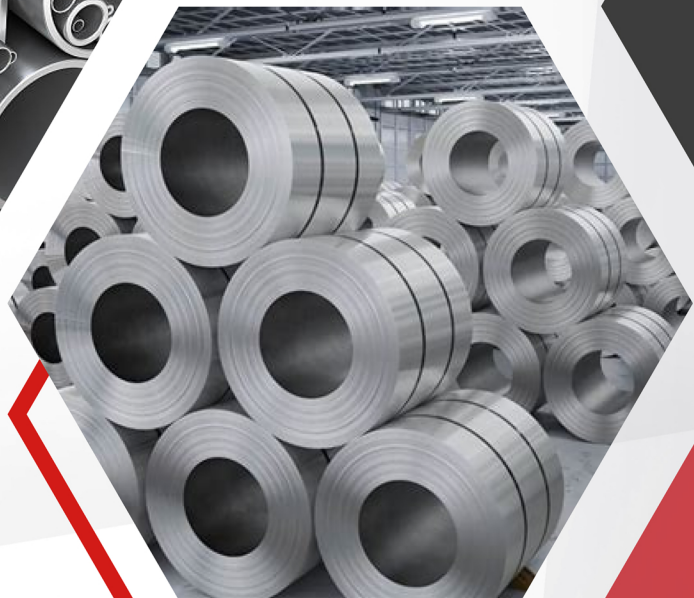
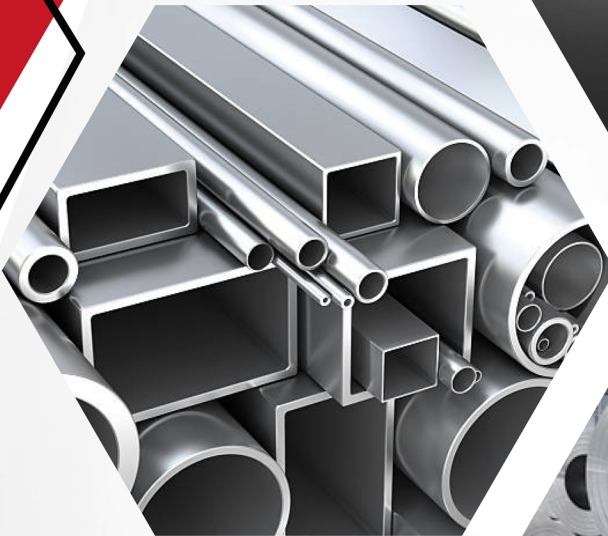
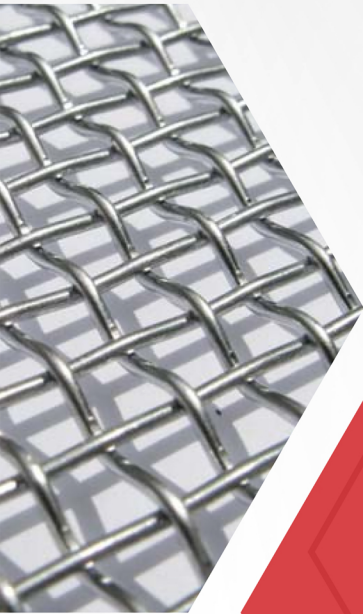




MANUFACTURER & EXPORTER OF

**PIPES & TUBES,
COILS & SHEETS,
WIRES & WIRE MESH**



WHY US?

READY STOCK

QUALITY ASSURANCE

COMPETITIVE PRICES

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3. COILS & SHEETS
4. WIRES & WIRE MESH
5. MANUFACTURING PROCESS
6. QUALITY POLICY
7. APPLICATION



LEGACY, DRIVEN BY CONSISTENCY & EFFICIENCY

30+ Years
900+ Clients

500+ Project Demands Met
17 Countries Supplied

Founder

Mr. Pukhraj Siremalji Jain

Director

Mr. Kunal Pukhrajji Jain

About Us

Three decades into the steel industry, Rico Steel is a well-established geographically diversified manufacturer & supplier of Stainless Steel Industrial Products that covers Pipes, Tubes, Coils, Sheets, Wires and Wire Mesh in all shapes and sizes produced in our manufacturing facility based in India. Our growth has been backed by the excellence of our people, value driven business operations, customer centricity, best safety practices and a commitment for social responsibility. We have extensive experience in supplying material to large scale projects and catering to the day-to-day requirements of India's stainless steel fabricators.

The company commenced operations with domestic trading of steel products within Mumbai since 1993. It gradually increased its sales revenue and developed cost-effective manufacturing capabilities and a lot more loyal client base. Rico's core strength lies at operational excellence, service delivery and price competitiveness.

Adhering to the international standards, we ensure optimal quality with on-time delivery for our clientele. As the country's largest independent stainless steel supplier, our clients enjoy supply chain reliability, bulk stock availability, fast turnaround and just-in time delivery.



Vision

Facilitate ground-breaking stainless solutions through sustainable steel products at competitive prices across territories. Rico envisions to capitalize on the changes & evolve into a service-oriented business through organic growth.



Mission

Just like the finest steel goes through the hottest fire, we strive to work smarter, faster, and more collaboratively than before. Our mission is to maintain first-class delivery record on over 100+ Stainless Steel products.

What Sets Us Apart



Huge Stock Availability:
Maintaining first class delivery record with same day dispatch on over 100+ Stainless Steel products in different grades.



Bundling Facility:
We provide properly packed bundle of tubes for efficient handling and reduced damages.



Special Coating:
Matt, Polish, 2B, Sand Dust, Electro Polish, Aluminium Finish. Rico Steel provides the service of polishing on all types of pipes.



Cut-to-Size:
Rico Steel offers the service of cutting the pipes and tubes to the size demanded by the customers.



Packaging:
Our packaging of the Pipes and other Industrial Products comply to the international standards for prevention of any kind of damage or loss. Usually, woven plastic bags are used to make bundles of finished tubes or pipes. In special cases, wooden case is utilised for protection.

SHAPED BY ENDEAVORS & AMBITIONS

PIPES AND TUBES

Product	Type	Standards	Grades	Size Range	Wall Thickness
Welded Pipes & Tubes	Ornamental	ASTM A 312, A249, A269, A213, A270, A554	200 and 300 series	Round : 9.5mm to 101mm Square : 10x10mm to 100x100mm Rectangle: 10x20mm to 100x50mm	0.7 to 3mm
	Slotted	ASTM A554, A270	200 and 300 series	Slot Size : 15x15mm to 24x24mm	1mm, 1.10mm, 1.30mm, 1.80mm
	Industrial	ASTM A312	200 and 300 series	NB Size : 1/8" to 16" OD Size : 101 to 200	Sch 5S, 10S, 40S
Seamless Pipes & Tubes	-	ASTM A213/A312	300 series	NB Size : 1/8" NB to 16" NB	Sch 5S, 10S, 40S, 80, 160, XXs

Finish: No.1, 2D, 2B, No.4, Hairline (HL), Cold-Formed (CF), Buff-Polished (BP), As Welded (AW)

Ends: Plain, Beveled, Threaded

Length: 6 mtr standard length, other lengths

Please note: Other sizes available upon request

ROUND ORNAMENTAL PIPES & TUBES

Outer Diameter		THICKNESS					
IN	MM	0.7	0.8	0.9/1	1.2	1.5	2
3/8"	9.5	✓	✓	✓			
1/2"	12.7	✓	✓	✓			
5/8"	15.9	✓	✓	✓	✓	✓	
3/4"	19.05	✓	✓	✓	✓	✓	
7/8"	22.2	✓	✓	✓	✓	✓	
1"	25.4	✓	✓	✓	✓	✓	
1-1/4"	27.2	✓	✓	✓	✓	✓	
1-1/4"	31.8	✓	✓	✓	✓	✓	
1-1/2"	38.1	✓	✓	✓	✓	✓	✓
2"	50.8	✓	✓	✓	✓	✓	✓
2-1/2"	63.5		✓	✓	✓	✓	
3"	76.2		✓	✓	✓	✓	
4"	101		✓	✓	✓	✓	

RECTANGLE ORNAMENTAL PIPES & TUBES

Outer Diameter		THICKNESS					
IN	MM	0.7	0.8	0.9/1	1.2	1.5	2
	10 x 20		✓	✓	✓	✓	
	10 x 30		✓	✓	✓	✓	
	10 x 40		✓	✓	✓	✓	
	10 x 50		✓	✓	✓	✓	
1" x 1/2"	13 x 26	✓	✓	✓	✓	✓	
3/4" x 11/4"	20 x 40	✓	✓	✓	✓	✓	
1" x 2"	25 x 50		✓	✓	✓	✓	✓
2 1/2" x	60 x 40		✓	✓	✓	✓	✓
11/2" x 3"	40 x 80		✓	✓	✓	✓	✓
1" x 3"	25 x 75		✓	✓	✓	✓	✓
4" x 2"	100 x 50		✓	✓	✓	✓	✓

WELDED INDUSTRIAL PIPES (OD SIZES)

Diameter		THICKNESS (mm)			
OD1	OD2	3	4	5	6
101		✓	✓	✓	
127		✓	✓	✓	
152		✓	✓	✓	
203.4		✓	✓	✓	
40	40	✓	✓	✓	
50	50	✓	✓	✓	
80	40	✓	✓	✓	
80	80	✓	✓	✓	
100	50	✓	✓	✓	
100	100	✓	✓	✓	✓
120	120	✓	✓	✓	✓
150	150	✓	✓	✓	✓
100	150	✓	✓	✓	✓
100	200	✓	✓	✓	
200	200	✓	✓	✓	✓

SEAMLESS INDUSTRIAL PIPES AND TUBES

Diameter (NB size)		THICKNESS					
Designator	MM	Sch 5S	Sch 10S	Sch 40S	Sch 80	Sch 160	XXS
1/8	10.29		1.24	1.73	2.41		
1/4	13.72		1.65	2.24	3.02		
3/8	17.15		1.65	2.31	3.2		
1/2	21.34	1.65	2.11	2.77	3.73	4.75	7.47
3/4	26.67	1.65	2.11	2.87	3.91	5.56	7.82
1	33.4	1.65	2.77	3.38	4.55	6.35	9.09
1 1/4	42.16	1.65	2.77	3.56	4.85	6.35	9.7
1 1/2	48.26	1.65	2.77	3.68	5.08	7.14	10.16
2	60.33	1.65	2.77	3.91	5.54	8.74	11.07
2 1/2	73.03	2.11	3.05	5.16	7.01	9.53	14.02
3	88.9	2.11	3.05	5.49	7.62	11.13	15.24
4	114.3	2.11	3.05	6.02	8.56	13.49	17.12
5	141.3	2.77	3.4	6.55	9.53	15.88	19.05
6	168.28	2.77	3.4	7.11	10.93	18.24	21.95
8	218.08	2.77	3.76	8.18	12.7	23.01	22.23
10	273.05	3.4	4.19	9.27	12.7	28.58	25.4
12	323.85	3.96	4.57	9.52	12.7	33.32	25.4
14	355.6	3.96	4.78	11.13	12.7	35.71	
16	406.4	4.19	4.78	12.7	12.7	40.49	

SQUARE ORNAMENTAL PIPES & TUBES

Outer Diameter		THICKNESS					
IN	MM	0.7	0.8	0.9/1	1.2	1.5	2
	10 x 10	✓	✓				
1/2" x 1/2"	12.7 x 12.7	✓	✓	✓	✓		
5/8" x 5/8"	15 x 15	✓	✓	✓	✓	✓	
3/4" x 3/4"	20 x 20	✓	✓	✓	✓	✓	
1" x 1"	25 x 25	✓	✓	✓	✓	✓	✓
1 1/4" x 1 1/4"	30 x 30	✓	✓	✓	✓	✓	✓
1 1/2" x 1 1/2"	40 x 40	✓	✓	✓	✓	✓	✓
2" x 2"	50 x 50	✓	✓	✓	✓	✓	✓
2 1/2" x 2 1/2"	80 x 80			✓	✓	✓	
4" x 4"	100 x 100	✓	✓	✓	✓	✓	

SLOTTED PIPES & TUBES

Outer Diameter		Slot Size	THICKNESS	
OD1	OD2	MM	1.2	1.5
38.1		15x15	✓	✓
50.8		15x15	✓	✓
48		24x24	✓	
40	40	15x15	✓	✓
50	50	15x15	✓	✓
60	40	15x15	✓	✓
80	40	15x15	✓	✓
65	25	24x24	✓	
80	40	24x24	✓	

WELDED INDUSTRIAL PIPES (NB SIZES)

Diameter (NB size)		THICKNESS		
Designator	MM	Sch 5S	Sch 10S	Sch 40S
1/8	10.29		1.24	1.73
1/4	13.72		1.65	2.24
3/8	17.15		1.65	2.31
1/2	21.34	1.65	2.11	2.77
3/4	26.67	1.65	2.11	2.87
1	33.4	1.65	2.77	3.38
1 1/4	42.16	1.65	2.77	3.56
1 1/2	48.26	1.65	2.77	3.68
2	60.33	1.65	2.77	3.91
2 1/2	73.03	2.11	3.05	5.16
3	88.9	2.11	3.05	5.49
3 1/2	101.6	2.11	3.05	5.74
4	114.3	2.11	3.05	6.02
5	141.3	2.77	3.4	6.55
6	168.28	2.77	3.4	7.11
8	218.08	2.77	3.76	8.18
10	273.05	3.4	4.19	9.27
12	323.85	3.96	4.57	9.52
14	355.6	3.96	4.78	11.13
16	406.4	4.19	4.78	12.7

COILS & SHEETS

DIMENSIONS FOR COILS:

PRODUCT	AISI	THICKNESS	WIDTH
Hot-Rolled Coils (N1)	201, 301, 304, 304L	3.00 - 12.77 2.51 - 2.99 2.00 - 2.50	600 - 1524 600 - 1250 600 - 1000
	316, 316L, 321, 310S	4.00 - 12.70 3.00 - 3.99	600 - 1524 600 - 1250
Hot-Rolled Sheets (N1)	201, 301, 304, 304L	3.00 - 12.77 2.51 - 2.99 2.00 - 2.50	762 - 1524 762 - 1250 762 - 1000
	316, 316L, 321, 310S	4.00 - 12.70 3.00 - 3.99	762 - 1524 762 - 1250
Cold- Rolled Coils (2B/2D)	201, 301, 304, 304L, 316, 316L, 321, 310S	0.3 - 0.49 0.5 - 6.00	600 - 1250 600 - 1500

MAX WEIGHT:

FINISH	WIDTH (mm)				
	1000	1220	1250	1500	1524
	MAX WEIGHT (kg/mm WIDTH)				
N1	19	19	19	17	16.5
2B / 2D	18	18	17.5	16	16
FINISH	WIDTH (mm)				
	1000	1220	1250	1500	1524
	MAX WEIGHT (Mt)				
N1	19	23	24	25	25
2B / 2D	18	22	22	24	25



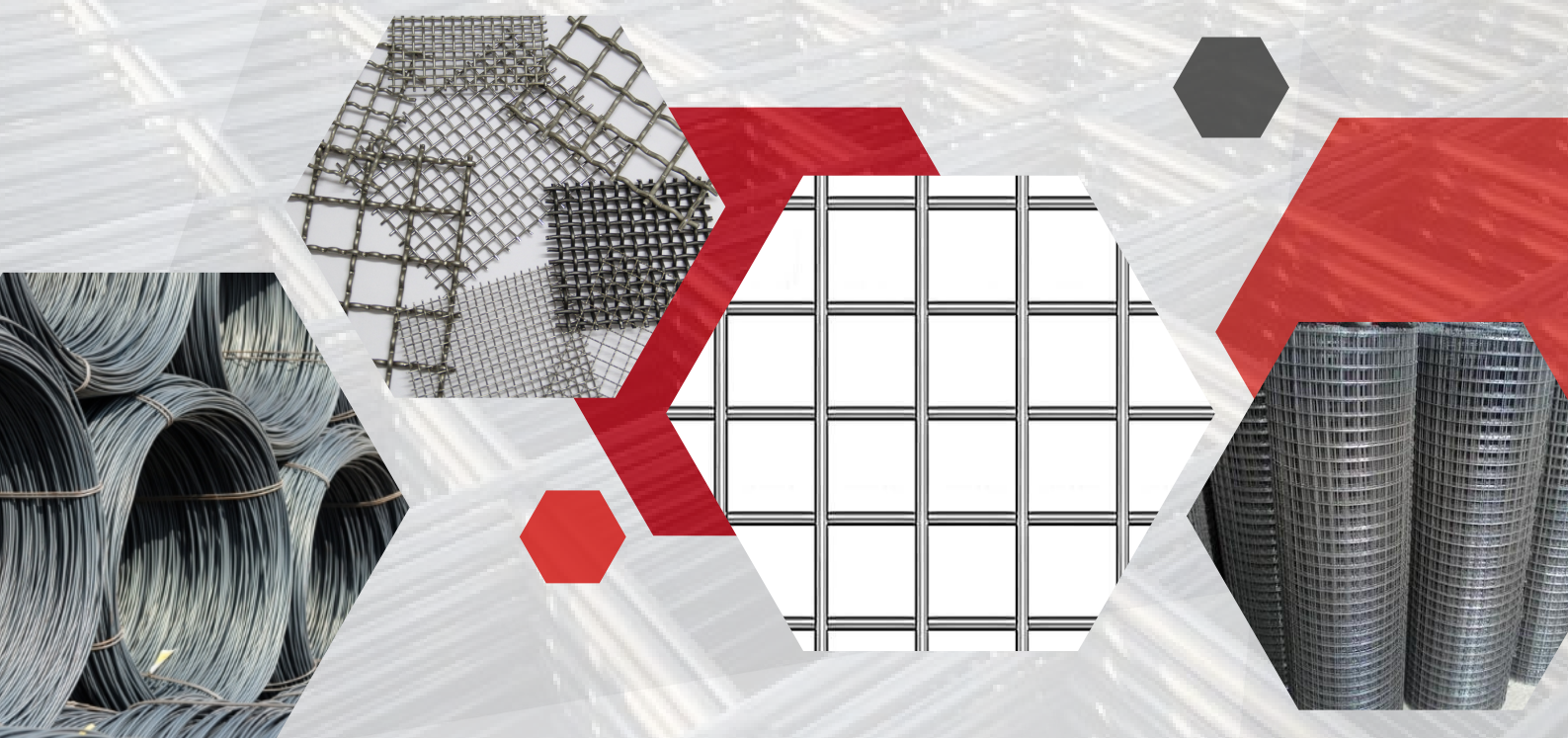
WIRES

Product	Standards	Grades	Size Range	Weight	Packaging
General Purpose Wire	as per AISI, DIN, JIS and BS standards	All 200 series, 300 Series & 400 Series	1.2mm to 8mm	100Kg to 1000Kg	Coils with/without metal carriers(Tied with suitable clamps & wrapped with fine expandable transparent air tight sheet & finally with HDPE Rolls)
Fine Wire	as per AISI, DIN, JIS and BS standards	All 200 & 300Series	0.2mm to 0.7mm	4-6 Kg/10-12 Kg/18-20Kg	Spools: Din 125, Din 160, Din 200, Din 250

Finishes	Soft Annealed (Matt/Bright), $\frac{1}{4}$ Hard, $\frac{1}{2}$ Hard, 1/8 Hard, Full Hard, EPQ
Quality	As per International Standards UTS/Elongations as per Customer Requirements
Length Tolerance	With in +/- 25 mm

WIRE MESH

Product	Types	Grades	Wire Diameter	Mesh Opening	Width	Application
Welded Wire Mesh	-	Stainless Steel 304 & 316	1.6mm to 2.2mm	15mm x 15mm to 65mm to 65mm	1m, 1.2m, 1.5m, 2.0m	Infill panel & railing systems Industrial fan & machine guards Security enclosures Animal retention (cages) Decorative signage Room Dividers Racking & storage Aviary & bird screen
Crimped Wire Mesh	Plain, Intermediate, Locked and Flat Top	Stainless Steel 304 & 316	0.45mm to 10mm	0.6mm to 150mm	1m~5m	Electroplating industry Architectural Decoration Automobile Filtration

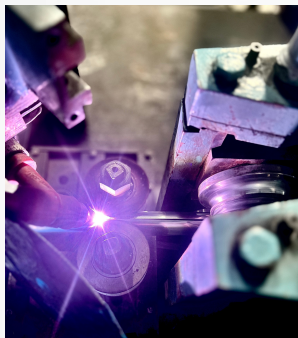
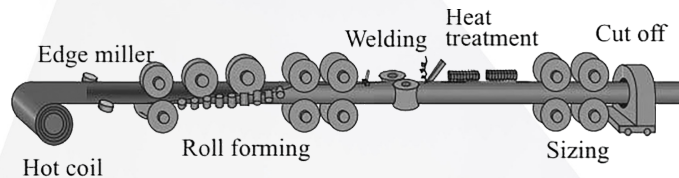


MANUFACTURING PROCESS

Crafting Quality, Delivering Results

Stainless Steel ERW Pipes & Tubes are manufactured using the method of Continuously Longitudinal Welded. In this manufacturing process, a coil of stainless steel strip is fed into the tube mill, that eventually passes through forming rolls making the material ready for welding. The welding process is carried out, using tungsten inert gas (TIG). The TIG welding process joins the rolled metals together using an electric arc that has a built-in electrode.

The drawn-out tube or ss pipe is then subjected to cleaning, heat treatment, pickling and straightening. The computerized ink jet marking machine is used to do the marking on the finished pipes or tubes. After heating is finished, the stainless steel pipes and tubing are taken through a picking segment where they are straightened out, and scales are removed from its surface. The pipe or tube is marked with grade of material, size, heat number and the stamp of third party inspection. The pipes are taken through testing for quality and other checks. Finally, everything is packed and dispatched.



CHEMICAL COMPOSITION

Grade	UNS	COMPOSITION PERCENTAGE, MAX OR RANGE							
		CARBON (C)	MANGANESE (Mn)	PHOSPHORUS (P)	SULPHUR (S)	SILICON (Si)	NICKEL (Ni)	CHROMIUM (Cr)	MOLYBDENUM (Mo)
201	S20100	0.15	5.50-7.50	0.06	0.03	1	3.5-5.5	16-18	-
202	S20200	0.15	7.50-10.0	0.06	0.03	1	4-6	17-19	-
301	S30100	0.15	2	0.045	0.03	1	6-8	16-18	-
302	S30200	0.15	2	0.045	0.03	0.75	8-10	17-19	-
304	S30400	0.07	2	0.045	0.03	0.75	8-10.5	17.5-19.5	-
304L	S30403	0.03	2	0.045	0.03	0.75	8-12	17.5-19.5	-
304H	S30409	0.04-0.10	2	0.045	0.03	0.75	8-10.5	18-20	-
309S	S30908	0.08	2	0.045	0.03	0.75	12-15	22-24	-
310S	S31008	0.08	2	0.045	0.03	1.5	19-22	24-26	-
310H	S31009	0.04-0.10	2	0.045	0.03	0.75	10-14	24-26	-
316	S31600	0.08	2	0.045	0.03	0.75	10-14	16-18	2-3
316L	S31603	0.03	2	0.045	0.03	0.75	10-14	16-18	2-3
316H	S31609	0.04-0.10	2	0.045	0.03	0.75	11-15	16-18	2-3
317	S31700	0.08	2	0.045	0.03	0.75	11-15	18-20	3-4
317L	S31703	0.03	2	0.045	0.03	0.75	9-12	18-20	3-4
321	S32100	0.08	2	0.045	0.03	0.75	9-13	17-19	-
347	S34700	0.08	2	0.045	0.03	0.75		17-19	-

TENSILE REQUIREMENTS

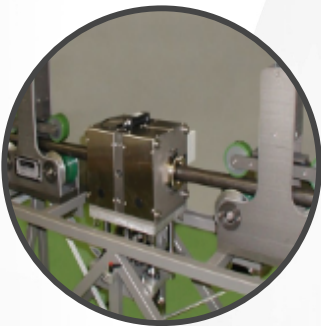
Grade	UNS	Tensile Strength min		Yield Strength min		Elongation in 2in (50mm) or 4D min	
		ksi	MPa	ksi	MPa	Longit%	Trans%
All	All	75	515	30	205	35	25
All = All grades listed in the chemical composition table except those listed below							
TP304L	S30403	70	485	25	170	35	25
TP304N	S30451	80	550	35	240	35	25
	S31272	65	450	29	200	35	25
TP316L	S31603	70	485	25	170	35	25
TP316N	S31651	80	550	35	240	35	25
TP321	S32100	75(70')	515(485')	30(25')	205(170')	35	25
TP321H	S32109	75(70')	515(485')	30(25')	205(170')	35	25

QUALITY POLICY

Every order you place goes through thorough inspection and quality checks.
We operate on the backbone of a certified process.

As part of Rico's comprehensive Quality Control program, there have been targeted investments in the equipments and machines to ensure Stainless Steel Welded Pipes & Tube orders are duly fulfilled.

Rico has a dedicated team that takes care of rigorous quality management from placing the order to the receipt right through the shipping, hence, the entire process control is implemented systematically. Optical devices and analog measuring instruments like caliper, alloy analyzer and other gauges are used for the inspection. Both the heat number & lot controls are noted to ensure the total traceability. Additionally, Positive-Material-Identification (PMI) is tested on all Stainless Steel materials after receiving and before leaving the warehouse to ensure no material mix has occurred.



EDDY CURRENT
TEST



HARDNESS
TEST



WELD
TESTING



TENSILE
TEST



FLATTENING
TEST



SURFACE
FINISH
TESTS



POSITIVE
MATERIAL
IDENTIFICATION
(PMI) TEST



BEND
TEST

APPLICATION

Delivering what you need, When you need and Where you need it



KITCHEN
FURNITURE



ANIMAL CAGES



DAIRY PLANT



BALUSTRADES



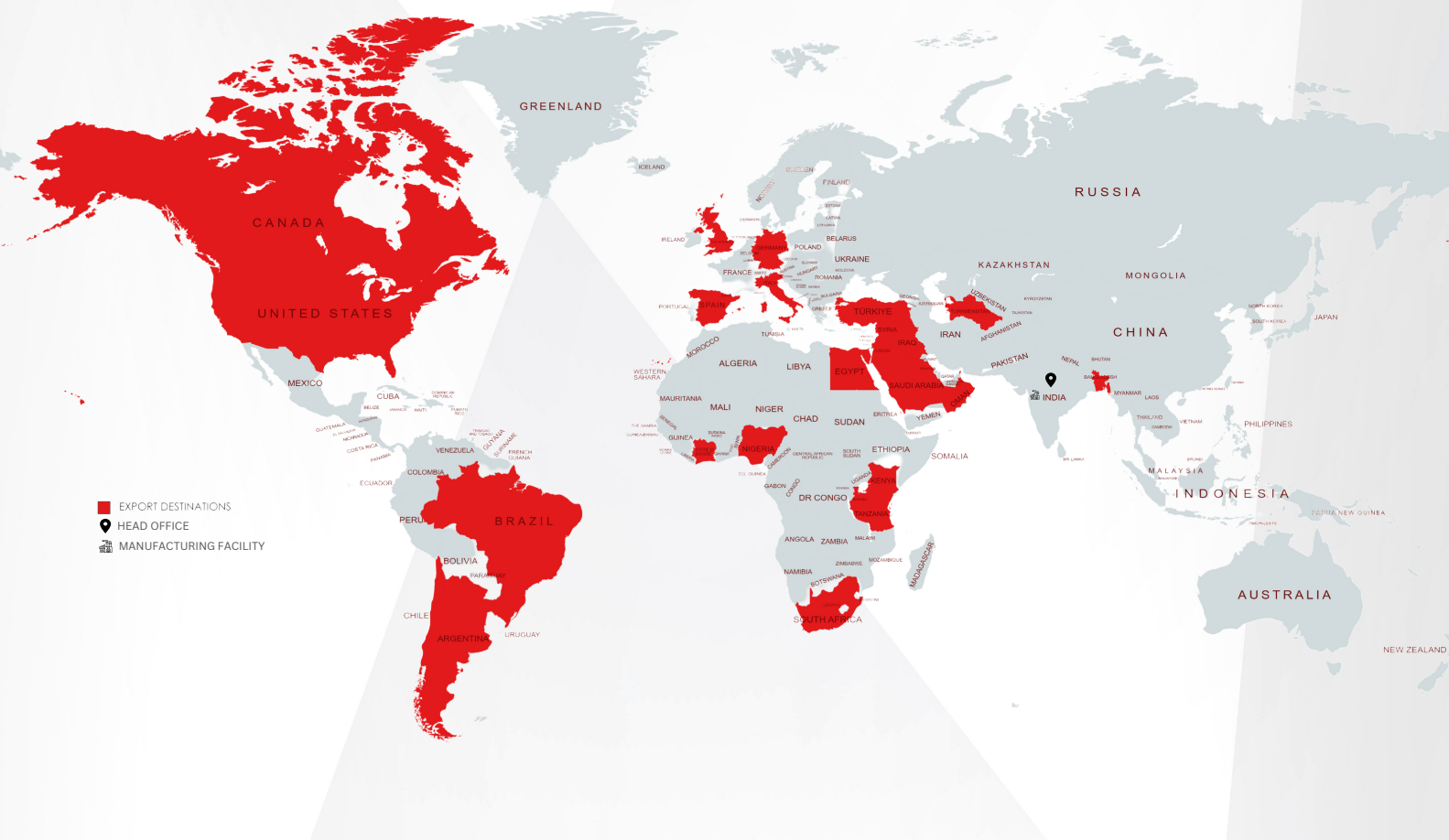
CHEMICAL
INDUSTRY



INDUSTRIAL POWER
PLANTS



AUTOMOTIVE



How We Make A Difference.

- Huge Inventory
- Competitive Prices
- Time-Bound Delivery
- Wide Distribution Network
- Dedicated Team
- Customised Solutions

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