



VIF

THE

BOLTS NUTS PEOPLE

The Bolts Nuts People

ESTD. 1974

COMPANY OVERVIEW

M/s Vardhman Industrial Fasteners (VIF) has established in 1974 for manufacturing High Tensile Fasteners. VIF strictly follow international standards like DIN, ISO, IS, ASTM, BS, JS, ANSI etc.

The Lab equipments facilitate in maintaining quality and constantly innovating our production methods, thereby enhancing customer satisfaction.

47+ Years of Experience



ABOUT US

We are one of the leading manufacturer of Bolts, Nuts Studs, Special types of Pins & Bushes which are used in various Railway Locos, Bogies, Transformers, Heavy traction motors, Heavy Industries like turbines, engineering divisions, Wind Energy & Industries like Industrial Engineering Automobiles and General Mechanical Engineering purpose.

Available in various sizes of Specifications, we ensure that all our Vast range of fasteners confirm the required industrial standards in terms of quality, design & functionality. We use High Grade Material in the production process to ensure sturdy design dimensional accuracy, resistance and longer service life.

“

Fasteners to customer drawings, having special, application with special raw material are our specialty.”



OUR PRODUCTS



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OUR PRODUCTS

◆ HEX Bolts/ Round Bolts/ As per Customers DRG

Standards	DIN EN ISO- 4014 & 4017 DIN- 931 / 933 & IS:1364 / IS 1363/ CUSTOMER DRG.
Grade	8.8 / 10.9 / 12.9
Size	Dia M 8 to 72 mm & Length M 30 to 3000 mm
Finish	Plain/ Zinc Plated/ Black Phosphate/ Hot Dip Galvanised

◆ Washers – As Per Customer’s Requirements

Standards	IS: 2015 / 3064 DIN EN ISO: 3063 DIN-125 / ISO: 7090
Grade	Carbon steel, Alloy steel and spring steel
Size	Dia M 8 to 105 mm
Finish	Plain/ Zinc Plated/ Black Phosphate/ Hot Dip Galvanised

◆ Hex Nuts/ Castle/ Slotted/ Round Nuts/ As per customer’s Requirement

Standards	DIN EN ISO: 4032 DIN 934 / 970 & IS:1363 / IS:1364 – 67 / IS: 2232 / CUSTOMERS DRG.
Grade	8, 10, 12
Size	Dia M 8 to 105 mm
Finish	Plain/ Zinc Plated/ Black Phosphate/ Hot Dip Galvanised

OUR PRODUCTS

◆ Non – Standard Fasteners / As Per Customers Requirement

Standards	AS PER CUSTOMERS DRG.
Grade	Carbon steel, Alloy steel & Heat Treatment/ Induction Process
Size	Dia M 8 to 72 mm
Finish	Plain/ Zinc Plated/ Black Phosphate/ Hot Dip Galvanised

◆ Studs/As per Customer’s Requirement

Standards	DIN 976/ IS:1862 / AS PER CUSTOMERS DRG.
Grade	Carbon steel, Alloy steel
Size	Dia M 8 to 72mm
Finish	Plain/ Zinc Plated/ Black Phosphate/ Hot Dip Galvanised

◆ Socket Head Cap Bolts

Standards	DIN 912/ IS 2269 / DIN 7984
Grade	10.9 & 12.9
Size	M8 TO 48 mm
Finish	Plain / Zinc Plated / Black Phosphate

“ At Vardhman Indl. Fasteners, Growth is a natural outcome of total adherence to 3 core operating principles:- Customer orientation, total quality and ethical business practices. The company is delighted and thankful to all its customers for regular support and its guidance



OUR PROCESS



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OUR PROCESS

We are leading manufacturers of Raw material, Forging, Fasteners & Heavy Studs & Nuts



Raw Materials

Procure Raw material from reputed steel mills to maintain standard quality norms.



Machining on CNC machines

- ◆ With in-house Auto Cad Drawing facilities with précised parameters
- ◆ CNC Machining capability upto 3 MTR Long studs.



Forging in house

- ◆ M 8 to M 24 are from Cold Forged
- ◆ M 27 to M 72 are from Hot Forging (with high quality dies & fixtures)

OUR PROCESS

We are leading manufacturers of Raw material, Forging, Fasteners & Heavy Studs & Nuts



Heat Treatment

- ◆ With controlled atmosphere and temperature controls.
- ◆ Each & every batch of heat treatment is checked with all standard parameter.



Bolts thread rolled

- ◆ After heat treatment to give extra strength and fatigue life to the threads.
- ◆ All threads are checked by Calibrated Ring & Plug Gauges.
- ◆ Thread Rolling capability upto 100MM

TESTING



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TESTING

Testing machine installed with in our manufacturing facility enabling us to complete test in house saving valuable time in the manufacturing process & reduced lead timees. Along with that liquid penetrant inspection (LPI) is used to detect forging surface defeects such as hairline cracks and surface porosity.

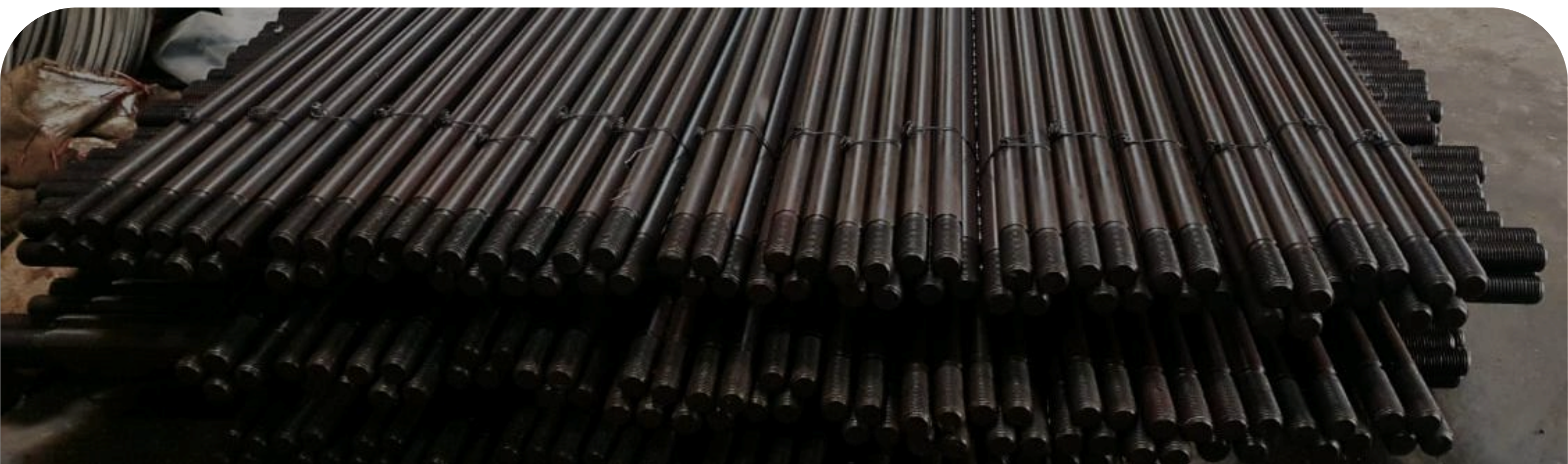
The products life and quality is measured not only by its Grades and Standards but also by its finish which prevents it from rusting and adds strength to the material. We are proud to say that we excel in manufacturing various types of standard & on standard fasteners (as per customer drawing) as per the customer requirement.



Our team of experienced professionals has expertise and in depth knowledge in this domain helped us to offer dimensionally accurate range of fasteners.

TESTING & MEASURING INSTRUMENTS

- ▶ Hardness Tester
- ▶ Polishing Machine
- ▶ Inverted Metallurgical Microscope
- ▶ Crack Detector
- ▶ Complete Collection of Sprays for Internal Cracks
- ▶ Universal Testing Machine 60 UTN (FIE Make)
- ▶ Positive Material Identification
- ▶ Micrometers
- ▶ Vernier Calipers
- ▶ Ring-Guadges
- ▶ Plug-Guadges
- ▶ Pitch-Guadges
- ▶ Coat-Meters
- ▶ Pitch-Micrometers
- ▶ Inner-Micrometers



MECHANICAL TESTING



Impact Testing Machine



Crack Detector



Inverted Metallurgical Microscope



Inverted Metallurgical Microscope



Polishing Machine - For Check Internal Cracks



Complete Collection of Sprays - For Internal Cracks



Universal Testing Machine (Model UTN 60 TN) - For Tensile & Proof Loading Check

CERTIFICATES

13. SUSPENSION TUBE ITEMS:

159	Suspension Tube and its assembly components for Hitachi traction motor type HS 15250A	MAJOR	RDSO's STR No. 0018 Rev. 'I'	<ul style="list-style-type: none">M/s Kay Pee Equipments Pvt Ltd, HowrahM/s Kharagpur Metal & Reforming Ind., HowrahMs Indore Nitriders IndoreM/s Simplex Engg. & Foundry Workspvt. Ltd., BhilaiM/s Kalyani Engg. Works, Ghaziabad	K-08 K-14 I-18 S-99 K-47	These firms are provisionally approved and their names will be included as approved vendors only after six (6) no. of prototype clearance by RDSO (i). M/s Bharat Heavy Electricals Ltd./ Bhopal (ii) M/s Triupati Engineering Works Kolkata
	Suspension Tube(casted) 10P.701.898 Bearing Housing 10Q.745.381 End Cover RWE 10Q.745.383 End Cover GWE 10Q.745.385 Enclosure 10Q.745.386 Abutement Piece) 10Q.745.384 (With latest alterations)	MAJOR	CLW's Specn No. 4TMS.095.003 CLW's Specn No. 4TMS.095.004 with latest alteration			
	Adjustment Washer 10Q.745.382	MAJOR	IS:2062 Grade 'B'			
160	Taper Roller Bearing Assly.(GWE) & (RWE)	MAJOR	10R812-077 (RWE) 10R812-078 (GWE)	RDSO controlled item.RDSO approved latest version vendor list to be followed.		
161	TBU Assembly for WAG-7 Class	MAJOR		<ul style="list-style-type: none">SAB WABCOSILKnorr Bremse	S-07 K-20	
162	Bolt for Suspension Tube	MAJOR	4TWD-095-089	<ul style="list-style-type: none">LPSSundaram Fasteners Ltd.GKW LimitedBolt Master India Pvt LtdDeepak Fastners Ltd.	L-15 S-58 G-19 B-48 D-20	
163	Socket Hd. Cap Screw M-10x30 M-12x70 M-12x90	L/0/0003 L/0/0001 L/0/0002 MAJOR	L/0/0001-10T827-633 L/0/0002-10T827-634 L/0/0003-10T827-635	<ul style="list-style-type: none">LPSSundaram Fasteners Ltd.Vardhman Industrial FastenersGKW LimitedBolt Master India Pvt Ltd	L-15 S-58 V-02 G-19 B-48	

182	Standard Hardware (MS)	MAJOR	IS: 1364 IS: 1365 IS: 2232	<ul style="list-style-type: none">L P S/ HaryanaLPS Bossard (P) Ltd.Sundaram Fasteners Ltd. (TVS)Vardhman Industrial FastenersBolt Master India Pvt LtdDeepak Fasteners Ltd.	L-15 L-29 S-58 V-02 B-48 D-20	
183	Non-standard Hardware items like Machined washers, pins, cotters, rivets split-pins, screws etc. (Zonal Rlys sources may also be considered)	MAJOR		<ul style="list-style-type: none">Satya IndustriesNexo Industries (P) LtdVardhman Industrial FastenersTarudeep Enterprises.Associated Manufacturers (I) LtdMonosa Engineering WorksNational Engg. CoB.K. Industries	S-16 N-18 V-02 T-03 A-49 M-14 N-01 B-03	
184	Asbestos & Felt packing	MINOR	IS: 4687 – Asbestos Gr.-1 IS : 1719 – Felt Packing	<ul style="list-style-type: none">Dasgupta & NephewDhar & Co.Sales & ServiceSarweshwar Engg. Corpn.Shreekrishan GopikrisNew Calcutta Gasket Manufacturing Co.Seal Well NeemuchA.M. Saria & Co.	D-03 D-07 S-08 S-15 S-28 N-09 S-18 A-04	
185	Aluminium Sheets & Flats	MINOR	M/s INDAL’s Section No.5505 or equivalent	<ul style="list-style-type: none">Bharat Aluminium Co, LtdHind Alumium Ltd.(Through Surana Metal Ltd)Indian Al. Co. Ltd (Through Century Extrusion)Metal Perforators & Engg Works	B-13 H-16 I-10 M-29	
186	Expanded Metal sheet	MINOR	IS 412 Ref. 36	<ul style="list-style-type: none">Cal. Expanded Metal Mfg.Indian Metal Craft IndsJameson & Magrudar	C-06 I-12 J-07	

CERTIFICATES

82	Standard Hard ware kit (HTM) 5582/014 consist of i) 5522/031 :- 5522/ 078- M6 x 20 5522/068 – M10 x10 ii) 5582/015 :- 5582/ 003 – M24 x 95 5582/004 – M24 x 55 (Hd Ht. 15 mm) 5582/005 – M24 x 55 (Hd Ht. 13 mm) 5560/614 - M20 x 55 iii) 5582/016 :- 5570/209 - M20 x 70 5570/204 – M16 x 45 5560/601 – M12 x 90 5560/605 – M12 x 65 5560/630 – M12 x 50 5560/602 – M12 5528/041 – M18 x 45 5528/042 – M16 x 40 5565/802 – M16 5565/782– M16 x 35 5582/004 – M24 x 55 (Hd Ht. 15 mm) (MINOR)	4TMS. 095.042	<ul style="list-style-type: none">• GKW/Kol.• Lakshmi Precision Screws Ltd. (LPS)/Rohtak• Precision Fasteners Ltd./MB• Sundram Fasteners Ltd. (TVS)/ Chennai• Vardhman Ind Fasteners/Delhi• Deepak Fasteners /Ludhiana• Bolt Master/MB	G-19 L-05 P-18 S-58 V-02 D-20 B-48	Tenderer should furnish distributorship/ dealership certificate of the fastener manufacturer along with their quotation
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	Putty powder F013/101,F170/464 (MINOR)		<ul style="list-style-type: none">• Pacific Chemical/ MB	P-38	
18	Clamping piece lower (al. Alloy) F013/047 (MINOR)	2TWD.133.024, ALT.11	<ul style="list-style-type: none">• Chandra Udyog/ Hwh• Selvoc Engineering Co. P. Ltd. / Kol• Elco Entp./Kol	C-13 S-19 E-32	
19	Locking plate (steel) F013/120 (MINOR)	4TWD.131.019 Alt-4	<ul style="list-style-type: none">• B.K. Industries / Hwh• Indo Mech Corporation/Hwh• C.S. Engrs/Kol• Recoton Engg Corpn. /Hwh• Elmech Engg. Syndicate /Hwh	B-03 I-17 C-01 R-39 E-18	
20	Protection sheet and spring blade F013/121 (MINOR)	4TMS.133.006,ALT.1	<ul style="list-style-type: none">• Continental Engg. Works Pvt. Ltd./ Kol• Navanirman/ Kol• Usha Sheet Metal Woks/Kol	C-24 N-19 U-18	
21	Clamping piece Upper (steel casting machined) F013/046 (MINOR)	2TWD.131.006,ALT.11	<ul style="list-style-type: none">• Chandra Udyog/ Hwh• Kharagpur Metal/ Kgp• Atlana Engg/Hwh• Pioneer Gears/Hwh	C-13 K-32 A-52 P-11	
22	Hardware items F013/129 (MINOR)	4TMS.133.004,ALT.4	<ul style="list-style-type: none">• GKW/Kol• LPS / Rohtak• Precision Fasteners Ltd. / Mumbai• Sundram Fasteners Ltd. (TVS)/Chennai• Vardhman Ind Fasteners /Delhi• Deepak Fasteners Ltd. /Ludhiana• Bolt Master /MB	G-19 L-05 P-18 S-58 V-02 D-20 B-48	-Tenderer should furnish distributor/dealership certificate of the fastener manufacturer along with their quotation.
23	Steel Components F013/117, F170/474 (MINOR)	4TMS.133.003,ALT.7 4TWD.133.003, Alt-5 4TMS.073.007,ALT-3	<ul style="list-style-type: none">• B.K. Industries/ Hwh• Ma Tara Engg. Works/ Kol• Super Prodcuts. / Kol• C.S. Engineers /Kol• Laxmi Enterprise/MB	B-03 M-51 S-60 C-01 L- 25	
24	Hot Moulding Micanite Insulating Frames F170/438 (MINOR)	3TWD.073.024,ALT.11	<ul style="list-style-type: none">• Perfect Insulators/Kol• Power Mica Insulators/ Kol• Fibre Glass Moulders & Fab /Kol	P-37 P-35 F-25	

CERTIFICATES

35	Standard Hardwares for i) CTF ii) J i)F319/966 ii) F320/961 Standard Hardwares for SC & MC F016/268, F156/412 Standard Hardwares for EMC F365/160 Standard Hardwares for C-145 F155/372 Standard Hardwares for MP F154/408 (MINOR)	4TES.111.022 Alt -1 4TES.111.022, ALT-1 4TES.111.022, ALT-1 4TES.111.022 ALT-1 4TES.111.022 ALT-1	<ul style="list-style-type: none">• GKW/Kol• LPS/ Rohtak• Precision Fasteners/ MB• Sundaram Fastner/ Chennai• Vardhman Ind Fasteners /Delhi• Bolt Master Pvt Ltd./Mumbai	G-19 L-05 P-19 S-59 V-02 B-48	
36	Socket hd. Cap Screw M6X20 for CTF & J F157/729 Socket hd. Cap Screw M10x50 for MP F154/098 Socket hd. Cap Screw M8X25 for SC F016/014 Socket hd. Cap Screw M8X50 for MC & C-145 F156/098 & F155/099 Socket hd. Cap Screw M8X30 for SC, MC & C-145 F016/079, F156/034 & F155/316 (MINOR)	IS:2269 (Latest Version) P-12.9 Zinc/cad. plated IS:2269/2006 P-12.9 Zinc/cad. plated IS:2269*2006 P-12.9 Zinc/cad. plated IS:2269*2006 P-12.9 Zinc/cad. plated IS:2269*2006 P-12.9 Zinc/cad. plated IS:2269*2006 P-12.9 Zinc/cad. plated	<ul style="list-style-type: none">• GKW/Kol• LPS/ Rohtak• Precision Fasteners/ MB• Sundaram Fastner/ Chennai• Vardhman Ind Fasteners/Delhi• Bolt Master Pvt Ltd./Mumbai	G-19 L-05 P-19 S-59 V-02 B-48	

56	A) Standard Hardware Kit (FRA) C&D No. 5780/092 (5780/ 085, 5716/059) B) Standard Hardware Kit (FXA) C&D No. 5890/069 (5890/ 062, 5816/049) (MINOR)	2994 1039 2994 5513	4TMS.096.075, Rev 0 Alt-1	<ul style="list-style-type: none">• GKW/Kol• Lakshmi Precision Screw Ltd. (lps) /Rohtak• Precision Fasteners Ltd. /MB• Sundram Fasteners Ltd. (tvs)/ Chennai• Vardhman Ind Fasteners/Delhi• Deepak Fastners Ltd/Ludhiana• Bolt Master/MB	G-19 L-05 P-18 S-58 V-02 D-20 B-48	Authorised distributorship/dealership certification of the ‘OEM’ should be furnished along with the quotation.
57	A) Non Standard Hardware Kit (FRA) C&D No. 5780/089 B) Non Standard Hardware Kit (FXA) C&D No. 5890/066 (MINOR)	2994 1040 2994 5537	4TMS.096.077 Alt-2			These items will be procured through predefined eligibility criteria & respective specifications (if any)
58	A) Thread Insert Kit (FRA) C&D No. 5780/093, (5780/087 & 019) B) Thread Insert Kit (FXA) C&D No. 5890/070, (5890/064 & 018) (MINOR)	2994 1192 2994 5525	4TMS.096.076 Alt 1			Authorised distributor ship/dealership certification of the ‘OEM’ should be furnished along with the quotation. These items will be procured through predefined eligibility criteria & respective specifications (if any)
59	Expanding Dowel Ø10 5730/303 & 5830/104 (MINOR)		4TWD.096.075 ALT-1			Zonal Railways can follow their own sources These items will be procured through predefined eligibility criteria & respective specifications (if any)
60	Non Adhesive Polyimide Flim Tape 2 mil thick x20 mm wide 5716/053 & 5812/208 (MEDIUM)	2972 1064	4TMS.096.029 ALT-3			Approved eligibility criteria is “ Tenders must have supplied minimum 10 loco set of these materials to Indian Railways in the past 05 years”.

CONTACT US



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300F EPIP Sec 53 Industrial area, Kundli, Sonapat, Haryana



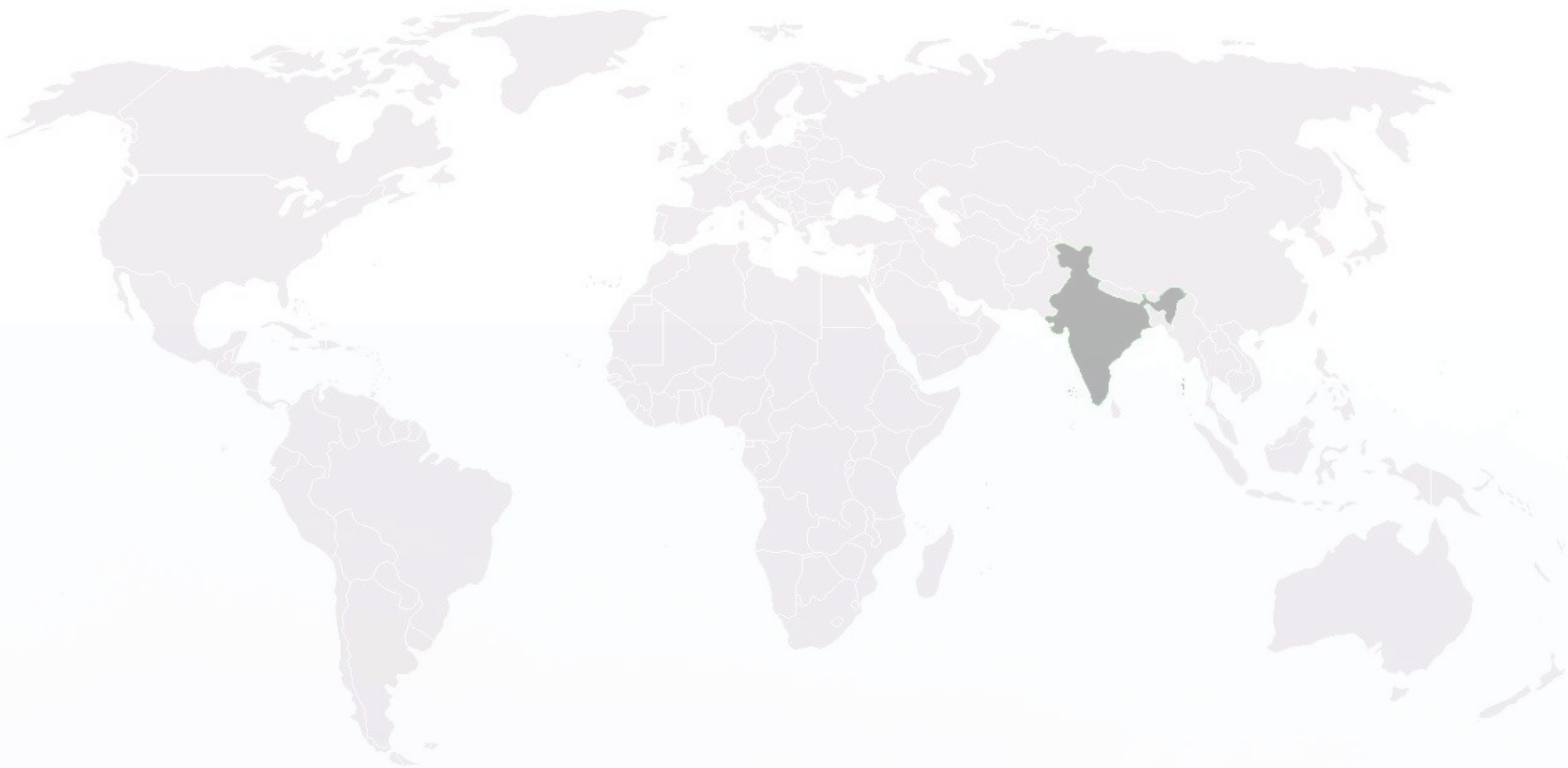
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