.com Website SHAH FOILS Brand Name Business Type Products Details Manufacturers & Exporter

Stainless Steel Coil Roll Coil & Circle, Stainless Steel Cold Roll Coil & Circle

Hall No. 3, / Booth 24 Stall No.

**SHARMA MACHINE TOOLS** Company Name CB-164, Ring Road Naraina, NEW DELHI-110028 Address City Contact Person Mr. Neeraj Sharma, Mr. Prakash Sharma

Designation Telephon No. Cell No.

011-25778063, 25778220 9811033616, 9811030284 Email smtparkash@rediffmail.com, info@smtparkash.net

Website www.smtparkash.com Brand Name SMT MANUFACTURERS & Business Type **EXPORTER** 

Products Details Deep Drawing Double Action, Pressing Machine

Stall No. Hall No. 2 / Booth no. 49 PS RAJ STEELS PVT. LTD. / Company Name

SHEELA STAINLESS PVT. LTD

Address 1st Floor, Inside Nagori Gate, Opp. Jain Mandir HISAR-125001 City

Contact Person Designation Telephon No. Cell No. Email

Mr. Deepak Kumar Gupta DIRECTOR 01662-236791, 230373 9812583010, 9992555462 info@psrajsteels.com. purchase@psrajsteels.com, sales@psrajsteels.com

						3
Website	(4)	www.psrajsteels.com,				GODDEV PHATA ROAD,
Brand Name Business Type	25.75	http://sheelastainless.com/ PS RAJ/SHEEL STAINLESS MANUFACTURERS &	Company Name Address	SHREE PRITI ACE METALS PVT. LTD.  JK IND. COMPOUND GALA	City : Contact Person :	PANCHAL, BHAYANDAR EAST, THANE INDER SANKHLA
Products Details	134	IMPORTERS Mfs of s.s. Tubes pipes, impts of		NO. A/09, A/10,A/11 VIRAR EAST HIGH WAY NEXT TO	Designation : Telephon No. :	Propirter 022-39315413
Stall No.	33	s.s. Sheets and coils HALL NO. 3 / BOOTH 57		SHANKAR BHAGAWAN MANDIR INSIDE NOVELTY	Cell No. : Email :	9321027182 shrigourav@ymail.com
Company Name	100	SHILPA STAINLESS PVT	City	HOTEL : MUMBAI	Website : Brand Name :	www.shrigourav.com SHRI GOURAV
Address	3	PLOT NO.62, VYSARPADI CO OP INDUSTRIAL ESTATE	Contact Person Designation Cell No.	RAJESH/DEEP/NEEL DIRECTOR	Business Type : Products Details : Stall No. :	MFRS HOUSEHOLD STALL 96 / HALL 1
ine.		,ERUNKANCHERY HIGH ROAD,VYSARPADI	Mar Vi	9321128486/9322831750/9321 199979	Company Name :	
City Contact Person	2000	CHENNAI 600 039 ABOO BACKER /MANGAL JAIN/NIKHIL JAIN	Email Website Brand Name	: PRITIACE@GMAIL.COM : WWW.PRITIACEMETALS.COM : PRITI	Address :	Survey No233, Plot 1/4, Opp Rutvi Steel Veraval (Shapar) Raikot 360024
Designation	10	MANAGING DIRECTOR/BUSINESS	Business Type	MANUFACTURING/TRADING/J	City : Contact Person :	Rajkot Akshat Goyal
		DEVELOPMENT MANAGER/BUSINESS	Products Details	OB WORK : STAINLESS STEEL:	Designation : Telephon No. :	Partner 912827293562
Telephon No.	3	DEVELOPMENT MANAGER 044-43480200(10LINES)	Booth No.	COIL,CIRCLE,SLIT : Stall 40 / Hall 3	Fax No.	912827253220 info @shreehariind.com
Fax No. Cell No.	0000	044-26430462 9841033178 / 9840420221 / 9566033124	Company Name	SHREE SAI AADINATH	Website : Brand Name : Business Type :	www.shreehariind.com Shree Hari/ Feathers Manufacturing
Email	(6	aboobacker@praylady.com, mangal@praylady.com,nikhil@	Address	: GALA NO. 1/1-DUCT LANE, KHINDI PADA, BHANDUP(W)	Products Details :	Aluminium Utensils, Tope, Cooking pots
		praylady.com,connect@praylad y.com	City Contact Person	: MUMBAI : BHAVESH K. NAGDA, Jinendra	Stall No. :	Hall No.1 / Booth No. 44
Website Brand Name	2010	www.praylady.in PRAYLADY	Designation	Shahari : Propirter	Company Name :	Shri Ram Utensils Industries Jodhpur
Business Type Products Details	26	MANUGACTURERS AND EXPORTER	Telephon No. Cell No.	2022-5952607 2022-5952-5952607 2022-5952607 2022-5952607 2022-5952607 2022-5952607 2022-5952607 2022-5952607 2022-5952607 2022-5952607 2022-5952607 2022-5952607 2022-5952607 2022-5952607 2022-5952607 2022-5952607	Address :	Plot no 1&2, Saboo Industrial Estate, Tanawara Fatta, Salawas Road.
, rougels peralic	13	COOKINGWARE,KITCHENWAR E,SERVINGWARE AND	Email	shreesaiadinathplater@gmail.c	City : Contact Person :	Jodhpur Rajesh Ojha
Stall No.	( ) ( ) ( )	TABLEWARE STALL 38 / HALL - 1	Website	om gurukrupacreation.com GURUKRUPA	Designation Telephon No.	CEO 9352047580
Company Name		SHINE	Brand Name Business Type Products Details	: mfts & trading : Copper Plating, Desiner Gift	Fax No. : Cell No. : Email :	CEO 9828074607 sru2012@rediffmail.com.
		GLOBAL HOUSEWARE LTD	50000000000000000000000000000000000000	Articles  STALL 36 / HALL 1	Website :	info@chikkumikku.com www.shrimangalmurti.com
Address	(10)	#41, VAIDYANATH MUDALI STREET, TONDIARPET,	Company Name	Shree Shakti Enterprises	Brand Name :	www.chikkumikku.com SHRIMANGALMURTI &
City	3	CHENNAI CHENNAI	Address	Pvt' Ltd. Plot No. 72, Sec- 57 Phase- IV,	Business Type :	CHIKKUMIKKU Manufacturer
Contact Person Designation	2552	SHANTILAL JAIN Owner	City	HSIIDC ,KUNDLI , : Sonepat Haryana	Products Details :	Matki, Tope-khumcha parat saucepan etc Box packing
Telephon No. Cell No. Email	1000	044-43016017 9841030255 shinestainless@hotmail.com	Contact Person Designation Telephon No.	: Mr. Rahul BAJAJ : Director : 130-2219960/61/62	Stall No.	items gift items HALL 1 / STALL 30
Website Brand Name	232232	www.goldenlifestyle.co SHINE GLOBAL, GOLDEN LIFE STYLE	Fax No. Cell No. Email	0091-130-2219964 9311830050	Company Name : Address :	SILVER MAGIC PRODUCTS 34,6th Cross, K. P. Agrahara Magadi road
Business Type Products Details	(44)(40)	Manufacturers Houseware Items, Kitchenware	407934783555	rahul@pnbutensils.com,rahulba jaj8609@yahoo.co.in	City : Contact Person :	BENGALURU-560023 Mr. Punit Jain, Mr. Suresh Jain
Stall No.	1	HALL 1 / BOOTH 50	Website Brand Name	: www.pnbutensills.com : PNB	Position / Designation Cell No.	9892842655, 9004481604
Company Name Address	100 H	SHREE BALAJI METAL INDUSTRIES PLOT NO. 22, GOLANI	Business Type Products Details	: MANUFACTURERS : House ware/Kitchenware /Tableware	Email : Website :	sgambicaproducts@gmail.com, info@silvermagic.in www.silvermagic.in.
Addiesa	Ħ	INDUSTRIAL COMPLEX, WALIV VASAI EAST PALGHAR	Stall No.	HALL 4 / STALL 14	Brand Name :	www.silverglow.net SILVER MAGIC
City Contact Person	(2000)	401208 MUMBAI	Company Name Address	: SHREEPAL OVERSEAS : B/4 KUSUMGHAR IND ESTATE	Business Type : Products Details :	MANUFACTURERS SILVER PLATE
Designation Telephon No.	1000	RACHIT VORA DIRECTOR		M I CABIN ROAD NEAR GODDEV NAKA BUS STOP BHAYENDER EAST	Stall No. : Company Name :	Hall no. 4 / Booth no. 20 SMD SPOT WELD
Fax No.	3	0250-3268699	City Contact Person Designation	: THANE - 401105 : MR.NISHIT SHAH : PARTNER	Address :	43, Vedachalam Street Kanagachathiram GNT road Madavaram-near Shell petroll
Cell No. Email	ì	9619855564 ninemetal@gmail.com ,	Telephon No. Cell No.	022-28190522 9833077060	City :	bunk Chennai
Website	24	care@nanonine.in	Email Website	info@shreepal.com www.shreepal.com	Contact Person : Position / Designation	
Brand Name Business Type	2000	NanoNine MANUFACTURER &	Brand Name Business Type	: shreepal : manufacturer exporter	Fax No.	
1472011111111111111111111111111111111111	8	EXPORTER INSULATED STAINELESS	Products Details Stall No.	hotelware kitchenware cutlery HALL 4/ STALL 26	Cell No. : Email :	91-9444025947/9381017899 sales@smdspotweld.com/sugu
Dootle Ma	102	STEEL INNOVATIVE KITCHENWARE PRODUCT	Company Name Address	: SHRI GOURAV INDUSTRIES : B/15, KASTURI IND. EST,	Website :	marspotweld@gmail.com www.smdspotweld.com
Booth No.	10	Stall 8 / Hall 1			,	A STATE OF THE STA

Stall No.

City

Stall



Brand Name Business Type Products Details SMD/Sugumar & Naga

Spot.projection.seam.Butt.Plas ma Linear Circular welding SPM Laser

welding machines

Stall No.

Address

Cell No.

S.N.B. ENTERPRISES PVT. Company Name :

City Contact Person

Designation Telephon No.

Email Website

Brand Name Business Type Products Details

Company Name Address

Stall No.

City Contact Person Designation Telephon No. Cell No. Email

Website Brand Name Business Type Products Details

Company Name Address City

Stall No.

Contact Person Designation Telephon No.

Cell No. Email Website

Brand Name Business Type Products Details Stall No.

Company Name Address

City Contact Person

Designation Telephon No. Cell No. **Email** Website Brand Name Manufacturers

welding,marking,cutting&stud

hall-2 /stall no.9

LTD. C-16, SMA Industrial Areal, G.T. Karnal raod, INDIA

Shriniwas Bansal, Varun Bansal

Owner 011-27457024, 27693152, 47520000

08930001590, 9811026596, 9871482288, 9811438824 info@snbenterprises.com, snbansal@snbenterprises.com, www.snbenterprises.com SNB

**MANUFACTURERS** Raw material: Sheet, Coil, Houseware Product, Utensils, cutlery, kitchenware, thermoware

Hall No. 3/ Booth 48

**SNP HOMEWARE** Khasra No. 29/6, 1st Floor, Street No.-6, Master Mohalla,

Libaspur DELHI-110042 ROHIT JAIN OWNER 011-27833145 9811011174

rohitjain@snphomeware.com, info@snphomeware.com, triconrj@gmail.com,

www.snphouseware.com SNP

MANUFACTURERS, TRADERS, SS Tableware, kitchenware and barware utensils

Hall No. 4 / Booth No. 8

SPINKS IMPEX

88, Pace City-1, Sector- 37 Gurgaon, Haryana (India)-122001

Mr. Murtaza Y. Merchant HOD ( Laser Machine Sales & Services) 0124-4770500, 528

9999058835 m.merchant@markolaser.com, info@markolaser.com, info@spinksworld.com www.markolaser.com.

www.spinksworld.com MARKOLASER Manufacturer

Laser Marking Machine Hall 4 / Stall 8

**S R U STEELS LIMITED** 

416-417-432, RAJENDRA JAINA TOWER-1, PLOT NO. 18 WAZIRPUR, SHOPPING

COMPLEX. AHMEDABAD-110052 Mr. RAMESH AGRAWAL, Mr. AMIT AGARWAL

Managing Directors 011-27373622 9820256311/9820946114 srusteels@yahoo.in http://www.srusteels.in/

SRU

Business Type TRADING Products Details

City

Stall No. Hall No. 3, / Booth 34

Company Name LTD Address

COMPLEX, KACHPADA MALAD (w) MUMBAI-400064 MUMBAI

Contact Person Designation DIRECTOR Telephon No. Fax No. 2240999777 Cell No. 09821449011 Email

,pooja@steamlineind.com Website www.steamlineind.com Brand Name SIL

Business Type Products Details Stall No.

Company Name: Address

City Contact Person Designation Cell No. Email Business Type Products Details

Company Name Address

Stall No.

City Contact Person Designation Telephon No. Cell No. Email

Website Brand Name Business Type Products Details Stall No.

Company Name Address

City Contact Person Designation Telephon No. Cell No. Email Website

City

Director Brand Name Business Type

Products Details : Stainless Steel Utensils, Aluminium

Product Non-Stick Stall No. Company Name SUKHAR EXIM PVT. LTD. Address

401 - 405 PAWAN PLAZA, SARDAR PATEL COLONY, OPP. LIFE CARE HOSPITAL NARANPURA

013

Contact Person Designation

STEEL PRODUCTS

STEAMLINE INDUSTRIES

901 JAGDAMBA COMMERCIAL

MR.DEVENDRA SHARMA 022-4099-9700

devendra@steamlineind.com

Manufacturer & Exporter Stainless steel Seamless & Welded Pipes, Tubes & U-Tubes Hall 3 - Stall No.49

STEEL AIIDS ENTERPRIES(Hastimal) 2A, ALLARKHIA BLDG; Gr FLR;

9th KHETWADI LANE MUMBAL SURESH BUKADIA Owner 9820011724 steelaids@gmail.com MANUFACTURE RAW METERIALE STALL 41 / Hall 3

STOVEKRAFT PVT. LTD.

No 81. Harohalli Industrial Area. Kanakapura Taluk, Ramanagara District -

BANGLORE (KARNATAK)-560074 Rajendra Gandhi

**PROPRIETORS** 080-2801 6222 9844092981, 9845187321 rajesh@stovekraft.com, info@stovekraft.com www.stovekraft.com

**PIGEON** Manfacturers kitchen appliances Hall No. 1 / Booth 12

Subhiksh Steel Impex Pvt. Ltd.

Plot No 2, Kh.No 12/11, Amanpuri, Teacher Colony, Nangloi New Delhi-110041

Vikesh Gupta 011-25943215 9310219573, 9891445785 vikesh\_airan@yahoo.co.in http://subhikshsteelimpex.com Airan, Chakmak, Monet

MANUFACTURERS/IMPOTER/T RADER/WHOLESALER

Cookware. House Hold Items

AHMEDABAD, GUJARAT - 380

HARBHAJAN SINGH BANSAL DIRECTOR

Telephon No. 079-30080103 Fax No. Cell No. 079-30080104 098253 16942 info@sukharexim.com Email Website www.sukharexim.com SUKHAR EXIM PVT. LTD Brand Name Business Type LOGISTICS AND FREIGHT FORWARDING LOGISTICS AND FREIGHT Products Details

FORWARDING HALL NO.:- 2 / STALL NO.:-

Company Name : **SUNCITY STRIPS & TUBES** PRIVATE LIMITED Address

C/O SUNCITY GROUP OF INDUSTRIES , PLOT NUMBER SP-862,63,64,66 &67 IV TH PHASE BORANADA INDUSTRIAL AREA, JODHPUR

**JODHPUR** MAHAVEER AGARWAL

City Contact Person Designation DIRECTOR Telephon No. 02931281479 Fax No. 02931281478 Cell No 09829026533

Email mahaveer@suncitytubes.com, suncity421@gmail.com Website www.suncitytubes.com

SUNCITY Brand Name MANUFACTURER / EXPORTER Business Type

/ IMPORTER Products Details STAINLESS STEEL PIPE /

TUBES / CIRCLES / SHEET & **UTENSILS** 

Stall No. HALL 3 / STALL 31

Sun Glory Industry International Limited Company Name :

RM1004, Peace world Address Plaza, No. 362-366, Huanshi Dong Rd , Yuexiu District,

Guangzhou ,China. guangzhou Contact Person Ms Elena GENERAL MAGAGER 020-83649153 Designation Telephon No. Fax No. 020-83649153

Cell No. 13922210559 Email elena@sungloryind.com sunglory@188.com Website www.sungloryind.com Brand Name

NO.2 ,Shiyu MANUFACTURERS Business Type Hydraulic pressing machine, polishing machine, sanding machine, trimming machine, Products Details

washing line, hydraulic riveting machine, puching machine, Feeder, coating line, brazing machine, polishing wheel

Hall 2 / Stall 47, 48

Company Name : Suresh Chandra Agarwal & Co. 7/103 Mamu Bhanjha, Mittal Address

Road City Aligarh Contact Person Abhinav Agarwal

Designation G.M 02223892287, 05712510713, Telephon No. 05712510619

Fax No. 9927021510, 9821096882, Cell No.

9837091202 Email cambaypolishing@gmail.com Website www.cambaypolish.com Brand Name "CAMBAY"

Business Type Manufacturers Solid Polishing Compounds & Products Details

Liquid Polishing Compounds HALL 3 / STALL 73 Stall No.



FURNACE/POWER/DISTRIBUTI

MANUFACTURER OF

Business Type

Surya Prabha Enterprises Company Name : C-39/1, Wazirpur Industrial Address Area, Delhi -110052 City Delhi Contact Person Abhishek Singhal Designation Proprietor 9899763630, 9811042857 Telephon No. Fax No. 011 45769878 Cell No. 9899763630 abhishek63@gmail.com Email www.prabhasteel.in Website Brand Name Prabha Manufacturers of S.S. Sheet, Business Type Circles & Utensils Stall No. Hall No-4, Stall No -4 SURYODAY INDUSTRIES Company Name : PLOT NO. 120, MEERA UDHYOG, AJI RING ROAD Address City RAJKOT-360003 Contact Person ROHIT BHAI PROPRIETORS Designation 0281-2389258 Telephon No. Cell No. 9099923045 **MANUFACTURERS** Business Type HOUSEWARE, KITCHENWARE Products Details **PRODUCTS** Stall No. Hall No. 1, / Booth 49 Company Name : SWASTIK LASER TECHNOLOGIES. Address 74, RAGHUVIR INDUSTRIAL ESTATE, OPP, JAY CHEMICALS, ODHAV ROAD. ODHAV. AHMEDABAD - 382415 City MR. KETAN MALANI Contact Person Designation PARTNER Telephon No. 079-22872376 Fax No. 079-22872651 Cell No. 9825506258 Email ketanmalani@hotmail.com Website www.swastiklaser.com Brand Name SWASTIK MANUFACTURERS / Business Type **EXPORTERS** LASER MARKING MACHINE, Products Details CO2 LASER ENGRAVER AND CUTTER, DOT PIN MARKING MACHINE, LASER WELDING MACHINE, LASER CUTTING MACHINE Stall No. HALL NO - 2, STALL NO -**SWASTIK TECHNOCAST** Company Name : LIMITED DELHI SAHARANPUR ROAD, Address VILLAGE DUNDUHERA, DISTRICT BAGHPAT, UTTAR PRADESH-201101 MEERUT City Contact Person PANKAJ KUMAR JAIN / MAYANK JAIN Designation DIRECTOR Telephon No. 9811147449, 9811946024 Fax No. 01123212880 Cell No 9811147449, 9811946024 Email INFO@SWASTIKTECHNOCAST INFO Website WWW.SWASTIKTECHNOCAST.I

TALL BOY INC. Company Name 56 A TRIBHUWAN ESTATE, Address KATWADA AHMEDABAD City Contact Person RAJESH BAFNA, MR. MANOJ Designation Director Telephon No. 079-22900031 9444055988, 9840790888 Cell No. tallboyworld@gmail.com Email Website www.tallboyworld.com Brand Name TALL BOY MFRS Business Type HOUSEHOLD UTENSILS & Products Details CORPORATE GIFTS Stall 19 / Hall 1 Stall No. **Techflow Enterprises Pvt.** Company Name : Ltd. Block No. 803/B/1, Near Canal, Address Kubadthal village, Tal. Dascroi City Ahmedabad - 382430 Contact Person Shrenik Parikh CEO - Component Division Designation 22872390 Telephon No. Fax No. Cell No. 22971860 9909930270 shrenik.parikh@techflow.net Fmail Website www.techflow.net Brand Name Tuff Business Type Manufacturers and Exporters Products Details Blowers, Dust Collection Systems, Pneumatic conveying systems and its components and spares Stall No. 12 - Hall No. 2 Stall No. THORSON INDUSTRIES Company Name : 145, TEJENDRA ESTATE, NR. KOTAK MAHINDRA BANK, NR. SONI NI CHALI, ODHAV, Address AHMEDABAD, GUJARAT, INDIA City MR. SIDDHARTH THORIA / Contact Person MR. SAGAR THORIA Designation PATNER Cell No. M - +91 98244 64500 / M - +91 98244 51501 thorsonindia@gmail.com, Email thorson@thorson.in Website www.pipebendingmachines.in 2. www.thorson.in THORSON Brand Name MANUFACTURERS / Business Type EXPORTER. Products Details PIPE BENDING MACHINE, ELBOW BEDING MACHINE, ELECTRICAL INDUSTRIAL FURNACE, INDUSTRIAL OVEN, GAS FIRED FURNACE & OVEN ON LINE BLACK & BRIGHT ANNEALING FURNACE. Stall No. HALL NO. - 2, STALL NO. -6. **TRANSFORMERS &** Company Name : RECTIFIERS (INDIA) LIMITED Address SARKHEJ BAWLA ROAD, CHANGODAR, TA: SANAND, City AHMEDABAD Contact Person MR. BIJOYEN DAS Designation GENERAL MANAGER-INDUSTRIAL TRANSFORMER DIVISION Telephon No. 02717-661661 Fax No. 02717-661716 Cell No. 8238080336 Email bijoyen.das@transformerindia.c om www.transformerindia.com Website TRANSFORMERS & Brand Name

RECTIFIERS

ON TRANSFORMERS Products Details FURNACE/POWER/DISTRIBUTI ON/RECTIFIER TRANSFORMERS HALL 2, Stall 65/66/67. Stall No. **TTK Prestige Limited** Company Name Address 11th Floor, Brigade Towers, 135, Brigade Road, Bangalore-560025 India City Bangalore Contact Person Raj Kumar General Manager-Exports Designation +91-80-22217438 Telephon No. +91-80-22277446 Fax No. Cell No. +91-9845813757 Email raj@ttkprestige.com Website www.prestigesmartkitchen.com Prestige & Manttra Brand Name Business Type Manufacture Products Details Pressure Cooker, Non-stick Cookware, Multi Cooker, SS Cookware Stall No. Hall 4 / Booth No.16 Company Name **VAISHALI ENTERPRISE** Address D-47, Sarvoday Nagar, 1st Panjrapole Lane City MUMBAI 400004 Contact Person Hiren Bhai/ Popat Bhai Designation **PROPRIETOR** Telephon No. 022-22427462 Cell No. 9930314327, 9324098203 hiren.khimsaria99@gmail.com Email Website www.vaishalienterprise.in Brand Name DAKSH WHOLESALE Business Type Products Details STAINLESS STEEL HANDICRAFT Stall No. Hall No. 1 / Booth No. 87 Valbruna Stainless & Nickel Company Name Alloys India Pvt. Ltd. Mini Suit 3, Tower 3, Ground Address Floor, Equinox Bussiness Park, Off. Bkc , LBS Marg, Kurla (w), Mumbai - 400 070 City Mumbai Contact Person Mr. Nadeem Hussain Designation Area Commercial Manger Telephon No. 022 - 4263 0201 Fax No. 022 - 6121 5163 Cell No. 9920 679 743 Email nadeem@valbrunaindia.com Website www.valbruna-stainlesssteel.com Reval®, Aeroval®, Bioval®, Brand Name Marinox®, Magival®, Maxival® Manufacturers Business Type Nickel Alloys, Stainless Steel & Products Details Titanium Long Products Such as Round Bars, Square, Hexagons, Blooms & Billets, Ingots, Rebars, Flats, Angles, Wire & Wire Rod Stall No. Hall No. 3 / Booth No. 76 VALGRO INDIA LTD. Company Name Address VALGRO HOUSE, 2ND FLOOR, SHAILLY, NR. BHARAT PETROL PUMP, NH.8, VIRAT NAGAR **AHMEDABAD** City Contact Person ARVIND PATEL Designation Owner 079-22972603 Telephon No. Email cmd@valgro.co.in Website www.brashingmachine.com Business Type Manufacture. Products Details Machinary

Business Type

Stall No.

Products Details

NFO

MANUFACTURERS &

INVESTMENT CASTING

(FERROUS & NON-FERROUS)

Hall No. 3 / Booth no. 65

**EXPORTERS** 







Stall No. Stall 44 / Hall 2 Stainless Steel Core Wire Business Type MANUFACTURERS Stainless Steel Fine Wire Stainless Steel Welding Wire Products Details Mfr of Kitchenware, Utensils VARIA ENGINEERING Company Name : Stall No. Hall No. 1, / Booth 24 Stall No. HALL NO. 3 / BOOTH NO. WORKS PVT. LTD. 21, TITANIUM BUILDING Address Company Name **VISHWA STAINLESS** CORPORATE ROAD, Nr. PRAHLADNAGAR GARDEN, PRIVATE LIMITED VIVEK STEELCO PVT LTD. ( A UNIT OF VICOR GROUP) A-201, MONDEAL SQUARE, Company Name : PLOT NO. 485, ROAD NO. 12, Address AHMEDABAD-380015. KATHWADA G.I.D.C. City KATHWADA - 382430 AHMEDABAD. Address Mr. HIMANSHU VARIA NR.KARNAVATI CLUB. Contact Person AHMEDABAD City S.G.ROAD CMD Contact Person MR. HITESH SHAH Designation AHMEDABAD, GUJARAT 079-40221400 City Telephon No. Designation DIRECTOR MR.VIVEK AGARWAL 079-40221410 Contact Person Fax No. Telephon No. 079-65243311 Designation MANAGING DIRECTOR 9825005456 Cell No. Fax No. 079-29703322 CMD@VARIAGROUPS.COM Telephon No. 40396010, 40396011, Email Cell No. 91-9824329432 26581088 WWW.VARIAGROUPS.COM Website Email info@vishwastainless.com Fax No. 26581088 Brand Name VARIA Website www.vishwastainless.com Cell No. 9825049388 MANUFACTURERS OF STEEL Business Type Brand Name VSPL PLANT & ROLLING MILL MACHINARY, S.S. COIL, ALU. FOIL, MS CRC COIL, ALU. HR COIL, ALU. CHECKER PLATE & ALU. CASE RAW. Email vivek@vicorgroup.com Business Type MANUFACTURERS/EXPORTER Website www.vicorgroup.com Products Details STAINLESS STEEL BRIGHT Brand Name VICOR ROUND BAR, HEX BAR, MANUFACTURERES & Business Type SQUARE BAR **EXPORTER** FLAT BAR, BLACK BARS, FORGED BARS etc. **ROLLING MACHINERY &** Billets, Bright Bars, Flat Bars, Angles, Wire Rods, Ingots, Forged Bars of Stainless Steel, Products Details : Products Details : STEEL PLANT/ SS COIL AND Stall No. Stall 80 / Hall 3 SHEET/ CRCA COIL & SHEET STALL NO - 37 / BOOTH NO Stall No. Alloys, Carbon & Mild steel **VIVEK STAINLESS (INDIA)** Company Name Stall No. STALL NO.14, HALL NO.3 Address 4. Motilal Estate Near, Central Bank Kewal kantha Rakhial -**VARUN STAINLESS** Company Name Company Name : VIKAS METAL PRODUCTS 380023 #208, MINT STREET, Address Address A/9.DOSHI UDHYOG Ahmedabad City City CHENNAL NAGAR BEHIND UDIPI Contact Person Harish Patel MAHESH KUMAR HOTEL, B.P.ROAD, Contact Person (Sales Executive) at VIVEK STAINLESS INDIA in Rakhial Designation Designation City BHAYANDER(EAST), THANE-Director 044-23465600 401 105,MAHARASTRA Telephon No. Telephon No. 9879791555 Cell No. 9841016325 Contact Person KANJI BHAI PATEL /MUKESH 079 - 22742888, Fax No. PATEL varustainless@hotmail.com Email Cell No. 079 - 22742888 Designation PROPRITIOR premiumcookware.com Website Email hdpatel@vivekstainless.com Telephon No. 022-28041426 Brand Name PREMIUM COOKWARE Website www.vivekstainless.com Cell No. 09819561188/09867313667 MFRS Business Type Business Type Stainless Steel Pipe & Tube Email vikasunicoms@gmail.com COOKWARE Products Details Manufactures/ Stockist Fittings WWW.UNICORNS.NET.IN Website Stall No. Stall 60 / Hall 1 & Plate Brand Name UNICORN'S Stall 43 / Hall 3 Stall No. Business Type MANUFACTURES **VEDIK ISPAT PRIVATE** Company Name : TEA STRAINERS, SINK JALI, ATA Products Details LIMITED Company Name WEILBURGER COATINSG I CHALNI RINGS, FRUIT Address No. 1, Laxmi Nivas, Opposite PVT. LTD JL 04, KANDUA POLY PARK, PO JAINAGAR, SANKRAIL BASKET, SUPDI Sanman Guest House, Model Address Stall No. HALL-4 / STALL NO-3 House Road, Basavangudi, BANGLORE (KARNATAK)-City DISTT: HOWRAH City Company Name VIKAS INDUSTRIES Contact Person 560004 MR SOUMEN SINHA Narendra Kumar Bhutra, Sharad D/8 Sujata Shopping Center, Contact Person Address MANAGING DIRECTOR Designation Kumar Bhutara Navghar Road Bhayander (E) Telephon No. 033-26615000 PROPRIETORS Thane Designation Fax No. 033-26615020 MUMBAI - 401102 Telephon No. Cell No. 080-40909889 City Cell No. 9830065945 Contact Person Mr. Pahadsingh, Mr. Daragsingh 9342414333 Email soumen@grebe.in vedikispat@gmail.com MANUFACTURERS Rajput Email Website www.grebe.com **PROPRIETORS** Designation Business Type Brand Name GREBLON Telephon No. 022-81652156 Manufacturer of stainless steel billets, steel billets, knives for Products Details MANUFACTURER Business Type Cell No. 9324080857, 9324565215, Products Details NONSTICK COATING engineering industry, non alloy steel billets and industrial 9324954466 MATERIAL Email Stall No. Stall 59 / Hall 1 vikasIndustries.Rajput@yahoo.i machinery billets. Hall No. 3, / Booth 32 Stall No. **YASHWANT INDUSTRIES** Company Name Business Type MANUFACTURERS & Address 440/7-A, G.I.D.C. NEAR TRADERS Venus Wires Industriess Company Name NEPTUNE TEXTILE, ODHAV, Products Details s.s.utensils, SS Top Pvt. Ltd. AHMEDABAD Unit No. 2002, 20th Floor, Tower Stall No. Hall No. 1, / Booth 75 Address **AHMEDABAD** City No.3,Indiabulls Finance Contact Person MR. HIMANSHU MALVI Center, Senapati Bapat Marg, Company Name VIRAT ALLOYS (P) LTD. Designation BUSINESS Elphinstone Road 127/3, CHHATRAL-KADI ROAD, Address Telephon No. 22894423 Mumbai - 400 013. NERA GOPAL WEIGH BRIDGE. City Cell No. 8511125285 Contact Person Mr. Pratik Sanghvi. AT-DHANOT, TA-KALOL, Dist. Email vashwantind1234@amail.com Designation DIRECTOR City GANDHINAGAR (GUJ)382043 Website www.yashwantind.com Telephon No. 022-30451000 Contact Person Mr. Hiten M Gada, Mr. Ronak Brand Name MALVI Cell No. 9819800348 Barot Business Type MANUFACTURERS

Designation

Telephon No.

Brand Name

Cell No.

Website

Email

grsanghvi@venuswires.com

Stainless Steel Wire Stainless

Steel Bar Stainless Steel MIG

Wire Stainless Steel TIG Wire

www.venuswires.com

MANUFACTURERS

**VENUS** 

Email

Website

Brand Name

Business Type

Products Details

Partner

VIRAT

02764-233121, 233120

viratalloys@yahoo.com,

www.viratalloys.com

9726155056 9324344672

ronakbarot2000@yahoo.co.in

Hall 2 / Stall 17

Products Details

Stall No.

S.S. UTENSILS MACHINERY, SUBMERSIBLE MACHINERY,

SOLAR TANK MACHINERY





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Manufacturers & Suppliers of : S.S. Cutlery, Kitchen & Bar Tools S-6, Badli Industrial Estate, Phase-1, Delhi - 110042 (INDIA) Tel. : 27855691, 27853427 Fax : 27859112 Cell : 98111 44794, 9899104947, 9811058640

## इस अरबपति बिजनेसमैन ने अपने गांववालों को तोहफ में दिए लग्जरी फ्लैट

Multimillionaire Xiong Shuihua gifts luxury flats to 72 families



जिंग। जिन झ्गियों में खेलकर कभी यह अरबपति बिजनेसमैन बड़ा हुआ था, उन्हें ही तुड़वा कर इसने यहां लग्जरी फ्लैट बनवा दिए। यही नहीं इस व्यापारी ने यह सभी फ्लैट अपने उन्हीं गांववालों को तोहफे में दे दिए। साथ ही बुजुर्ग और गरीब गांववालों के लिए सप्ताह में तीन दिन म्फ्त खाने का भी इंतजाम किया है। चीन के स्टील किंग शियोंग श्ईह्आ जिनयुई शहर के करीब एक गांव में 1955 में पैदा हुए थे। उनका परवािर बहुत गरीब था और इन्हीं गांववालों ने उस वक्त उनके परिवार की बह्त मदद की थी। तमाम मेहनत के बाद आज 54 वर्ष के शियोंग जब अमीर हो गए हैं तो उन्होंने अपने गांववालों की उदारता के बदले में उन्हें कुछ देने की सोची।

शियोंग की बदौलत यहां 72 परिवारों को लग्जरी फ्लैट मिले हैं और वह 18 परिवार जिन्होंने शियोंग के परिवार की बह्त मदद की थी उनके लिए उन्होंने विला बनवाए हैं। इस सब के लिए कुल 4 मिलियन पाउंड खर्च किए गए हैं। शियोंग कहते हैं, "मैंनें इतना पैसा कमा लिया कि म्झे समझ ही नहीं आ रहा था कि इतने पैसे का क्या करूं। मैं अपनी जड़ें नहीं भूला था। मैंने हमेशा खुद को कर्जम्क्त रखा और मैं उन परिवारों का खुदपर सबसे बड़ा कर्ज भी उतारना चाहता था जो उन्होंने मेरे परिवार की मदद करके तब मुझपर चढ़ाया था जब मैं छोटा था।"

गांव में रहने वाले 75 वर्षीय कियॉन्ग चू ने बताया, "मैं शियोंग के माता पिता को जानता हूं। वे बह्त दयालू थे और दूसरों की बह्त परवाह किया करते थे। मुझे खुशी है कि उनका बेटा भी उनके जैसा ही दयालू है।"







# Design And Technical Efficiency In The New Decorated 470li Stainless Steel Hood

tainless steel is one of the most widely used materials in the production of hoods, since it is capable to meet all technical and aesthetical requirements. From a technical point of view, stainless steel ensures mechanical strength, resistance to even extremely high thermal loads. but above all, excellent resistance to corrosion phenomena. Products remain unchanged throughout their life cycle and require only few maintenance operations over time. Among the hoods included in the product range of this company, we find built-in, wall, and island hoods. One of the latest products is the "downdraft", a hood that can be considered both an in-built and an island hood. This product is the result of the combination of two materials - stainless steel and black tempered glass - that add to it a particular touch of modernity and elegance. For this new model of stainless steel hood, the company has chosen an innovative material, the superferritic 470LI (EN 1.4613) stainless steel, with a linen pattern finish, a premium material capable to stand heavy stresses and high temperatures, and to resist to corrosion, as the austenitic AISI 316 stainless steel. In addition, being a material with ferritic structure, it benefits from the advantage of price stability. The decorated linen pattern finish is obtained during the steel sheet cold-rolling process by means of special decorated rollers. The stainless steel sheet is subsequently submitted to a bright-annealing process.

Manufacturing company: Bs Service s.r.l. – NT AIR – Via G. Brodolini 77/a – I-60044 Fabriano AN, phone  $\pm 39$  0732 21008,  $\pm 39$  0732 251083, fax  $\pm 39$  0732

71469, staff@ntair.it, www.ntair.it / Stainless steel produced by: Accial Speciali Terni S.p.A. – Viale B. Brin 218 – I-05100 Terni TR, phone +39 0744 490282,

fax +39 0744 490907, marketing.ast@acciaiterni.it, www.acciaiterni.it

Source: Inossidabile 194

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Mobile: +91-9880005005

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No. 8 (Mirror Finish)

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Product: Shope

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  a W.K. Steelwares PVT. LTD., Gaziabad

  AAKAR PIPES & METALSPYT LTD. INDORE (M.P.)

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  aDARSH STAINLESS P. LTD., MUMBAI

  AGRAWAL METAL CO., MUMBAI

  AJAITA STEEL, SMUMBAI

  AJAITA STEELS, MUMBAI

  AJAITA STEELS, MUMBAI

  AJAITA STEELS, MUMBAI

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  AMAR SALES CORPORATION, BANGALORE

  AMARTI METAL, BHAYANDER (E)

  AMACON BRUSH CO., NEW DELHI

  AMBUCA METAL CORPORATION, HUMBAI

  ANAND INDUSTION ALLOYS P. LTD., AHMEDABAD

  ANAND METAL CORPORATION, MUMBAI

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  ANAND METAL CORPORATION, MUMBAI

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  ARRAN MACHINETOLS, RALKOT

  ARRAN MACHINETOLS, BULLE

  ARLAN INTERNATIONAL, NEW DELHI

  BASAR STEEL SOLDS PUPE

  ASHOK STEEL HOUSE, CHENNAI

  BASHAS STEEL SOLDS PUPE

  ASHOK STEEL SOLDS PUPE

  ASHOK STEEL SOLDS PUPE

  BASHA STAINLESS PVT. LTD., AHMED

Mr. Nilesh Raiyani

#### GALAXY KITCHEN APPLIANCES

"Om" Balaji Ind Estate, Near Murlidhar Weigh Bridge, Manda Dungar Main Road Near Aji Dam Chokdi RAJKOT - 360003, GUJ

Mobile: +91-9825620772, 9925220772 Product: Mfrs., & Exporter of Aluminium

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Mr. Lalit Jain / Mr. Niraj Jain

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  DAGA UDHYOG, JODHPUR
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  DARSHAN METAL INDUSTRIES, JAGADHRI, (HRY.)
  DEEP METAL PRODUCTS, DAHANU ROAD
  DEEP STEEL, BHAYANDER
  DEEPAK SUPER STEEL, NEW DELHI
  DEEPAL ENTERPRISES, DELHI
  DEEPAL ENTERPRISES, DELHI
  DEEPAL BUSTRIES LIMITED - INDORE
  DEI GRATIA IMPEX PVT. LTD., DELHI
  DEKORA ARTS, MORADABAD (U.P)
  DELUXE METAL. CORPORATION, AHMEDABAD
  DEV ENTERPRISES, DELHI
  DEW METAL INDUSTRIES, DELHI
  DEM TUBES PVT. LTD., PUNE
  DHANUAL INDUSTRIES, NEW DELHI
  DHANLAMM METAL INDUSTRIES, NEW DELHI
  DHANLAMM METAL INDUSTRIES, NEW DELHI
  DHANLAMM METAL INDUSTRIES, NAMPUR
  DHANIRAM AGENCIES, NAGPUR
  DHARINDHAR METAL INDUSTRIES, AMMEDABAD
  DINESH METAL (INDIA), AHMEDABAD
  DIPLOMA METAL INDUSTRIES, AMMEDABAD
  DIPLOMA METAL INDUSTRIES, AMMEDABAD
  DIPLOMA METAL INDUSTRIES, AMMEDABAD
  DIPLOMA METAL INDUSTRIES, HAMEDABAD
  DIPLOMA METAL INDUSTRIES, AMMEDABAD
  DIPLOMA METAL INDUSTRIES, AMMEDABAD
  DIPLOMA METAL INDUSTRIES, AMMEDABAD
  DIPLOMA METAL INDUSTRIES, AMMEDABAD
  DOSHI TUBES PVT. LTD., MUMBAI
  EAGLE METALS, MUMBAI
  EAGLE METALS, MUMBAI
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  EAGLE METALS, MUMBAI
  EAGLE METAL (INDIA), SECUNDERABAD
  DOSHI TUBES PVT. LTD., PUNE
  FORTUNE EXIM, PUNE
  FORTUNE EXIM, PUNE
  FORTUNE EXIM, PUNE
  FORTUNE EXIM, PUNE
  FORTUNE EXIM, PUNE
  FORTUNE EXIM, PUNE
  GANDAI DEVENDERAL ROBERDING CORPORATION, PUNE
  GANDAI STEELS, BAYANDER (E)
  GANDHI DEVENDERAL ROBERDING CORPORATION, PUNE
  GANDAI STEELS, BAYANDER (E)
  GARLDA MYEX CO., SHARDABAD
  GALAS OVERSEAS, AMMEDABAD
  GOURL ENTERPRISES, DELHI
  GOPINATH ENTE

- H.K. ENTERPRISE, ADHEWADA
  HANS RAJ MAHAJAN & SONS, JALANDHAR
  HANS RAJ STEELS (INDIA), AMRITSAR
  HARI HAR PIPE INDUSTRIES, HISAR
  HARS HINDUSTRIES, BHAYANDER (EAST)
  HEENA METALS, AHMEDABAD
  HEMRATHA STEELS, MUMBAI
  HINDUSTAN BRASS METAL CAST, RAJKOT
  HISAR METALIND. LTD, HISAR (HARYANA)
  HOWRAH STEEL WORKS, HOWRAH
  L.K. INTERNATIONAL, MORADABAD
  MPERIAL COATING INDUSTRIES, VADODARA
  INDUSTRIAL METAL DISTRIBUTORS, MUMBAI
  J. B. STEEL, DELHI
  J. K. STALLESS, CHENNAI
  J. Y. INTERNATIONAL, BHAYANDER (E)
  J. C. METAL FAB, SURAT
  JAGDISH INDUSTRIES, SOLIPAT, HARYANA
  JAGDISH INDUSTRIES, KOLKATA
  JAI BHARAT INDUSTRIES, KOLKATA
  JAI BHARAT INDUSTRIES, HISAR
  JAIN BROTHERS, DELHI
  JAIN NOBERT RES, DELHI
  JAIN NOBERT RES, DELHI
  JAIN NOBERT RES, DELHI
  JANANDA STEEL POINT, HARIYANA
  JAY EM EXPORTS, CHENNAI
  JAY EM THERMALINAL SELHI
  JAYAYATILAL, DINESHKUMAR & CO., MUMBAI
  JAYACKEY METALS, DELHI
  JAYAYATIRAL, FOR SELHI
  JAYAYATIRAL, GARAYANDER (E)
  SELHI
  JAYAYATIRAL, GARAYANDER (E)
  SEL

- KUMAR STEELS INC., Kundli, SONEPAT (HARIYANA)
   KUNAL METALS / DHANLAXMI IND., BHAYANDER
  (E) KUNDAN INDUSTRIES LIMITED, VASAI (E)
  KUNDAN INDUSTRIES LITD, MUMBAI
  KWALITY CORPORATION, JODHPUR (RAJ.)
  LALIT IMPEX PVT. LITD, MUMBAI
  LALIT IMPEX PVT. LITD, MUMBAI
  LALIJI MOHAN LAL. RAJKOT
  LALLUBHAI AMICHAND LIMITED, MUMBAI
  LARSEN AND TOUBRO LITD, BARODA
  LIPKA UDYOG, NEW DELHI
  LOHIA IMPEX, MORADABAD
  LUXMI BARTAN BHANDAR, NEW DELHI
  M. A. ENTERPRISES, AHMEDABAD
  M. B. STAINLESS STEEL FURNITURE, JAIPUR
  M. BHAWARLAL'S HOME APPLIANCES, BANGLORE
  (KTK) (E) KUNDAN INDUSTRIES LIMITED VASAL(E) M. BHAWARLAL'S HOME APPLIANCES, BANGLUMI (KTK)
  M. D. METAL CORPORATION, CHENNAI
  M. K. CUTLERY WORKS, DELHI
  M. P. INDUSTRIES, AHMEDABAD
  M. R. METAL INDUSTRIES, AHMEDABAD
  M. S. INDUSTRIES, CHENNAI
  M.L. SHAH & SONS
  M.M. STEEL & ALLOYS / ANMOL METAL IND. AHD.
  M/S BANSAL BARTAN STORES, DEHARDUN
  (UTARAKHAND)
  M/S DEVI METAL TECHNOLOGIES, GHAZIABAD
  M/S HERO STEEL INDUSTRIESS.
  M/S POONAM METAL STORE, DIST. NUAPADA
  (ODISHA) (ODISHA)

  MADRAS STEEL AGENCIES, CHENNAI

  MAGADH PRECISION EQUIPMENT LTD., DEWAS, M.P.

  MAHALAXMI METAL UDHYOG, AHMEDABAD

  MAHALAXMI METAL UDHYOG, AHMEDABAD

  MAHAAJA SISTRIBUTORS, BHAYANDER

  MAHANJA SISTRIBUTORS, BHAYANDER

  MAHAVIR INDUSTRIES, AHMEDABAD

  MAHAVIR STEEL, AHMEDABAD

  MAHAVIR STEEL, AHMEDABAD

  MAHAVIR STEEL, AHMEDABAD

  MAHAVIR STEEL, AHMEDABAD

  MAHANDARA METAL INDUSTRIES, BHAYANDAR (E)

  MAHENDARA METAL CORPORATION, CHENNAI

  MAHENDARA METAL TONDUSTRIES, BHAYANDAR (E)

  MAHESH STAINLESS STEEL PYT. LTD., KOLKATA

  MALHOTRA PLASTIC PRODUCTS,

  MANAK OVERSEAS LTD., MUMBAI

  MANEK METAL INDUSTRIES, CHENNAI

  MANGAL METAL INDUSTRIES, CHENNAI

  MANGAL METAL INDUSTRIES, CHENNAI

  MANGAL METAL INDUSTRIES, CHENNAI

  MANGAL STEEL UDYOG, SIROHI (RAJ)

  MANIK METAL STORES, RAIPUR, CHHATTISGARH

  MANIK STEEL UDYOG, SIROHI (RAJ)

  MANOHAR STEEL, VIRAR (E) THANE

  MARY EXPORTS, RAJKOT

  MARVEL INDUSTRIES, AHMEDABAD

  MARVEL INDUSTRIES, AHMEDABAD

  MARVEL INDUSTRIES, DELHI

  MXELL-PLAST (INDIA), CHENNAI

  MAYU BYOG, AHMEDABAD

  MAYUR NETALNI SOLICH, CHENNAI

  MAYUR STAINLESS, DELHI

  MXELL-PLAST (INDIA), CHENNAI

  MAYUR STAINLESS, DELHI

  MXELL-PLAST (INDIA), CHENNAI

  MAYUR BYOGS, SIROHI MAGAR

  MEGRA METAL INDUSTRIES, BELHI

  MECHA METAL INDUSTRIES, DELHI

  MECHA METAL INDUSTRIES, DELHI

  MECHA METAL INDUSTRIES, DELHI

  MECHA METAL INDUSTRIES, DELHI

  MERA METAL INDUSTRIES, DELHI

  MERA METAL INDUSTRIES, OLEHI

  MERA METAL INDUSTRIES, OLEHI

  MERA METAL INDUSTRIES, OLEHI

  MERA METAL MEDABAD

  MEHTA STEEL, HAMEDABAD

  MEHTA STEEL, BHAYANDER (E)

  MERA METAL INDUSTRIES, CHENNAI

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  MILL STEELS PVT. LTD., MUMBAI

  MILLTEC INDUSTRIES BANGALORE PVT. LTD.,
  BANGALORE

  MINOX METAL PVT. LTD., BANGLORE (KARNATAK)

  MINTAGE STEELS LTD., DELHI

  MIRA ENTERPRISE - MUMBAI

  MIRA ENTERPRISE - MUMBAI

  MIRABBICA ENTERPRISES, RAJKOT

  MIRZAPUR METALERGY LTD., MIRZAPUR

  MODERN METAL INDUSTRIES, AHMEDABAD

  MODERN STEELS LTD., GOBINDGARH

  MODY BROTHERS, MUMBAI

  MOHNOT STAINLESS STEEL IND. (P) LTD.,
  JODHPUR

  MONAL CHAINS LIMITED, MUMBAI

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  MOTHER INDIA FORMING (P) LTD. BANGALORE

  MOTI STAINLESS STEEL, NEW DELHI

  MOTHER INDIA FORMING (P) LTD. BANGALORE

  MOTI STAINLESS STEEL, NEW DELHI

  MR. HARBHAJAN SINGH, NEW DELHI

  MR. HARBHAJAN SINGH, NEW DELHI

  MR. MUKESH K, GUPTA., DELHI

  MIKLESH ENTERPRISE, AHMEDABAD

  MUKTI EXPORT PRIVATE LTD., MUMBAI

  MUKUL ENTERPRISES / SURESH CHANDRA

  AGARWAL & CO, ALIGARH (U.P.)

  MURUGAN METALS, CHENNAI
- MUTTIN & COMPANY, BIJAPUR (KARNATAKA)
  MVM HANDICRAFTS PVT. LTD., NOIDA
  NAHATA METALS INDUSTRIES, JODHPUR
  NAKODA STEEL, JODHPUR
  NAMAN ENTERPRISES, DELHI
  NARAYANKRUPA INDUSTRIES, AHMEDABAD
  NARENDRA STEELS, MUMBAI
  NAREN DHARAMCHAND AGARWAL,
  BHAYANDER

  NAYER DHARAMCHAND AGARWAL,
  BHAYANDER NARMADA INDUSTRIES CORPORATION. NARPAT STEEL PVT. LTD., JODHPUR
   NATIONAL STEEL & AGRO INDUSTRIES LTD., INDORE INDORE

  NAVKAR METAL, JODHPUR

  NAV-TECH INDUSTRIES, NEW DELHI

  NAV-TECH INDUSTRIES, MUMBAI (MHRSTR)

  NEELAM APPLIANCES, MUMBAI (MHRSTR)

  NEELKANTH METAL TRADING CO., DELHI

  NEELKANTH STAINLESS STEEL, MUMBAI

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  MUMBAI

  NIKUNJ ENTERPRISES NEELKANTH STAINLESS STEEL, MUMBAI
  NEW MAHARASHTRA MECHANICAL WORKS, MUMBAI
  NEW MAHARASHTRA MECHANICAL WORKS, MUMBAI
  NIKUNJ ENTERPRISES, GOREGAON(E)
  MILLE IMPEX, BHAYANDER (E), THANE
  NIRMAL ENTERPRISES, VADODARA
  NIRMAL ENTERPRISES, DELHI
  NIRMAL ENTERPRISES, NEW DELHI
  NISHA ENTERPRISES, NEW DELHI
  NISHA ENTERPRISES, NEW DELHI
  NISHA ENTERPRISES, NEW DELHI
  NITIN IMPEX, VASAI (E), THANE
  NITIN IMPEX, VASAI (E), THANE
  NITIN IMPEX (VASAI (E), THANE
  NITIN STAPAT PVT. LTD, KANPUR (UP)
  NITIN STEEL, GADAG (KARNATAKA)
  NIVAS LIMITED (NAIROBI KENYA), RAJKOT
  NORTH AMERICAN MERCANTILE INDIA PVT
  LTD, MUMBAI
  OMKAR STEELS, DELHI
  ONKAR STEELS, DELHI
  OSBORN LIPPERT IND, PVT. LTD,
  AURANGABAD
  OSWAL TRADING CO., MUMBAI
  OUTOKUMPU INDIA PRIVATE LIMITED,
  OXFORD INDUSTRIES, DELHI
  P. K. STEEL & METAL WORKS, DELHI
  P. S. RAJ STEELS PVT. LTD, HISAR
  PAAWAN TRADING CO., DELHI
  P. S. RAJ STEELS PVT. LTD, JOHHPUR
  PAPER STAR MARKETING, A HMEDDABAD
  PAPARA STRIPS PVT. LTD, JOHHPUR
  PARAS STEEL CENTRE, MUMBAI
  PARAS TRIPS POYL LTD, BHIWANI
  PARAS STEEL CENTRE, MUMBAI
  PARAS STEEL CENTRE, HYDERBABD (A, P.)
  PERFECT STEEL, MUMBAI
  PARAS TRIPS POYL LTD, BHIWANI
  PARAS TRIPS POYL LTD, CELHI
  PARAS TRIPS POYL LTD, BHIWANI
  PARAS TR PERFECT SILEL, MUNIDAN
  PERMA ENGG, AND TDG, CO, P. LTD., BHIWADI
  (RAJ.)
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  PHOENIX FOILS PVT. LTD., MUMBAI
  PILLOT EXPORTS, MUMBAI
  PILLOT EXPORTS, MUMBAI
  PILATINA STEELS, PVT. LTD., GUNTUR (A.P.)
  POHOOMAL KEWALRAM SONS EXPORTS PVT.
  LTD., BOMBAY
  PONN COOK, TRIBUNELVELI
  POOJA KITCHENWARE INC., CHENNAI
  PRABHAKARA TRADERS, ANDHAR PRADESH
  PRADIP STEEL
  PRAJAPATI TUBES PVT LTD., JAIPUR (RAJ.)
  PRAKASH STEELAGE LIMITED, MUMBAI
  PRATAP METAL INDUSTRIES, HAPUR
  PRATIK STEEL CENTER, HYDERABAD (A.P.)
  PRBODH BHAI R. SHAH, MUMBAI
  PRENSTEEL ENGUSTRIES, DELHI
  PRESCO APPLIANCES (P) LTD., GURGAON
  (HARYANA) PREMISTEL INDUSTRIES, DELHI
  PRESCO APPLIANCES (P) LTD., GURGAON
  (HARYANA)
  PRINCEWARE INTERNATIONAL PVT. LTD.,
  MUMBAI (MHRSTR)
  PRITE ENTERPRISES, BHAYANDER (E)
  PRITAM STEEL HOUSE, HYDERABAD (A.P.)
  PRIYA STEEL HOUSE, HYDERABAD (A.P.)
  PRIYANS HOME APPLIANCES, HYDERABAD (A.P.)
  PRIYANS HOME APPLIANCES, HYDERABAD (A.P.)
  PRIYANS HOME APPLIANCES, HYDERABAD (A.P.)
  PROFESSIONALS & TRADERS, PANCHIKULA
  QUALITY FOLIS INDIA LTD., HISARI[HARYANA)
  QUICK INDUSTRIEL SUPPLIERS, TALUKA VASAI
  R. J. METAL CORPORATION, CHEMNA
  R. F. GUTLERY WORKS, MORADABAD
  R. F. INDUSTRIES, DELHI
  R. S. STEEL CENTRE, NAGPUR b
  R. R. S. STEEL CENTRE, NAGPUR b
  R. R. S. STEEL CENTRE NAGPUR b
  RACHAITA CREATIVE SOLUTIONS, BARODA
  RACIANTA CREATIVE SOLUTIONS, BARODA
  RAGIANT CEMENT COMPANY PVT.
  LTD., SIRMAUR(H, P)
  RAGHUNIR METAL (INDUSTRIES, RAJKOT
  RANIBOW INTERNATIONAL, MORADABAD
  RAJ STEEL HOUSE, HYDERABAD
  RAJ STEEL HOUSE, HYDERABAD
  RAJ STEELS, AHMEDABAD
  RAJ STEELS, SHREDABAD
  RAJAN STEELS, FARIDABAD
  RAJAN STEELS, FARIDABAD
  RAJAN ANDIPES PVT. LTD., DELHI
  RAJEEV INDUSTRIES, JAGADHRI
  RAJENDRA METAL (MARTS, CHENNA)
  RAJENDRA METAL (MARTS, CHENNA)
  RAJENDRA METAL MARTS, CHENNAI
  RAJGURU STEELS, CHENNAI
  RAJKOT BUSINESS LINK LLP, RAJKOT
  RAJLAXMI INDUSTRIES, JODHPUR
  RAMA SHEETS PYL LTD., JODHPUR
  RAMESH STEEL CENTER, HYDERABAD (A.P.)
  RAMSON INDUSTRIES, MUMBAI
  RANAKPUR STEEL, MUMBAI
  RATNA HOME PRODUCTS PYL LTD., MUMBAI
  RATNA HOME PRODUCTS PYL LTD., MUMBAI
  RATNAKAR OVERSEAS, AHMEDABAD
  RATNAKAR OVERSEAS, AHMEDABAD
  RAVENN PROMOLINKS PYT. LTD., NEW DELHI
  BAVI ENTERPRISES, DELHI
  RAVI ENTERPRISES, DELHI
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  RAVI ENTERPRISES, DELHI
  RAVI ENTERSIS, DELMI
  RAGIAL METALS & SYSTEMS PYL LTD.,
  BANGALORE
  REGAL BRASS & STEEL WARE, HYDERABAD
  (A.P.) BANGALORE

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  (A.P.)

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  RELIABLE STEELS, JODHPUR

  REVAC SYSTEMS, HYDERABAD

  RICHWELL INTERNATIONAL, DELHI

  RIDDHI ENTERPRISES, MORADABAD

  RIDHI MARKETING, CHENNAI

  RIDHI STEEL TUBES INDUSTRIES, HARVANA

  RISHABH SANITARY APPLIANCES PVT. LTD.,
  SONIPAT.

  RISHI METAL, BHAYANDAR (W)

  ROKI IMPEX, BHAYANDER (E)

  ROCLITECH ENGINEERING P. LTD., AHMEDABAD

  RONUK METAFIN PVT. LTD., MUMBAI

  ROOP RAJAT INDUSTRIES, BHAYANDER (E)

  ROOP RAJAT INDUSTRIES, BHAYANDER (E)

  ROOSE IMPEX, DELHI

  ROSE METAL INDUSTRIES, MUMBAI

  ROYAL STRIPS PRIVATE LIMITED, MUMBAI

  ROYAL STRIPS PRIVATE LIMITED, MUMBAI

  ROYAL STRIPS PRIVATE LIMITED, MUMBAI

  ROYAL STRIPS PRIVATE LIMITED, MUMBAI

  ROYAL STRIPS PRIVATE LIMITED, MUMBAI

  ROYAL STRIPS PRIVATE LIMITED, MUMBAI

  S. EMPIRE EXIM PVT. LTD., BHAYANDER
  (E)THANE

  S. F. SONS. HYDERABAD ROYAL STRIPS PRIVATE LIMITED, MUMBAI S. EMPIRE EXIM PVT. LTD., BHAYANDER (E)THANE
  S. F. SONS, HYDERABAD
  S. K. METAL, BHAYANDER (MAHARASTRA)
  S. K. METAL, BHAYANDER (MAHARASTRA)
  S. H.M. ALLOYS PVT. LTD., JODHPUR
  S. VIJAY & CO., MUMBAI
  S. K. EXPORTS, MORADABAD
  SAARATHI INDUSTRIES, VADODARA
  SACHIN STEEL PVT. LTD., AHMEDABAD
  SAGAR EXPORTS, MUMBAI
  SAGAR EXPORTS, MUMBAI
  SAGAR EXPORTS, MUMBAI
  SAGAR INTERNATIONAL, MORADABAD
  SAINIK ENTERPRISES, MORADABAD
  SAINIK BELE (FALLOYS, CHENNAI
  SALEM STEEL TRADING CO., CHENNAI
  SALEM STEEL & ALLOYS, CHENNAI
  SAM GLOBALS, FARIDABAD
  SAMIJAN INTERNATIONAL, MORADABAD
  SAMIJAN STRINLESS STEEL WORKS, MUMBAI
  SANJAY STRINLESS STEEL WORKS, MUMBAI
  SANJAY STRINLESS STEEL WORKS, MUMBAI
  SANJAY STRINLESS STEEL INDUSTRY, SILIGURI
  SARASWATI UDYOG, JODHPUR (RAJ.)
  SARASWATI UDYOG, JODHPUR (RAJ.)
  SARASWATI UDYOG, JODHPUR (RAJ.)
  SARSWATIAN LIDYOG, SAMERDABAD SARAR STAINLESS STEEL INDUSTRY, SILIGURI
  SARASWATI UDVOG, JODHPUR (RALI).
  SARIKA STAINLESS STEEL INDUSTRIES, NEW
  DELHI
  SARVOTTAM STEEL INDUSTRIES, AHMEDABAD
  SARVOTTAM UDYOG, AHMEDABAD
  SARVOTTAM UDYOG, AHMEDABAD
  SARVOTTAM UDYOG, AHMEDABAD
  SATISH STEEL, VASAI (E)
  SAURABH STEEL UDYOG, DELHI
  SEEBA EXPORTERS, MUMBAI
  SETHIYA AGENCIES, RAIPUR
  SHAAN METAL WORKS, BHAYANDER (E)
  SHAH ENTERPRISES, KOTTAYAM
  SHAH FOILS PYT. LTD, GANDHINAGAR
  SHAHMAR INTERNATIONAL EXPO, MORADABAD
  SHANKAR STAINLESS, CULTACK
  SHANTI HARDWARE, DELHI
  SHARTI HARDWARE, MORADABAD
  SHINE GLOBAL HOUSEWARE LMD., CHENNAI
  SHINE GLOBAL HOUSEWARE LMD., CHENNAI
  SHINE GLOBAL HOUSEWARE LMD., CHENNAI
  SHINE HINDUSTRIES, AHMEDABAD
  SHINE BALAJI METAL INDUSTRIES, DELHI
  SHREE GALADHAL INDU STITU, JODHPUR
  SHREE BALAJI METAL INDUSTRIES, SHAYANDER (K)
  SHREE BALAJI METAL RIDUSTRIES, SHAYANDER (K)
  SHREE GAJAN METAL INDUSTRIES, SHAYANDER (K)
  SHREE GAJAN METAL INDUSTRIES, SHAYANDER (K)
  SHREE GANESH INDUSTRIES, SHAYANDER (K)
  SHREE GANESH INDUSTRIES, SHAYANDER (C)
  SHREE GAMESH INDUSTRIES, DOHPUR
  SHREE SHAKTI ENTERPRISES P LTD., DELHI
  SHREE SH
- SHRI MAHAVIR INDUSTRIES, DELHI
  SHRI NAVKAR METALS P. LTD., AHMEDABAD
  SHRI VANSHIKA STEEL, DELHI
  SHRI VANSHIKA STEEL, DELHI
  SHRI VENKATESWARA ENTERPRISES NEW
  DELHI
  SHRII VISHNU ENTERPRISES, KOLKATA
  SHRJIK KRUPA EXPORTS, GUJARAT
  SHYAM ALUMINIUM INDUSTRIES, JHARSUGUDA
  SHYAM FORTERPRISES, ALLAHABAD
  SHYAM FERRO ALLOYS LIMITED, KOLKATA
  SHYAM FERRO ALLOYS LIMITED, KOLKATA
  SHYAM TRADERS, SHIMOGA
  SHYAM TRADERS, SHIMOGA
  SIDDHARTH INDUSTRIES, THANE
  SIDHARTH SALES AGENCIES, CHENNAI
  SIGNA STEEL, MUMBAI
  SILOYER HOTEL WARES, MUMBAI
  SILOYER HOTEL WARES, MUMBAI
  SILOYER HOTEL WARES, MUMBAI
  SILOYER HOTEL WARDA, JAUNPUR
  SKIPPER LIMITED, KOLKATA
  SNB ENTERPRISES P LTD., DELHI
  SOHAG METAL PRESSING WORKS P. LTD.,
  MUMBAI
  SOHAM STEEL, MUMBAI SOHAM STEEL, MUMBAI SOHAM STEEL, MUMBAI
  SPINKS, GURGAON (HARYANA)
  SRI BALAJI MILLS, ARISIKERE
  SRI JAI KRISHNA METALS, COIMBATORE (T.N.)
  STAINLESS EMPORIUM PVT. LTD, KOLKATA
  STAINLESS EMPORIUM PVT. LTD, KOLKATA
  STAINLESS EMPORIUM PVT. LTD, MUMBAI
  STAR APPLIANCES PVT. LTD, MUMBAI
  STAR APPLIANCES PVT. LTD, MUMBAI
  STAR STEELS, DELHI
  STEEL EMPORIUM LIMITED, KOLKATA
  STEEL SAMRAT (I), MUMBAI
  STEEL SAMRAT (I), MUMBAI
  STEELS SAMRAT (I), MUMBAI
  STEELS SAMRAT (I), MUMBAI
  STEELS SAMRAT (I), MUMBAI
  STEELS SAMRAT (I), MUMBAI
  STEELS SAMRAT (I), MUMBAI
  STEELS SAMRAT (I), MUMBAI
  STEELS SAMRAT (I), MUMBAI
  SUBODH INDUSTRIES, BHAYANDER (E)
  SUMAN SALES & ENGINEERS, JODHPUR
  SUMIN NOVATIVES, NEW DELHI
  SUMAN SALES & ENGINEERS, JODHPUR
  SUMAN SALES & ENGINEERS, JODHPUR
  SUMER ENGINEERING WORKS, MUMBAI
  (MAHARASHTRA)
  SUNCITY ALLOYS PVT. LTD., JODHPUR (RAJ.)
  SUNCITY ALLOYS PVT. LTD., JODHPUR (RAJ.)
  SUNCITY ALLOYS PVT. LTD., JODHPUR (RAJ.)
  SUPER METAL, JODHPUR
  SUPER SMETLERS LTD, KOLKATA (W.B.)
  SUPER SMELTERS LTD, KOLKATA (W.B.)
  SUPER TAG, MUMBAI
  SUPRIN METALS, JODHPUR
  SURYA METALS, LOCHANAI
  SWASTIK METAL SYNDICATE, MYSORE,
  KARNATAKA
  SWATI ENTERPRISES, MORADABAD
  TATA RYERSON LIMITED, KOLKATA
  TERA IMPER PVT. LTD., MATHURA-UP
  THE BOMBAY METAL MART, GOA
  THE KAMBAR ENGG. AND PLASTICS. CO.,
  MUMBAI
  TIRIUPATI STEELS PVT. LTD., JODHPUR
  TIRIUPATI STEELS PVT. LTD., JODHPUR
  TIRIUPATI STEELS, LILUAH, HOWARAH (WB)
  TORYO EXIM LIMITED, MUMBAI
  TOPAL INDUSTRIES, MUMBAI
  TOPAL INDUSTRIES, MUMBAI
  TOPAL INDUSTRIES, MUMBAI
  TUPFWARE INDUSTRIES, SASAI
  TULIP IMPEX PVT. LTD., MATHURA-UP
  TRISHLA METALS, CHENNAI
  UNION STEELS PVT. LTD., DELHI
  TWO BROTHERS EXPORT (INDIA), DELHI
  UNON STEELS, DELHI
  UNON STEELS, DELHI
  UNON STEELS, DELHI
  UNON STEELS, DELHI
  UNON STEELS, DELHI
  UNON STEELS, DELHI
  UNON STEELS, DELHI
  UNON STEELS, DELHI
  UNIVERSAL ENTERPRISES, DELHI
  UNIVERSAL ENTERPRISES, DELHI
  UNIVERSAL ENTERPRISES, MUMBAI
  UNIVERSAL ENGRERERING, AHMEDABAD
  UNIVERSAL ENGRERERING, AHMEDABAD
  UNIVERSAL ENGRERERING, AHMEDABAD
  UNIVERSAL VASHISHI ALLUYS, JAGADHHI
  VEETEX INDIA / SWARN KAMAL, JODHPUR
  (RAJ.)
  VENUS INDIA, MORADABAD
  VIJAY TUBE INDUSTRIES, BIIIMOTE, (GUJATAT)
  VIJAY TUBE INDUSTRIES, BIIIMOTE, (GUJATAT)
  VIKAS AND HINE INDUSTRIES, AHMEDABAD
  VIKAS STEEL ING., FARIDABAD (HARYANA)
  VIKASH MARKETING, AHMEDABAD
  VIKASH MARKETING, AHMEDABAD
  VIKASH KATELL VASAI
  VINOVE KITCHENWARE, SONIPAT, HARYANA
  VISHAL TIME INDUSTRIES, CHENNAI
  VISHALANDHARA IND, HYDERABAD (A.P.)
  VISHWAKARMA ENGG. WORKS, ALWAR (RAJ.)
  VSP INTERNATIONAL PVT. LTD., NEW DELHI
  WAZIR CHAND & CO. P. LTD., MORADABAD
  WORLDFA EXPORTS, (P) LTD., SONEPAT
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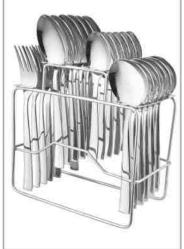












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