



Stainless Steel & Nickel Alloy

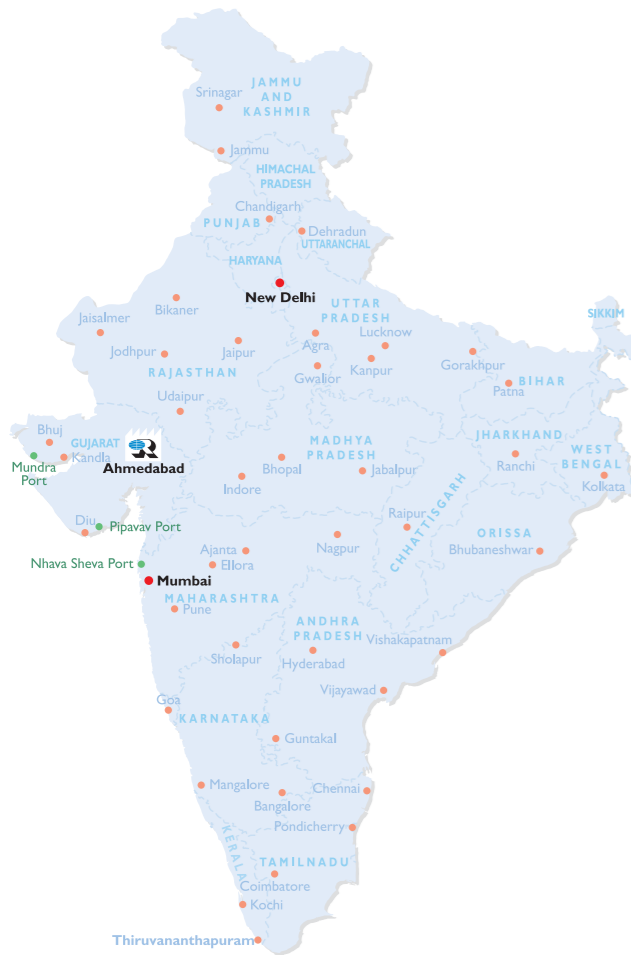
- Colour Coated Wires

STRENGTHENING THE **FUTURE...**
...WITH THE POWER OF **STAINLESS**

FUTURE
STAINLESS



Raajratna[®]
Metal Industries Limited



Raajratna Metal Industries Limited is an "ISO 9001:2015", "ISO 14001:2015", "IATF 16949:2016" & "ISO 13485:2016" certified company, started production of stainless steel wires in 1990 and subsequently diversified to bright bars. Since its beginning Raajratna has used state-of-the art technology with strong emphasis on product quality and customer satisfaction.

As a result of continuous improvement in every aspects of business within a short span, today Raajratna has become one of the most reliable sources of quality products both in domestic as well as in international market with an annual production capacity of 55,000 tonnes. Because of its large manufacturing capacity and continuous product innovation with the regular upgradation, Raajratna has achieved economy of scale and is able to serve customers having highly diversified requirements.

Raajratna exports its 70% of production to more than 60 countries across the globe. It has been possible due to Raajratna's ability to meet exact market requirements and strict adherence to delivery schedule with an individual attention to every customers.

Raajratna manufactures all types of stainless steel & nickel alloy wires for various applications. It has got a state of the art facility for manufacturing and maintaining stringent quality parameters, considering the end application of the wires. It also offers customised packing styles for easy handling and storage. We have product range as follows :

- Wires** | General | Spring | Welding | Metallising | Cladding | Cold Heading | Shape/Profile | Fine | Super Fine
- Bars** | Bright (Round) | Square | Hex | Flat
- Rebars** | Reinforcement Bar

Raajratna has also started manufacturing **Stainless Steel Colour Coated Wires** for various applications viz. Bicycle & motorbike spokes, Roofing Hooks, Forming Parts, Clip-Lock for bottles & many more....



Stainless Steel Colour Coated Wires

- Size Range** : 1.00 mm to 5.00 mm (0.04" - 0.196")
- Colour** : Any colour as per customer's requirements
- Grades** : All Stainless Steel & High Nickel grades as per customer's requirements
- Packing** : In coil or can also give customize packing as per the customer's requirements
- Condition** : Soft annealed - 1/4 hard, 1/2 hard, 3/4 hard, full hard

We use a specially developed PU paint which has special additives for scratch resistance.

Corrosion protection from coating is outstanding: Our coated stainless steel wire resists up to 1700 hours of salt spray lab test as per ASTM B117.

Stainless steel wires of different grades when coated and cured and then submitted to accelerated weathering (ASTM G154, cycle of 8 hours UV exposure at 60°C plus + 4 hours of "condensation" in humid environment at 50°C) didn't show any kind of discoloration and corrosion of the underlying substrate was limited, as well after 2000 hours of testing.

Regarding mechanical properties, a little embrittlement (torsion or tight bending may cause some delamination) may be observed, but hardness and gloss were kept almost unaffected.

That means, this type of coatings can resist about 20-30 years of outdoor exposure without any particular concerns.

And this coating is virtually VOCs free.





Plant - Indonesia



Plant - India



Raajratna[®]

Metal Industries Limited

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- Los Angeles (CA)