

Company Profile





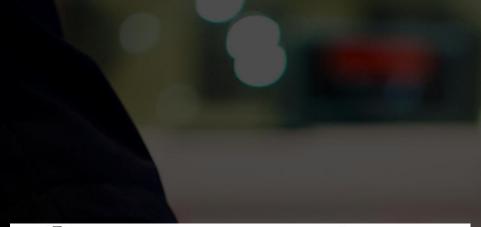


Work : 225/1, Maheshpur, Ind. Estate Lahartara, Varanasi-221 106
 H.O. : 123 A, Ravindrapuri, Varanasi-221 005 (India)

Contact Person-

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Veepee Engineers

Work : 225/1, Maheshpur, Ind. Estate Lahartara, Varanasi-221 106 H.O. : 123 A, Ravindrapuri, Varanasi-221 005 (India)





From a modest start in 1976 the company today sprawls over a constructed area of 40,000.sft of manufacturing & fabrication facilities backed by large number of facility owners, engineers, designers & contractors and is adequately equipped and competent in various fields of design, development & execution. The company is upto date with modern communication facility in Varanasi, Uttar Pradesh, India and also have ISO 9001-2008 accreditation besides having NSIC certification.



Our Services

1.CNC CUTTING

The accuracy of cutting on our CNC machines can reach 0.01 mm, and the dimensions of the cutout elements can be as small as a few millimeters or several meters.

Our CNC machines are capable of not only cutting through materials, but also allow for complex multi-level machining, 3D milling, welding, surfacing, and much more.

2. FABRICATION

With the assistance of our experienced professionals' team, we have been capable of providing best-in-class Stainless Steel Fabrication services in Varanasi to the clients.

Our solutions are provided exactly in consonance with the set industry standards.

3.LASER CUTTING

Laser cutting is a modern and highly efficient way of cutting and processing various materials. It allows you to get high quality products in a short period of time.

laser cutting has not been completely replaced by any other cutting method. Even cutting methods such as plasma, waterjet and milling are inferior in some parameters to laser cutting.



We Manufacture





SPTL CNC FIBER LASER

1.5 KW CAPACITY

- Fine artistic designs
- Smooth finishing
- Quick service





HYPERTHERM CNC PLASMA (50MM 3000 x 6000 MM CAPACITY)

- Thick sheet cutting.
- 50 mm capacity.
- Heavy duty.





SHEAR MACHINE

8mm x 3 Mtr.





BRAKE PRESS

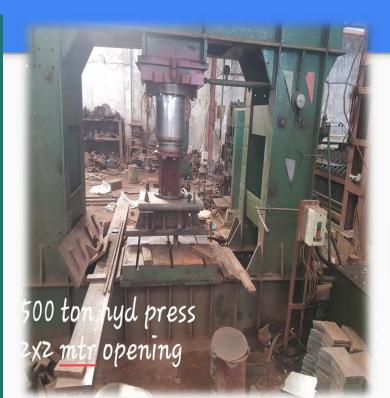
• 8MM X 3MTR.





HYDRAULIC PRESS

. 500 TON







MIG / TIG / SPORT Welding





Unique Visual experience.

POWER PRESS & DO ALL PRESS



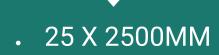








ROLLING MACHINE











CRANE







LARGE STRUCTURE

. 3 X 5 X 7 MTR





Our served Clients













Our served Clients



ReLIANCe Power



Our served Clients

LIST OF CLIENTS USING "VIMPA" PIPE REPAIR PRODUCTS

A. NTPC & THIERMAL BOARDS:

- 1. EPC PARTIES BSBK , MACAWER , UCC , DCIPS , Techpro Ashtech etc
- NTPC/SHAKTINAGAR
- 3. NTPC/ VINDHYANAGAR
- NTPC/RAMAGUNDAM
- 5. NTPC/ KORBA
- 6. NTPC/ UHCHAHAR
- 7. NTPC/KAHALGAON
- 8. APSEB
- 9. DOMODAR VALLEY CORPN/CHANDRAPUR
- 10. UPSEB/OBRA
- 11. UPSEB/ANPARA
- 12. KARNATAKA POWER CORPN. LTD / RAICHUR
- 13. KOTA THERMAL POWER STATION
- 14. MAHARASHTRA STATE ELEC. BOARD/ EKLAHARE
- 15. KOTA THERMAL POWER STATION RAJASTHAN
- 16. BIHAR STATE ELEC. BOARD

B. REFINERY , NATURAL GAS & PETROCHEMICALS:

- 1. BONGAIGAON REFINERY & PETROCHEMICALS LTD.
- 2. ONGC
- 3. BHARAT PETROLEUM LTD.
- 4. GAIL / BARODA
- C. OFF SHORE DRILLING:
 - 1. JINDAL DRILLING & INDUSTRIES LTD.
 - 2. ONGC
 - 3. GAIL OFFSHORE SERVICES

D.	PROCESS,	CHEMICALS,	FERTILIZERS,	SOAP:
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- 1. RELIANCE INDUSTRIES LTD.
- 2. INDO GULF FERTILIZERS & CHEM. LTD/ JAGDISHPUR
- 3. ORISSA SYNTHIETIC LTD.
- 4. TRANSTECH TURNKEY (P) LTD.
- 5. SHRIRAM FERTILIZERS & CHEMICALS LTD.
- 6. GUJRAT ALKALI & CHEMICAL LTD.
- 7. NOCIL LTD/ BOMBAY

E. STEEL PLANTS :

- 1. SAIL / BOKARO STEEL PLANT
- 2. SAIL / DUGRAPUR
- 3. SAIL / BHILAI
- 4. SAIL / ROURKELA
- F. PAPER & CEMENT:
 - 1. MANDHYA NATIONAL PAPER MILL LTD / MYSORE
 - HPC
 - 3. ORISSA CEMENT LTD.
 - 4. L/T AWARPUR
- G. PHED/ SEWAGE BOARDS:
 - 1. GEO MILLER AND CO. PVT. LTD.
 - 2. STATE SEWAGE BOARDS
- H. HEAVY ENGG. INDUSTRIES :
 - 1. GEC / NAINI
 - 2. CIMMCO INTERNATIONAL
 - 3. TAXMACO LTD.

Vimpa DISMANTUNG JOINTS

Vimpo Dismantling Joint is a double flanged fitting that allows longitudinal adjustments in flanged pipe systems. It has been developed to provide greater flexibility at both the planning and installation stages of flanged pipework systems and for subsequent maintenance.

TYPICAL APPLICATIONS:

Vimpa Dismantling Joint is particularly suitable for simplifying the installation and removal of :

- O Isolation valves
- O Non return valves
- O Flow metering equipment
- O Pump sets
- O Pressure reducing valves Flanged pipe and fittings
 - Typical Dismantling Joint applications include,: Pumping stations, water treatment works, sewage treatment works, plant rooms, meter chambers, power generation equipment and gas distribution stations.

FEATURES & BENEFITS

- O Permits Longitudinal adjustment up to 50mm.
- O Fast & simple maintenance of valves pumps etc.
- O Future modification of pipework can be done easily
- O Reduced down time.
- O High tensile tie-bars fewer flange bolts required.

Range : DN40-DN2000

INSTALLATION

Assembly is fast & possible with the aid of spanner & torque - wrench. Gasket of DMJ is compressed independently of tie-bars.

QUALITY

All DMJ are manufactured under quality management system to ISO 9001:2000.

CORROSION AND PROTECTION

Standard protection by epoxy Painting. Should you require Fusion bonded Epoxy/Rilsan powder coating, it is available at extra cost. Offer on request. Tie rods are supplied with Zn-plating or epoxy painted at our option.

WORKING PRESSURE

All Vimpa Dismantling Joints are fully end load resistant and have a pressure rating equal to that of the flange.

FULL FACE FLANGE

For applications where a full face flange is required i.e. water and butterfly valves, the flange of the spigot piece provides a full flange sealing area.

PRODUCT QUALITY

Dismantling Joints are designed and manufactured under a quality management system and have been tested by Vimpa comprehensive in house research facilities to the most exacting performance requirements of WRc Water Bye-laws scheme (WBS). As with all Vimpa products, Dismantling Joint are designed to outlast the pipes on which they are fitted.

GASKETS

Dismantling Joints are fitted with grade E (EPDM) water quality gaskets as standard. For other applications or alternatives, please ask for details.

MATERIAL SPECIFICATION

DMJ Flange	ed Fittings & Compression Fla	ange :	
		B.S. Specification	B.I.S. Specification
	SG Ductile Iron	BS EN 1563:1997	IS 1865:2000
	or Malleable Cast Iron	BS EN 1562	IS 14329:2000
	or Fabricated from steel	BS EN 10025:1993 Grade S275	IS 2062:2004
	or Grey Cast Iron		IS 210:1999
Gaskets:	food applications	o BS EN 681-1:1996 suitable for water, sewa 5' to BS:2494:1990 Grade G suitable for natu r, sewage & drainage.	
Stud:	Steel fastener to Grade 6.8 (S	S available on request)	

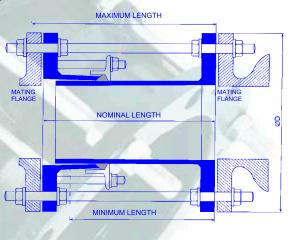






DISMANTUNG JOINTS





	-							
Nominal	Flange	Nominal	Minimum	Maximum	~ 5	Number of	Dia x length	Weight
bore	drilling	length	length	length	ØD	tie bars	of tie bars	appx. (kg.)
DN 40	PN 10/16	194 mm	174 mm	214 mm	I 50mm	4	M16x300mm	9.7
. DN 50	PN 10/16	185 mm	165mm	205 mm	185mm	4	MI6x300mm	8.3
DN 65	PN 10/16	185 mm	165 mm	205 mm	185 mm	4	MI6x300mm	9.3
DN 80	PN 10/16	185mm	165 mm	205 mm	210 mm	4	MI6x300mm	10.8
DN 100	PN 10/16	185 mm	165 mm	205 mm	230 mm	4	MI6x300mm	12.1
DN 125	PN 10-16	185mm	165 mm	205 mm	285 mm	4	MI6x300mm	14.5
DN 150	PN 10/16	188 mm	168 mm	208 mm	285 mm	4	M20x310mm	21.0
DN 175	PN 10/16	194mm	174 mm	214 mm	315 mm	4	M20x340mm	29.2
DN 200	PN 10	188 mm	168 mm	208 mm	340 mm	4	M20x310mm	26.9
DN 200	PN16	188mm	168mm	208 mm	340 mm	4	M20x310mm	27.4
DN 250	PN 10	188 mm	168 mm	208 mm	406 mm	4	M20x310mm	33.8
DN 250	PN 16	191 mm	171 mm	211 mm	405 mm	4	M24x330mm	39.9
DN 300	PN 10	188 mm	168 mm	208 mm	445 mm	4	M20x310mm	39.1
DN 300	PN 16	191 mm	171mm	211 mm	460 mm	4	M24x330mm	46.8
DN 350	PN 10	302 mm	277 mm	327 mm	505 mm	4	M20x440mm	67.7
DN 350	PN 16	302 mm	277 mm	327 mm	520mm	4	M24x460mm	73.7
DN 400	PN 10	302 mm	277 mm	327 mm	565 mm	4	M24x460mm	80.3
DN 400	PN16	302 mm	277 mm	327 mm	580 mm	4	M27x490mm	87.5
DN 450	PN 10	302 mm	277 mm	327 mm	615 mm	5	M24x460mm	89.5
DN 450	PN 16	302 mm	277 mm	327 mm	640 mm	5	M27x490mm	102.0
DN 500	PN 10	302 mm	277 mm	327 mm	670 mm	5	M24x460mm	100.0
DN 500	PN 16	302 mm	277 mm	327 mm	715mm	5	M30x500mm	123.0
DN 600	PN 10	302 mm	277 mm	327 mm	780 mm	5	M27x490mm	124.0
DN 600	PN 16	302 mm	277 mm	327 mm	840mm	5	M33x515mm	159.0
DN 700	PN 10	302 mm	277 mm	327 mm	895 mm	6	M27x490mm	151.0
DN 700	PN 16	302 mm	277 mm	327 mm	910 mm	6	M33x540mm	167.0
DN 800	PN 10	302 mm	277 rnm	327 mm	1015 mm	6	M30x500mm	184.0
DN 800	PN 16	302 mm	277 mm	327 mm	1025 mm	6	M36x545mm	199.0
DN 900	PN 10	302 mm	277 mm	327 mm	III5 mm	7	M30x530mm	205.0
DN 900	PN 16	302mm	277 mm	327 mm	1125 mm	7	M36x570mm	223.0
DN 1000	PN10	307 mm	277 mm	337 mm	1230 mm	7	M33x540mm	271.0
DN 1000	PN 16	307 mm	277 mm	337 mm	1255 mm	7	M39x600mm	300.0
DN 1200	PN 10	320 mm	290 mm	350 mm	1455 mm	8	M36x570mm	448.0
DN 1200	PN 16	320 mm	290 mm	350 mm	1485 mm	8	M45x630mm	508.0
DN 1400	PN 10	320 mm	290 mm	350 mm	1675 mm	9	M39x600mm	547.0
DN 1400	PN 16	320 mm	290 mm	350 mm	1685 mm	9	M45x665mm	602.0
DN 1600	PN 10	462 mm	412 mm	512 mm	1915 nim	10	M45x795mm	1103.0
DN 1600	PN 16	462 mm	412 mm	512 mm	1930 mm	10	M52x870mm	1188.0
DN 1800	PN 10	462 mm	412 mm	512mm	2115 mm	11	M45x795mm	1176.0
DN 1800	PN 16	462 mm	412mm	512mm	2130 mm	11	M52x900mm	1363.0
DN 2000	PN 10	462 mm	412 mm	512 mm	2325 mm	12	M45x820mm	1351.0
DN 2000	PN 16	462 mm	412 mm	512 mm	2345 mm	12	M56x960mm	1594.0
DN 2000	PN 16	462 mm	412 mm	512 mm	2345 mm	12	M56x960mm	1594.0



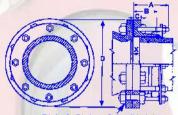
Veepee Engineers

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H.O :- 123-A ravindrapuri Varanasi-221101 Work :- 225/1 Maheshpur Industrial Estate Varanasi-221106

Vimpa

FLANGE ADAPTORS



E holes for F bolts on G dia, pltch circle

for STEEL and IMPERIAL uPVC PIPE Flanges Drilled to NP10 & Np16 44.5mm (1.75") to 2020mm (79.528") O.D.

Flange Adaptors for CI, DI, AC & other odd size pipes also available.

PIPE DIMENSIONS

ADAPTOR DIMENSIONS & DETAILS

			Nom						E. H	OLES	F. BO		STUE	S	
Nom. Bore	Pipe	0.D.	Flange Size	Table NP	A	в	с	D	No.	Dia.	Dia.	g PCD	No. Off	Dia x Length	Approx weight
mm	mm	in	mm		mm	mm	mm	mm		mm	in	mm		in	kg
32	44.5	1.750	32	10, <mark>16</mark>	108	73	25	140	4	19	6	100,100	2	0.5x3.75	3.25
40	48.3	1.906	40	10,16	108	73	25	150	4	19	16	110,110	2	0.5x3.75	3.6
40	57	2.250	50	10,16	116	75	16	165	4	18	16	4.5, 27	2	0.5x4.25	2.96
50	60.3	2.375	50	10,16	116	75	16	165	4	18	16	4.5, <mark> 27</mark>	2	0.5x4.25	2.96
65	73	2.875	65	10, <mark>16</mark>	108	73	25	185	4	19	16	4 5, <mark> 45</mark>	2	0.5x3.75	5.3
65	76.1	3.000	65	10,16	116	75	16	185	4	18	16	135,146	2	0.5x4.25	3.34
80	88.9	3.500	80	10,16	116	75	16	200	B	18	16	4 5, <mark> 65</mark>	4	0.5x4.25	4.32
90	101.6	4.000	90	10,16	108	73	25	210	B	19	16	170, <mark>170</mark>	4	0.5x3.75	6. 4
100	108	4.250	100	10,16	116	75	16	229	8	18	16	178,190.5	4	0.5x4.25	5.53
100	114.3	4.500	100	10, <mark>16</mark>	116	75	16	22 9	8	18	6	78, <mark> 90.5</mark>	4	0.5x4.25	4.93
100	127	5.000	100	10,1 <mark>6</mark>	108	73	25	220	8	19	16	180,180	4	0.5x3.75	6.7
125	139.7	5.500	125	10, <mark>16</mark>	116	75	16	254	B	18	16	210, <mark>210</mark>	4	0.5x4.25	6.63
125	141.3	5.563	125	10,16	116	75	16	25 4	B	18	16	210,210	4	0.5x4.25	6.63
150	165.1	6.500	150	10,16	116	75	19	285	в	22	20	235, <mark>241.5</mark>	4	0.5x4.25	8.4
200	219.1	8.625	200	10	116	75	19	343	8	22	20	303	4	0.5x4.25	11.68
200	219.1	8.625	200	16	116	75	19	340	12	22	20	295	6	0.5x4.25	12.93
250	273	10.750	250	10	129	90	19	406	12	22	20	350,355.5	6	0.5x4.75	16.02
300	323.9	12.750	300	16	129	90	22	460	12	28	24	406,410	6	0.5x4.75	21.44
350	355.6	14.000	350	10	140	97	25	505	16	23	20	460	8	0.5x5.00	27.9
350	355.6	14.000	350	6	140	97	25	520	16	28	24	470	8	0.5×5.00	29.6
400	406.4	16.000	400	10	140	97	25	565	16	28	24	515	8	0.5x5.00	32.3
400	406.4	16.000	400	6	140	97	25	580	16	31	27	525	8	0.5x5.00	34.5
450	457	18.000	450	10	140	97	25	615	20	28	24	565	10	0.5x5.00	35.6
450	457	18.000	450	16	140	97	25	640	20	31	27	585	10	0.5x5.00	39.8
500	508	20.000	500	10	140	97	25	670	20	28	24	620	10	0.5×5.00	40.0
500	508	20.00	500	16	140	97	25	715	20	34	30	650	10	0.5x5.00	48 .4
550	559	22.000	550	10	140	97	25	730	20	31	27	675	10	0.5×5.00	45.1
550	559	22.000	550	16	140	97	25	775	20	34	30	710	10	0.5x5.00	54.9
600	610	24.000	600	10	140	97	25	780	20	31	27	725	10	0.5x5.00	48.6
600	610	24.000	600	16	140	97	25	840	20	37	33	770	10	0.5x5.00	62.3





PIPE DIMENSIONS

ADAPTOR DIMENSIONS & DETAILS

				Nom						E, H	OLES	F. BO	LTS	STUE	os	
1	Nom. Bore	Pipe	O.D.	Flange Size	Table NP	A	в	с	D	No.	Dia.	Dia.	G PCD	No. Off	Dia x Length	Approx weight
	mm	mm	in	mm		mm	mm	mm	mm		mm	in	mm		in	kg
	650	660	26.000	650	10	140	97	25	835	24	31	27	780	12	0.5x5.00	53.3
	650	660	26.000	650	16	140	97	25	B60	24	37	33	790	12	0.5x5.00	58.3
	700	71	28.000	700	10	140	97	25	895	24	31	27	840	12	0.5x5.00	59.6
	700	71	28.000	700	16	140	97	25	910	24	37	33	840	12	0.5x5.00	62.3
	750	762	30.000	750	10	140	97	25	965	24	34	30	900	12	0.5×5.00	68.5
	750	762	30.000	750	16	140	97	25	970	24	37	33	900	12	0.5x5.00	69.2
	800	813	32.000	800	10	140	97	25	1015	24	34	30	950	12	0.5×5.00	72.5
	800	813	32.000	800	16	140	97	25	1025	24	40	36	950	12	0.5x5.00	74.0
	900	914	36.000	900	10	140	97	25	1115	28	34	30	1050	4	0.5x5.00	80.2
	900	914	36.000	900	16	140	97	25	1125	28	40	36	1050	14	0.5×5.00	81.7
	1000	1016	40.000	1000	10	155	112	25	1230	28	37	33	1160	14	0.625x5.75	113.1
3	1000	1016	40.000	1000	16	155	1112	25	1255	28	43	39	1170	14	0.625×5.75	120.6
	1100	1118	44 .000	1100	10	155	112	25	1 340	32	37	33	1270	16	0.625x5.75	126.9
	1100	1118	44.000	1100	16	155	112	25	1355	32	43	39	1270	16	0.625×5.75	130.7
	1200	1219	48.000	1200	10	175	125	38	1455	32	40	36	1380	16	0.625x6.00	202.3
	1200	1219	48.000	1200	16	175	125	38	1485	32	49	45	1390	16	0.625×6.00	216.8
	1400	1420	55.906	1400	10	175	125	38	1675	36	43	39	1590	18	0.625x6.00	246.1
	1400	1420	55.90 <mark>6</mark>	1400	16	175	125	38	1685	36	49	45	1590	18	0.625x6.00	249.3
	1600	1620	63.780	1600	10	273	185	60	1915	40	49	45	1820	40	0.625x9.00	506.7
	1600	1620	63.780	1600	16	273	185	60	1930	40	56	52	1820	40	0.625x9.00	517.1
	1800	1820	71.654	1800	10	273	185	60	2115	44	49	45	2020	4 4	0.625×9.00	565.4
	1800	1820	71.65 <mark>4</mark>	1800	16	273	185	60	2 30	44	56	52	2020	44	0.625x9.00	576.9
	2000	2020	79.528	2000	10	273	185	60	2325	48	49	45	2230	48	0.625x9.00	641.2
	2000	2020	79.528	2000	16	273	185	60	2345	48	62	56	2230	48	0.625×9.00	650.1

MATERIAL SPECIFICATION

Flange ada	ptor body, compression flang	e and sleeve	
		B.S. Specification	B.I.S. Specification
	SG Ductile Iron	BS EN 1563:1997	IS 1865:2000
	or Malleable Cast Iron	BS EN 1562	IS 14329:2000
	or Fabricated from steel	BS EN 10025:1993 Grade S275	IS 2062:2004
Gaskets:	EPDM Compound Grade 'E' t food applications	o BS EN 681-1:1996 suitable for water, sewa	ige, many strong oxidizing chemicals &
	or Nitrile compound Grade ' aromatic fuels, compressed ai	G' to BS:2494:1990 Grade G suitable for nati r, sewage & drainage.	ural gas, petroleum products. Low

Stud & Nuts: Steel fastener to Grade 6.8 (SS available on request)

VEEPEE ENGINEERS

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VIMPA GROOVED END COUPLING

Style 75 is available where moderate pressures are expected or weight considerations as a factor. Upto 50% lighter in weight than the Style 77, the Style 75 coupling is recommended for lower working pressure.



Dimensions for Grooved Coupling Style 75

Pipe Siz	e	Ove	rall dimensio	xrss	the second	Joint particulars				
Nominal Bore	OD	X	Y	Z	Bolt	Street, State State Street, St	Test			
Inch	mm	mm	mm	mm	Dia mm & Inch	Length	Pressure Mpa			
1.	33.4	105	61	45.0	10	50	3.5			
1.1/4*	42.2	114	68	45.0	10	50	3.5			
1 1/2"	48.3	117	78	46.0	10	50	3.5			
2"	60.3	128	89	47.0	10	50	3.5			
2 1/2"	73.0	150	104	47.0	10	50	3.5			
2 1/2"	76.1	150	104	49.0	10	50	3.5			
3.	88.9	166	118	49.0	1/2=	62	3.5			
4"	114.3	202	144	53.0	1/2"	62	3.5			
5"	141.3	255	178	53.0	5/8"	83	3.1			
6"	168.3	276	204	53.0	5/8"	83	3.1			
8"	219.1	355	263	57.0	5/8"	108	3.1			
10"	273.0	406	330	63.0	3/4"	127	3.1			
12"	323.9	449	385	64.0	- P	152	3.1			



The standard of the line, style 77 is available in a broad range of IPS sizes for vaned services. The housing has ribbed construction to provide maximum strength without unnecessary weight. The coupling is capable of withstanding high pressure



Dimensions for Grooved Coupling Style 77

Pipe Siz	e	Ove	rall dimensio	ns	100 B	Joint parti	iculars
Nominal Bore	OD	X	Y	Z	Bolt	LS .	Test
Inch	mm	mm	mm	mm	Dia mm & Inch	Length	Pressure Mpa
1/2*	21.7	89	50	45	10	50	6.8
3/4"	26.7	96	55	45	10	50	6.8
1*	33.4	98	63	46	10	50	6.8
1.1/4*	42.2	112	72	47	1/2*	62	6.8
1 1/2*	48.3	120	80	47	1/2*	62	6.8
2*	60.3	143	95	47	1/2*	62	6.8
2 1/2*	73.0	149	109	47	1/2*	62	6.8
2 1/2*	76.1	164	113	48	1/2*	62	6.8
3*	88.9	170	131	48	1/2*	62	6.8
4	114.3	214	156	52	5/8*	83	6.8
5*	141.3	255	195	52	5/8*	83	6.8
6"	168.3	290	219	52	5/8"	108	6.8
8"	219.1	370	276	62	3/4*	127	5.4
10"	273.0	432	340	65	1"	152	5.4
12*	323.9	490	390	65	1.	152	5.4
14*	355.6	530	420	76	1.	165	2.0
16" **	406.4	570	485	76	17	95	2.0
18" **	457.0	602	540	79	1.	95	2.0
20" **	508.0	688	597	79	27	108	2.0
22* **	559.0	740	650	79	27	108	2.0
24" **	610.0	795	700	79	27	108	2.0

** Couplings are in 4 Section

VEEPEE ENGINEERS

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Vimpa PE' COUPUNGS

- Vimpa PE Coupling is mechanical pipe Coupling meant for plain end pipes. It comprises two fianges (MCI/DI) one central sleeves (M.S) two wedge section Rubber Rings one set of single spanner Zn-plated Bolt & Nut.
- O Tightening of the bolts draws the flanges together compressing the sealing rings in gap between the sleeve and end flanges on to the pipe thus effecting a leak tight joint.
- O Rubber Sealing Rings are available in Nitrile, EPDM, Viton, Silicon. They are available in quick fit (upto DN 300) and un-fit versions.

for STEEL and IMPERIAL uPVC PIPE 38mm to 2020mm O.D.

PIPE DIMENSIONS

COUPLING DIMENSIONS & DETAILS

Coupling for CI, DI, AC & other odd size pipes also available.

		Tolerance				SLEEVE	PLUGS	E	BOLTS	Max.	
Norm Bore	Pipe O. D.	on O.D. for Distance L	L	А	в	D x Average Thickness	No. Off	No. Off	Dia x Length	Test Pressure	Approx Weight
mm	mm In	mm	mm	mm	mm	mm			in	bar	kg
	38	+ 0.8								A COURT	
32	1.500	- 0.4	100	111	152	80x5.5	1	2	0.5x5.50	70	1.50
	44.5	+ 0.8								20	
32	1.750	- 0.4	100	120	152	80x5.5	1	2	0.5x5.50	70	1.50
	48.3	+ 0.8									
40	1.906	- 0.4	100	122	152	80x5.5	1	2	0.5x5.50	70	1.90
	60.3		100	100	150						
50	2.375	± 0.8	100	136	152	80x5.5	1	2	0.5x5.50	70	2.20
05	73		100	450	470	100.00		~	0 5 5 75	70	0.00
65	2.875	± 0.8	100	152	170	100x6.0	1	2	0.5x5.75	70	2.80
65	76.1 3.000	± 0.8	100	152	170	100x6.0	1	2	0.5x5.75	70	2.80
00	88.9	10.0	100	102	110	100,0.0		-	0.000.10	10	2.00
80	3.500	± 0.8	100	163	170	100x6.0	1	3	0.5x6.25	70	4.00
	101.6		100			TOUNDIO			010/10/120		nee
90	4.000	± 0.8	100	176	170	100x6.0	1	4	0.5x6.25	70	5.20
	108										
100	4.250	± 0.8	100	187	170	100x6.0	1	4	0.5x6.25	70	5.30
	114.3										
100	4.500	± 0.8	100	195	170	100x6.0	1	4	0.5x6.25	70	5.50
	127										
100	5.000	± 0.8	100	204	170	100x6.0	1	4	0.5x6.25	70	5.90
	139.7	+ 1.6									
125	5.500	- 0.8	100	226	170	100x6.6	1	4	0.5x6.25	65	6.50
	141.3	+ 1.6									
125	5.563	- 0.8	100	226	170	100x6.6	1	4	0.5x6:25	65	6.50
	152.4	+ 1.6							10177 Tell 1025 Antonio		
150	6.600	- 0.8	100	237	170	100x6.6	1	4	0.5x6.25	60	7.80
•	165.1	+ 1.6									
150	6.500	- 0.8	100	251	1Z0	100x6.6	1	4	0.5x6.25	55	8.00
2000	168.3	+ 1.6	101210		270122						
150	6.625	- 0.8	100	255	170	100x6.6	1	4	0.5x6.25	55	8.00



'PE' COUPLINGS



	PIP		SIONS			С	OUPLING D	IMENSIC	ONS & [DETAILS		
-	74		Tolerance				SLEEVE	PLUGS	E	BOLTS	Max.	21
	Norm Bore	Pipe O. D.	on O.D. for Distance L	L	А	в	D x Average Thickness	No. Off	No. Off	Dia x Length	Test Pressure	Approx Weight
		mm		1000	227			1000		2 in the congrit		
	mm	In	mm	mm	mm	mm	mm			in	bar	kg
		219.1	+ 1.6									
-	200	8.625 244.5	- 0.8 + 1.6	100	310	170	100x6.6	1	5	0.5x6.25	50	8.00
-	225	9.625	- 0.8	100	332	170	100x6.6	2	6	0.5x6.25	50	14.00
		273	+ 1.6									
	250	10.750	- 0.8	100	362	170	100x6.6	2	6	0.5x6.25	50	16.10
Ľ	300	323.9 12.750	+ 1.6 - 0.8	100	414	170	100x7.0	2	6	0.5x6.25	45	19.0
	000	355.6	± 1.6	100		110	TOORT.O	-		0.000.20		10.0
	350	14.000		125	443	227	150x7.7	2	6	0.5x6.50	35	24.0
		406.4	± 1.6									
-	400	16.000		125	494	227	150x8.5	2	6	0.5x8.50	35	30.0
	450	457 18.000	± 1.6	125	545	227	150x8.5	3	8	0.5x8.50	35	38.0
-	400	508	± 1.6	120	040	221	100,0.0	J		0.000.00	00	00.0
	500	20.000		125	595	227	150x8.5	3	10	0.5x8.50	35	43.0
		559	± 1.6									
_	550	22.000		125	646	227	150x9.0	3	10	0.5x8.50	35	50.0
	600	610 24.000	± 1.6	125	697	227	150x9.0	3	10	0.5x8.50	35	55.0
-	000	660	± 1.6	125	097	221	130,8.0	5	10	0.540.50	33	55.0
	650	26.000		125	748	227	150x9.0	3	12	0.5x8.50	35	58.0
		711	± 1.6					18.2		1		
	700	28.000		125	799	227	150x9.0	3	12	0.5x8.50	30	63.0
	750	762 30.000	± 1.6	125	849	227	150x9.0	3	12	0.5x8.50	30	66.0
	750	813	± 1.6	125	049	221	130,8.0	3	12	0.570.50	30	00.0
	800	32.000		125	900	227	150x9.0	3	14	0.5x8.50	25	76.0
		864	± 1.6									
	850	34.000		125	951	227	150x9.0	3	14	0.5x8.50	25	83.0
	900	914 36.000	± 1.6	125	1002	227	150x9.0	3	14	0.5x8.50	25	90.0
	500	1016	± 1.6	120	1002		100/0.0	J	17	0.070.00	20	50.0
	1000	40.000		150	1125	260	178x9.0	3	14	0.625x9.75	25	105
		1067	± 1.6		1.42 March 1.42	12000						1000 - 0000000
	1050	42.000	140	150	1176	260	178x9.0	3	14	0.625x9.75	25	110
	1100	1118 44.000	± 1.6	150	1227	260	178x9.0	3	14	0.625x9.75	25	115
	1100	1219	± 1.6	100	1221	200	110,0.0	Ū		0.020/0.10	20	113
	1200	48.000		150	1344	280	178x11.1	3	16	0.625x10.50	25	150
		1420	+ 1.6									1000
-	1400	55.906	- 3.2	150	1545	280	178x11.1	3	20	0.625x10.50	25	180
	1800	1820 71.654	± 3.2	150	1945	280	178x11.1	3	28	0.625x10.50	25	230
		2020	10.2	.00	TO:TO	200		-	-0	0.020/10.00	20	200
	2000	79.528	± 3.2	200	2154	413	254x14.3	3	26	0.625x15.75	25	430

VEEPEE ENGINEERS

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VINDO FLANGE ADAPTOR, AND DISMANTLING JOINT



VINDE <u>EXPANSION JOINTS</u>



Type 1 is a single-end expansion joint permitting up to 10" of concentrated pipe movement. Standard packing for all types consists of alternate layers of resilient sealing rings and jute lubricating rings. Other packing for special service conditions can be



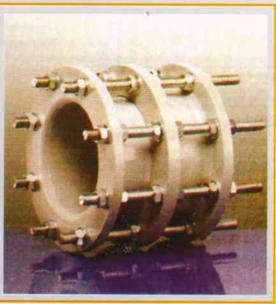
Type 3 is a single-end expansion joint equipped with a limited movement feature to limit the maximum amount of pipe withdrawal. Slip pipes are regularly furnished for Type 3 and Type 4 expansion joints.



Type 2 is a double-end expansion joint. Standard construction permits a total of 8" movement (4" at each end) if the body is anchored. If it is not anchored, a maximum of 4" can be absorbed.



Type 4 is a double-end, limited movement expansion joint. A stop is welded on the slip pipe and the regular bolts extended through the stop ring. Stop nuts behind the stop ring are then set to prevent pipe movement beyond a predetermined point.

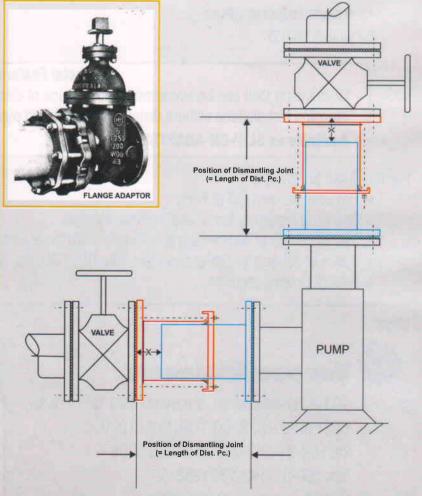


PROBLEM:

Installation and dis-assembly of valves or pumps normally creates stresses on the system. Taking out valve or pump for maintenance calls for stoppage of the plant and the whole operation is quite cumbersome time taking and laborious, resulting in avoidable down time and loss of production. **SOLUTION :**

To eliminate occurrence of such events, "VIMPA" Flanged Adapters / Dismantling joints are designed to provide better flexibility at both the planning and work systems. These offer ideal solution for Design Engineers as it:-

Cont. Overleaf



Typical Installation of Dismantling Joint

- + Eliminates the locked up stresses of pipework of Conventional flanged pipelines.
- + Eliminates / absorbs the ensuing Vibrations from pump from being carried over to piping thus giving a long
- + lease of life to the installation.
- + Simplifies future pipe work modifications and reduces down time.
- + Allows fast and simple maintenance of valves, pumps etc. due to its inherent adjustability.
- + Is available as a complete package-simplifying procurement.
- Eliminates the need for more complex anchoring systems.
- * Extend the lifetime of your valve or pump.
- * Construction needs minimum space.
- * No welding required.
- + Available with special coatings, on demand.
- + No costly repairs due to pipework stresses.

These Dismantling joints are particularly suitable for simplifying the installations of :-

- Isolation Valves
- Non return Valves
- Flow metering equipment
- + Pump sets
- + Pressure reducing valves
- Flanged fittings

Special Features:-

- Dismantling joint can be accommodated in place of distance piece in your existing pumping installations without disturbing the existing pipework.
- ✓ Available as SLIP-ON-ADAPTOR also

For purchase ordering :-

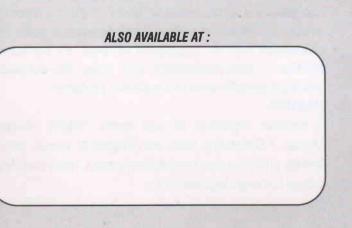
- * The pipe size and OD of Pipe.
- * Operating pressure, temp. and medium handled.
- + Overall Length of dismantling joint/length of distance piece.
- * Specs of flanges for pump and valve (like OD, PCD, No. & size of holes).
- * Type of Coating required.

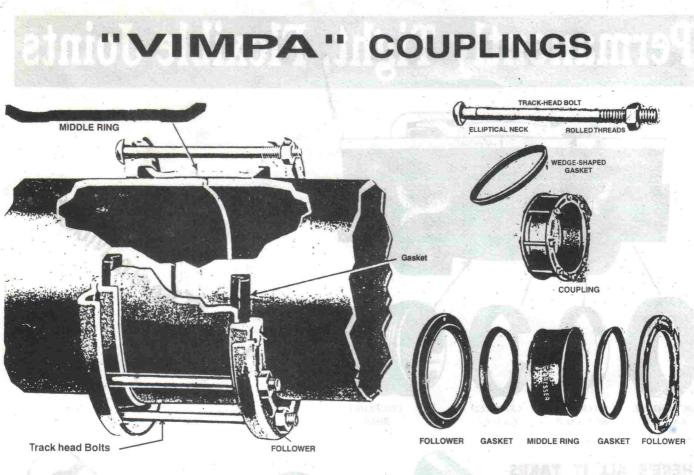
Mfgr:



Veepee Engineers

123-A Ravinddrapuri, Varanasi - 221 005 (INDIA) Cell : 00-91-9336902039, 9918102039 Tel : 00-91-542-2373390, 2373394 Fax : 00-91-542-2371258 Website : veepeeengineers.com . e-mail : veepeeengr@yahoo.com





Cross Section

Components

Fitting instruction

1) Clean each pipe-end over a distance of 150 to 200 mm back from the end. Be sure to remove oil, dirt, loose scale and rust.

Slip follower rings over pipe-ends and slide them back over cleaned area. Wipe gaskets clean and immerse in soapy water, glycerine may be added in freezing weather, and slide them over pipe-ends.

2) Clean coupling middlering, paying particular attention to flares on ends where gaskets will seat. Then slip middlering over one pipe-end until centered.

3) Stab end of pipe to be joined into middlering, leaving a gap of 13 mm between pipe-ends, to allow for movement occurences, and to relieve the stresses of thermal movements.

NB: When a removable locating plug is used, the gap should be increased by the plug thickness.

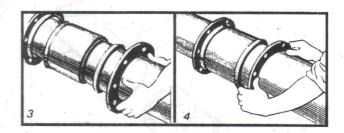
4) Slide gaskets and followers into place, making sure gaskets are pushed under middlering flare all the way round.

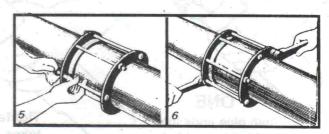
5) Insert bolts. Where a two-man gang is employed for tightening up, it will be found easier if every other bolt is installed with nuts facing opposite directions.

6) Tightening of bolts should be done progressively, drawing up bolts on opposite sides a little at a time. Retighten until all bolts have a uniform required torque.

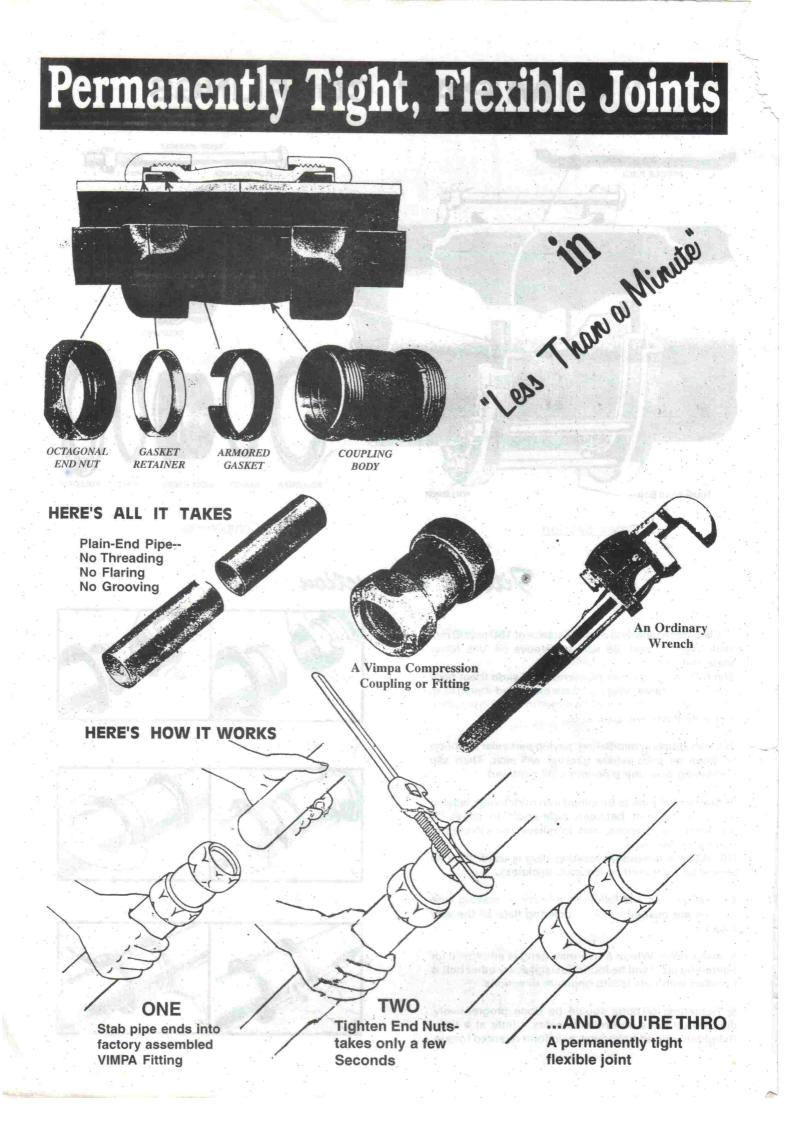








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Size Range : 15-2000 mm

Flange Adopter &

Dismantling Joints

Size Range : 80-1000 mm NB

Repair Clamp

Size Range : 15-400 mm

Repair Sleeve

Size Range : 50-600 mm



Couplings for Internal Plumbing Size Range : 15-100 mm NB

Expansion Joint

Size Range : 80-1000 mm

Locking Coupling

Size Range : 15-2000 mm

Flange Adaptor

Size Range : 15-2000 mm



FOR FASTER ECONOMICAL, FLEXIBLE AND PERMANENT JOINING AND REPAIRING OF PIPES

Vimpo Pipeline Products for every application Pipeline Products for every application Seeves Commession Films Renail Seeves Commession Films File for the file Pipeline Seeves Commession Films Frankel Dismailing of the Pipeline Pipeline File for the formation of the file for the Steenes Couplings Son Fillings Repair Steves August



SHIP COUPLING ON ONE PIPE END



SLIP OTHER PIPE END INTO COUPLING





ON SMALL PUMPS

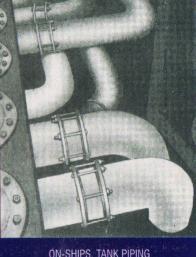


IN CHEMICAL INDUSTRY, IN-PLANT PIPNG

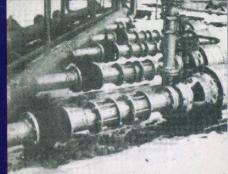








ON LARGE PUMPS CRUDE OIL & SLURRY PUMPS





TIGHTEN NUTS

the second se specially compounded gaskets to make a permanent, flexible pressure tight seal within seconds. Their unique flexibility permits:-

- Pressure up to 1500 psi. (105kg/cm²) and temperature upto 120°C and above.
- Parts conform to BS, ASTM and ANSI specs.
- Deflection up to 6° on individual section.
- Offset of pipe ends by 1/8".
- Variation of 1/4" on outside diameter of pipes to be joined.
- Problems of settlement.
- Vibrations.
- Expansion and contraction

Of particular advantage is the built-in flexibility of (vinter) Couplings, in long sleeves, which make them ideal as general utility connections.

STEEL COUPLING FOR STEEL PIPE 3/8" THRO' AND LARGER SIZES

				Sp	ecificatio	ons :							
	Pipe	Overall Dime	nsions	Working	Item code for	Approx. wt. in		Material o	f Const.		3	Recom	
N.B. Size inch	Outside Dia (O/D)inch	Dimension in inch	Length in inch	pal	ordering	kg.	MS/ CS/ MI/CI	MI/MS	C.I.	S.S.	P.P.	Wrench size inch	Pull in kg.
3/8	0.675	1.5	2.5	1500	0031	0.4						10	35
1/2	0.840	1.5	2.5	1500	0041	0.5						14	35
3/4	1.050	1.9	3.0	1500	0051	0.6						14	35
1	1.315	2.2	3.5	1500	0061	0.7						18	35
1.1/4	1.660	2.5	3.5	1500	0071	1.00						18	35
1.1/2	1.900	2.9	3.5	1500	0081	1.4						. 24	35
2	2.375	3.4	4.5	1500	0091	2.9						24	35
2.1/2	2.875	6.5	5.25	1500	0101	3.5							
3	3.5	6.6	5.25	1500	0201	3.6							
4	4.5	7.5	5.2 5	1450	0301	4.5							
4.1/2	5.0	9.5	5.25	1250	0401	6.00							
5	5.563	9.675	5.5	1205	0501	8.00							
6	6.625	9.675	5.5	1020	0601	11.00							
8	8.625	11.675	5.5	800	0701	14.00							
10	10.75	14.675	7.5	600	0801	18.00					. e.		
12	12.75	16.75	7.5	500	0901	21.00							_
14	14.00	18.00	7.5	450	1001	27.00							
16	16.00	20.00	9.5	450	1101	34.00							
18	18.00	22.00	9.5	400	1201	39.00							
20	20.00	24.5	9.5	350	1301	48.00						C. S. A. C.	
22	22.00	26.00	9.5	350	1401	56.00							
24	24.00	28.00	9.5	300	1501	63.00							
30	30.5	34.5	12.5	250	1601	88.00							
36	36.5	40.5	12.5	250	1701	114.00							
48	48.75	53.75	12. 5	250	1001	151.00							

Product Conforms To:

◆ BS : 4368 Section A, for compression fittings ◆ BS : 4368 Part IV, for pressure testing. ◆ ASTM ANSI A 47-70) and) For malleable castings ASTM/ ANSI A 49-76) and Grey iron castings. + RS : 3003 part1 : 1957 for Rubber parts:

APPLICATIONS

- 1. Industrial oil/Fuel Fired Furnaces
- Automatic Drinking Cup Fountains. 2
- Transformer Piping 3.
- 4. Ash/ Slurry
- 5. In- Plant Piping.
- 6. Fire Engines & Appratus.
- Laboratory Piping (Hospitals).
- 8. Automatic Washing Machines.
- 9. Hydraulic Machines. 10. In Green Houses.
- 11. Utility Piping (Gas, Water, Oil, Chemicals)
- 12. Firm.

- 13. Cicuit Breakers 14. Conduits
- 15. Construction
- 16. Cutboard Motors

- 19. Irrigation System
- 23. Chemicals Feeders
- 24. Seperators
- 25. Ship's Piping

- 26. Printing Presses 27. Dishwashing machines
- 28. Brewers Machines
- 29. Brewers Machinery
- 30. Intercom Systems.
- Equipment
- 31. Air Conditioning & Refrigeration
- 32. Car Washing Machines.
- 33. Appliance Hookups 34. Food Machinery
- 35. Ice Cream Machines
- 36. Radiant Heating
- 37. Tank Trucks
- 38. Manifold Piping of large Industrial Furnances:

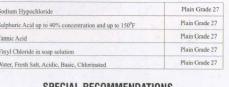
austra incommunication for various Application

Service	Type & Grade	Sodium Hypochloride	Plain Grade 27				
Acetic Acid up to 10% concentration and up to 150°F	Plain Grade 27	Sulphuric Acid up to 40% concentration and up to 150°F	Plain Grade 27				
Acetone (Dimethyl Ketone)	Plain Grade 27	Tannic Acid	Plain Grade 27				
Air	Plain Grade 27	Vinyl Chloride in soap solution	Plain Grade 27				
Alchol, Ethyl, Isopropyl and Secondary Butyl	Plain Grade 27	Water, Fresh Salt, Acidic, Basic, Chlorinated	Plain Grade 27				
Ammonia as gas or liquid up to 150° F	Plain Grade 27	SPECIAL BECOMMENDATION	10				
Butane	Plain Grade 27	of LOIAE HEOOMIMENDATIONS					
Calcium Acid Sulfite	Plain Grade 27	Benzene	Armored Gr. 42				
Calcium Chloride	Plain Grade 27	Carbon Tatrachloride	Armored Gr. 42				
Calcium Hypochloride	Plain Grade 27		Armored Gr. 27				
Calcium Phosphate	Plain Grade 27	Creosote Oil or Tar	Armored Gr. 27				
Causitic Soda	Plain Grade 27	Ethylene Dichloride					
Copper Cyanide	Plain Grade 27	Gas, By product, manufactured (except highly sour)	Armored Gr. 27				
Diethylaniline	Plain Grade 27	Gas By- product, Manufactured (Sour)	Plain Gr. 42				
Ethylene Glycol	Plain Grade 27	Gash Natural with Odorants	Armored Gr. 27				
Gas, Natural (Including fogged)	Plain Grade 27	Gasoline, Regular, Ethyl and Aviation	Plain Gr. 42				
Glycerin =	Plain Grade 27	Hexane Liquid	Armored Gr. 27				
Hydrogen Sulphide Gas	Plain Grade 27	Jet Fuel	Plain Gr. 42				
Mercury	Plain Grade 27	Methane (Marsh Gas, Fire Damp) 90 to 95% natural gas	Armored Gr. 27				
Methyl Ethyl Ketone	Plain Grade 27	Mineral Spirits	Armored Gr. 27				
Methyl Isobutyl Carbinol	Plain Grade 27	- Oil, cured (Sour)	Plain Gr. 42				
Methyl Isobutyl Ketone	Plain Grade 27		Armored Gr. 27				
Nitrogen Gas	Plain Grade 27	Oil cured (Sweet), fuel and lubricating					
Potassium Cyanide	Plain Grade 27	Perchlorethylene Propane	Armored Gr. 42				
Sewage	Plain Grade 27		Plain Gr. 42				
Sodium Carbonate - Soda Ash	Plain Grade 27	Steam (Low Pressure & upto 212°F)	Armored Gr. 27				
Sodium Chloride	Plain Grade 27	Styrene	Armored Gr. 27				
Sodium Dichromate, not over 10%	Plain Grade 27	Temperature over 212°F	Asbestos				
Sodium Hydroxide	Plain Grade 27	Toluene	Armored Gr. 42				

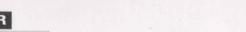
The above is a partial list. For unusual applications, consult

HOW TO ORDER

- 1. Specify NB and OD of the pipe which coupling is to used.
- 2. Pipe Material & Class : Steel, C.I., PVC, HDPE, Copper, Asbestos-Cement etc.
- 3. Service-water, Oil, Gas, air, Fuel, Chemicals Slue
- 4. Qty. and Type of fittings, Standard or extra Iong Couplings, Elbows-Tees etc.
- 5. Whether fittings are required to be shopcoated, galvanized or any other type of coating required.
- 6.Item code and detail code for Current Price List.
- 7. In unusual conditions, describe the pipe joining or repair problem in detail.



- 1	Plain Grade 27	Carbon Tatrachloride	Armored Gr. 42
	Plain Grade 27	Creosote Oil or Tar	Armored Gr. 27
	Plain Grade 27		Armored Gr. 27
	Plain Grade 27	Ethylene Dichloride	
	Plain Grade 27	Gas, By product, manufactured (except highly sour)	Armored Gr. 27
	Plain Grade 27	Gas By- product, vianufactured (Sour)	Plain Gr. 42
	Plain Grade 27	Gash Natural with Odorants	Armored Gr. 27
	Plain Grade 27	Gasoline, Regular, Ethyl and Aviation	Plain Gr. 42
	Plain Grade 27	Hexane Liquid	Armored Gr. 27
	Plain Grade 27	Jet Fuel	Plain Gr. 42
	Plain Grade 27	Methane (Marsh Gas, Fire Damp) 90 to 95% natural gas	Armored Gr. 27
	Plain Grade 27	Mineral Spirits	Armored Gr. 27
	Plain Grade 27	Oil, cured (Sour)	Plain Gr. 42
	Plain Grade 27		Armored Gr. 27
	Plain Grade 27	Oil cured (Sweet), fuel and lubricating	Armored Gr. 27
	Plain Grade 27	Perchlorethylene	Armored Gr. 42
	Plain Grade 27	Propane	Plain Gr. 42
	Plain Grade 27	Steam (Low Pressure & upto 212°F)	Armored Gr. 27
	Plain Grade 27	Styrene	Armored Gr. 27
	Plain Grade 27	Temperature over 212°F	Asbestos
	Plain Grade 27	Toluene	Armored Gr. 42





1	Also	Avai	lable	at :				
2								

- 17. Building Maintenances
- 18. Bottle Washers
- 20. Dresser end Valves.
- 21. Dry Dock Piping
- 22. Blowers

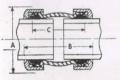
Application.

Water, Oil, Air, Fuel, Chemicals, Slurry, Brine, Acid and Alkali Solutions, Sewage, Refrigerants, gasolene, Gas nature, sweet or sour, gas by-product Gas manufactured, Cerosote, Oil, or Tar, Butane-Propane, Aromatic and alliphatic hydrocarbons, benzene, condensates, low pressure steam (up to 150° F) etc.



"NO - THREAD" FITTINGS, STYLE 31

SPECIFICATION:



Straight Sizes							
Nominal Steel Pipe Size (I.D.)	3/8	1/2	3/4	1	11/4	11/2	2
Out Diam. of Pipe (O. D.)	.675	.840	1.050	1.315	1.660	1.900	2.375
Item Code for Ordering	0031	0041	0051	0061	0071	0081	0091
Dimension A (See left)	13/8	117/32	127/32	23/16	25/8	215/16	319/32
Dimension B (See left)	2%/32	2 ⁵ /8	221/32	215/16	31/4	3%	37/8
Dimension C (See left)	111/16	2	2.	21/4	21/2	23/4	3

Style 31 LONG COUPLINGS

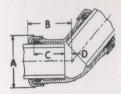
Style 31 REGULAR COUPLINGS

) <u>- c</u>	
1	
)	- B

Nominal Steel Pipe Size (I.D.)	¥2	3/4	1	11/4	11/2	2
Outside Diam. of Pipe (O.D.)	.840	1.050	1.315	1.660	1.900	2.375
Item Code for Ordering	0041-L	0051-L	0061-L	0071-L	0081-L	0091-L
Dimension A (See left)	117/20	127/30	23/16	25/8	215/18	319/23
Dimension B (See left)	41/8	413/30	411/16	4	55/16	55/8
Dimension C (See left)	31/2	33/4	4	41/4	41/2	43/4

Straight Sizes

Style 31 - 45° ELLS



Nominal Steel Pipe Size (I.D.)	٧,	3/4	1	174	11/2	2
Outside Diam. of Pipe (O.D.)	.840	1.050	1.315	1.660	1.900	2.375
Item Code for Ordering	0041-S	0051-S	0061-S	0071-S	0081-S	0091-
Dimension A (See left)	117/20	127/ 32	23/10	25%	215/16	31/32
Dimension B (See left)	13/	2	28/32	219/20	527/22	31/
Dimension C (See left)	11/	113/30	15%	127/30	2	27/32
Dimension D. (See left)	34 ₁₆	1/4	5/16	3/8	7/ 16	17/32

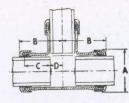
Style 31 - 90° ELLS

Straight Sizes						
Nominal Steel Pipe Size (I.D.)	1/2	3/4	1	11/4	11/2	2
Outside Diam. of Pipe (O.D.)	.840	1.050	1.315	1.660	1.900	2.375
Item Code for Ordering	0042	0052	0062	0072	0082	0092
Dimension A (See left)	117/30	127/ 22	23/16	25/8	215/16	319/20
Dimension B (See left)	21/2	25/16	211/16	33/20	313/30	331/20
Dimension C (See left)	11/	1 13/30	15/8	127/30	2	2%
Dimension D (See left)	15/ 32	9/16	23/32	7/8	1	11/

SPLOINCATION

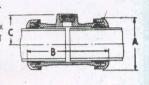
Style 31 - 90° TEES

Style 31 - 90° TEES		Straight S	Sizes			
Nominal Steel Pipe Size (I.D.)	1/2	3/4	1	11/4	11/2	2
Outside Diam. of Pipe (O.D.) Item Code for Ordering Dimension A (See right) Dimension B (See right) Dimension C (See right) Dimension D (See right)	.840 0043 1 ¹⁷ / ₃₂ 2 ¹ / ₃₂ 1 ¹ / ₄ 1 ⁵ / ₃₂	1.050 0053 1 ²⁷ / ₃₂ 2 ⁵ / ₁₆ 1 ¹³ / ₃₂ 9/ ₁₆	1.315 0063 2 ^{3/} 16 2 ^{11/} 16 1 ^{5/} 8 2 ^{3/} 32	1.660 0073 2 ⁵ / ₈ 3 ¹ / ₈ 1 ²⁷ / ₃₂ 7/ ₈	1.900 0083 2 ^{15/} ₁₈ 3 ^{13/} ₃₂ 2 1	2.375 0093 3 ^{19/} 32 3 ^{31/} 32 2 ^{9/} 32 1 ^{1/} 4



Style 31 THREADED-BRANCH TEES

		Stra	ght Siz	es					
Nominal Steel Pipe Size on Run (I.D.)	1/2 × 1/2		³ / ₄ x ³ /4		1 >	1	11/40	k 11/4	2x2
Branch-Ourlet Size (I.D.) Outside Diam. of Pipe (O.D.) Item Code for Ordering		1/4 1.050x 0053-BT 91	C	^{3/} 4 1.050x 0053-BT 91	1/2 1.315x 0063-BT 124	Contraction of the second	1/2 1.660x 0073-BT 184	1.0000	1 ¹ / ₄ 2.375x 0093-BT 300
Dimension A (See right) Dimension B (See right) Dimension C (See right)	1 ¹⁷ / ₃₂ 4 ⁷ / ₃₂ 1	127/32 417/32 11/8	1 ²⁷ / ₃₂ 4 ¹⁷ / ₃₂ 1 ¹ / ₈	1 ²⁷ / ₃₂ 4 ¹⁷ / ₃₂ 1 ¹ / ₈	2 ³ / ₁₆ 4 ²⁷ / ₃₂ 1 ¹³ / ₃₂	2 ³ / ₁₆ 4 ²⁷ / ₃₂ 1 ³ / ₈	2 ⁵ / ₈ 5 ³ / ₁₈ 2 ⁵ / ₁₆	2 ⁵ / ₈ 5 ³ / ₁₆ 2 ¹⁵ / ₃₂	3 ¹⁹ / ₃₂ 5 ⁷ / ₈ 2 ¹ / ₁₆



Style 31 - FEMALE ADAPTERS

	Straigh	t Sizes			
Nominal Steel Pipe Size on Run (I.D.)	3/4	1	11/4	11/2	2
Outside Diam. of Pipe (O.D.)' Item Code for Ordering Dimension A (See right) Dimension B (See right) Dimension C (See right)	1.050 005-1-FA 1 ²⁷ / ₃₂ 1 ¹⁵ / ₁₆ 1 ¹ / ₃₂	1.315 0061-FA 2 ³ / ₁₉ 2 ³ / ₁₉ 1 ⁵ / ₁₆	1.990 0071-FA 2 ⁵ / ₈ 2 ⁷ / ₁₈ 1 ⁵ / ₁₆	1.660 0081-FA 2 ^{15/} ₁₆ 2 ^{19/} ₃₂ 1 ^{13/} ₃₂	2.375 0091-FA 3 ¹⁶ / ₃₂ 3 ¹⁷ / ₁₆ 1 ³ / ₈



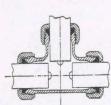
Style 31 - MALE ADAPTERS

	Strai	ght Sizes				
Nominal Steel Pipe Size on Run (I.D.)	1/2	3/4	1	11/4	11/2	2
Outside Diam. of Pipe (O.D.)	.840	1.050	1.315	1.660	1.990	2.375
Item Code for Ordering	0041-MA	0051-MA	0061-MA	0071-MA	0081-MA	0091-MA
Dimension A (See right)	117/30	127/32	23/16	25/8	215/18	319/22
Dimension B (See right)	111/16	219/32	227/20	211/16	31/20	31/16
Dimension C (See right)	11/	11/4	115/32	11/8	17/32	13/8



Style 31 - TEES (ALL ENDS) - Malleable

PIPE (STEEL	Item Code	
Nominal Diam. of Pipe (ID)	Outside Diameter (OD)	for Ordering
3/4 x 3/4 x 3/4	1.050 x 1.050 x 1.050	0053-MAT
11/4 x 11/4 x 11/4	1.660 x 1.660 x 1.660	0073-MAT
2 x 2 x 11/4	2.375 x 2.375 x 1.660	0093-MAT





To join pipe better than a union VIMPA couplings are superior to unions. They eliminate threading, exact pipe cutting, corrosion of threads. They absorb vibration and accommodate inisalignment.

AT BE



To replace hose connections Hose connections eventually split or fail in service. VIMPA Couplings give fight, permanent, streamlined connesctins. For quick cut-ins Connections for appliances, faucets, or branch lines can be cut-in quickly since VIMPA eliminate pipe threading, exact pipe lengths, unions

To simplify cleaning and repair

Where periodic cleaning of piping is

necessary, disassembly is easy at

any point. Many lengths of pipe need

not be disconnected for repairs



To join misaligned pipe Since each fitting allows up to 6st

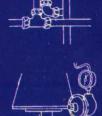
deflection, joining of misaligned

pipes is simplified

es, faucets, t-in quickly be dut, supperat leak, spring pipe ends, stip on a VIMPA coupling, side back over cut, tighten end nuts-you have a permanent repair



pipe ends, The resilient gaskets absorb all normal vibration, deflection and movements side back of the pipe... preventing stresses that you have a often cause failure.



To join or repair pipe in close

VIMPA Fittings can make the job

easy in places too crowded to use

quarters

threaded fittings.



To save time-no pipe threading

Most piping jobs can be finished in a

fraction of the time required where

or exact pipe lengths

threaded joints are used

For outdoor piping Where corrosion of threads on outdoor piping has been a problem, VIMPA Fittings offer long-term corrosion resistance, because full wall thickness of pipe is retained. To make economical outlets on tanks, walls pipes

Style 90 Couplings can be cut in half and the body welded to a pipe, a tanks, or a well. The VIMPA end provides an easy way to connect plain-end pipes.



To eliminate ground-joint unions Since pipe can be turned in a VIMPA fitting before tightening, a union can often be eliminated.

USES:

Automatic Drinking Cup Fountains Fire Engines & Apparatus Conduits Intercom Systems Laboratory Piping (hospitals) **Outboard Motors Printing Presses** Construction **Dishwashing Machines Refrigeration Equipment** Irrigation Systems Air Conditioning Systems Dresser end Valves Brewers' Machinery Car Washing Machines **Bottle Washers**

Farm Machinery (tractors etc.) Blowers Utility Piping (gas, water) Automatic Washing Machines **Circuit Breakers** Food Machinery **Tank Trucks** Appliance Hookups Ship's Piping Hydraulic Machines Ice Cream Machines Separators In Green Houses **Radiant Heating Chemical Feeders** Dry Dock Piping

Mfgr:

🗭 Veepee Engineers

123-A Ravinddrapuri, Varanasi - 221 005 (INDIA) Cell : 00-91-9336902039, 9918102039 Tel : 00-91-542-2373390, 2373394 Fax : 00-91-542-2371258 Website : veepeeengineers.com . e-mail : veepeeengr@yahoo.com

ALSO AVAILABLE AT :

List of Plant and Machinery

Sr	Description	Machine Spen	Usage	YEAR OF manufacturi ng	REMARK
1	CNC Plasma Cutting Machine	Plasma =50MM Oxy Fuel =90MM Bed size 2.8 X 7.2 Mtr	Cutting of M.S Sheet and Plates upto 50 MM	2015	
2	CNC Fiber Laser Machine	Bed Size 5' X 10' 1.5 Kw	Cutting of M.S /S.S Sheet and Plates Upto 12 MM	2020	
3	CNC Laser Marking Machine – 04 Colour	0.8 Kw	Marking	2021	
4	Hydraulic Shear	8 T X 3000	Straight Line Cutting	2014	
5	Hydraulic press brake	8T X 3000	Angular and straight line Bending	2014	
6	i Hydraulic Power Press	400 T Window 5' X 5' Upto 75 MM Thick	Bending , Straighating and Forming	2005	

7	Rolling/straightening machine	30MM X 2500MM	Plate bending and Straighting	2013	
8	TIG welding machine	400 Amp/500 Amp	Steel & MS welding	2015	
10	MIG/MAG welding set	400 amp/500 amp	Steel & MS welding	2015	
11	Drill machine	Upto 50mm	Hole Drilling	2013	
12	EOT Crane	5 Ton	Lifiting , Loading , Handling and unloading	2015	

13	Lathe machine	10' size and 5' Size	Machining	2008	
17	Painting compressor & gun	Model 2475/5 HP/24 CFM	Painting and Air	2015 & 2021	
19	Radial Drilling machine	Upto 80 mm dia	Drilling of Big Holes	2009	
20	Tool grinder	upto 20 MM	Hole and Corner Cleaning	2008	
21	Do-All Hydrolic Machine	20 MM X250 Sheet and 38 MM Sq or 100 X 100 angle	Cutting of Angle , Channel , Sq Rod and Forming	2014	
22	SPOT Welding Machine	200 Amp U	Spot Welding of Upto 3 MM S.S / M.S.	2009	

26	Thyristor based DC welding Machine	300 Amp	Welding	2013	
29	Generator Set	40KVA	Electricity Genration	2010	
30	Heavy Duty Disc Grinder	2.5 KW	Grinding	2018	
31	Weel Cut-off Machine	2.5 KW	Cutting of Section	2018	
37	Gas Cutting Set	Upto 50MM	Gas Cutting	2015	
38	Profile Gas Cutting Machine	1' X 1.5 Meter – 100 mm	Profile Cutting	2010	

39	Power Press	100 T	Punching and Blanking	2012	
40	Band Saw Machine	175 MM Dia	Cutting	2009	
42	PUG Cutting Machine	Upto 90 MM	Straight Line Cutting	2008	
50	Buffing/Sanders	3.5 HP	Buffring and polishing	2020	
51	Trolly for Carry material	1 TON	Transpoting Goods	2018	
57	Bench Vice	12" inch	Holding Small job	2019	

58	Working Table (For Elec Works)		For Electrical working		
59	Powder Coating	4 x20 Ft	For powder Coating	2020	
60	Cable Cutting and Dressing Tool	Adequate	Crimping and cuting of elec wire cable.	2022	Barre Barre
61	Bead Making Machine	24" Dia	making bead	2022	
62	Etching Machine	24" Dia	for marking on sheet and plates	2022	

63	Double action deep draw Hydrolic Press	250 Ton	for bending	2022	
64	Set for Automatic welding of S.S	24" Dia	welding on SS Sheet	2022	
65	Rolling setup for cylinder	upto 2 MM Thick	Rolling of sheet	2022	
66	Water Spray Arrangement	Pressure Max 90 Bar Water consumption 6.5 L	Spraying Water	2022	

		Measuring a	and Testing Ins	tumen	ts
Sr	Description	Machine Spen	Usage	YEAR OF MFG	REMARK
	1 Steel Scale	0-1000 MM	Measuring	2016	
	2 Steel Scale	0-300 MM	Measuring	2016	
	3 Measuring Tape	0-3000 MM	Measuring	2018	
	4 Digital Caliper	0-150 MM	Measuring of Thickness and min tol dim	2016	
!	5 Micrometer	0-1 Inch	Measuring of Thickness and min tol dim	2010	
	6 Thread Plug Gauge	M10 x 1.5-6H	Checking thred Size of hole	2020	
	7 Coating thickness Gauge	0-250 Micron	Measuring of Coating Thk	2021	

8	Pressure Guage	0-70 Kg	measuring Hyd Pressure	2008	
9	DPT		Crack detection	2022	
10	Vernier Caliper	0-8 Inch	Measuring of Thickness and min tol dim	2016	
11	Sprit Level		Level of surface		
12	Tri-Square		For Check 90 degree angle	2018	

13	Inner / Outer Caliper		For Inner outer dim check	
14	Weight Machine	Upto 10 Ton		
15	Hammer			

E	lectrical Equipm	ent's for Testing	and M	leasuring
1 High voltage Tester	Suitable	Testing of Voltage		
2 Mili Voltmeter	Suitable	Testing of Voltage	2021	
3 Dig Insulation Tester	2000 MΩ	testing of insulation	2022	
4 Continuity Tester	Suitable	testing of continuty	2021	
5 Regulated DC Source	0-200 V DC		2022	
6 Digital Clmap Meter	Suitable	testing of AC / DC voltage	2012	
Analog Mulimeter	Suitable	testing of AC / DC voltage	2018	
Test Panel (Voltameter , Ammeter , wattmeter , Frequancy meter , Power fact Meter A.C)	or Suitable			

		Inspect	on Item		
1	Tool Surface Plate	Tie Up with NABL Approved Lab			
4	Physical, metallurgical (spectrometer), chemical & rubber testing	available at Banaras Hindu university and BLW (government approved test lab). Also NABL approved M/s spectro test lab at kanpur			
		Found	ry Unit	·	
1	TIE UP WITH STEEL CASTING U (BOTH THE ABOVE ISI APPROV	INIT & MALLEABLE CASTING UNIT ED)			
2	TIE UP WITH FOUNDRY UNIT, V RELATED SECTIONS	NITH PATTERN SHOP & ALL			
3		ND SHOT BLASTING MACHINE, BLE IN THE INDUSTRIAL COMPLEX.			
4		are ready available as is evidence Pressurized Flushing arrangement,			

राष्ट्रीय लघू उद्योग निगम लिमिटेड S.No. NAI 0000518

Branch Office : Branch Office, Naim, Industrial Estate, Udyog Nagar, Naim, Allahabed - 211005

Fax: 0532-2697218

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Ph: 0532-2897050 Email: boathistingast mount of Ind Weetter prively.co.in

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Sr. No.

Renewal Certificate (Valid From 23/02/2020 to 22/02/2022) ANNEXURE TO ODVERNMENT PURCHASES ENLISTMENT CERTIFICATE

NO NSICIGP/VAR/2017/0030488 D.T. 02/03/2020

ISSUED TO NIR. VEEPEE ENGINEERS UTTAR PRADESHAILS CERTIFICATE

225/1. Meheshour Industrial Estate, VARANASI, UTTAR PRADESH-221108

ŝno	Store(s)/ Sorvice(a) Name	Specification(A)	Qualitative Capacity	Quantitative Capacity PM
	Flaxible Compression Plac Coupling, Sleave Coupling, Plae Repair Clamps & Repair Storve, 'D' Type Dmssor/	PINo. 11325138, 11325033, 11325082, 11325094, 11325100, 11325239, 11325240, 11325399, 11325630, 11325197, 11325203, 11325264, 11325720, 11325150, 11325227, 11325150, 11325136, 11453310, 11325460, 50401058, 60401057, 60401058, 60401059, 60401070, 11325566, 60402019	As per Indian Raliway Drg. no. /Spec. CIAVCA-23, B2V00EC00B00, 11325650, TPL-0243, TPL-0244, 80401570, c04015, 66402019, TPL-2540, TPL-0320, TPL-0567, TPL-0242, 1PL-0028, TPL-0245, Size 3/57, 59, 54, 17, 1.46, 21, 31, 41 Up to 48*	15 M T OR
2	Celina	PL NO. 35682070. 33558097 33557287, 33630181. 33562834, 33692849	As per Indian Raiway Dig 05.7 Spec. RDSO/SPEC. 0-8217 REVISION 02. 2 10113,0,20,200,104, LE16113, MDTS-096. MPLCES2TEI VERSION 6, MPLCESLISCZAC, VERSION 2, MPLCESSTEL, VERSION 12	03 M.T.DR
э	Gear Cesa Assy: For WOM2, YDM 4 EMU Coaches, Flac.Loco,	PL NO. 11013366,12860165. 12977433,12999113,12995034. 17981646,1208972,1038493, 12090283,12084190,12084293. 12087841,12877433,12969113, 12885034,M7147566006. M71837165001,M7197017906	As per Indian Ratway Drg.no./Spot 1439164100V00_1439160100/V0I IS-4015088_4515389_SK DP-388 G-4515084_14381641001. G-4515078_SKDP-3885, SKDP-3888,40056895, all types ofelec loco like WAG AND WAP elc	15 M T DR
4	Elactico Presuntatio Pressuntzeo Flushing System Pressuntzed Flushing System, Rukker Dust Guard, Dust Guard All Types,	PL NO.12083951,1208406 , 33515091, 33700147 4077NS1 , 33615230 , 30980464	As per Indian Railway Drg.no./Spec. ICF MD SPEC 340 SKUP-3365 MCF MD 32219 , MDTS 24317 ,MDTS 26001 ,	SOC NOS
5	ReservatiViain Reservoir Assly Salio, Flag Door For Wagone	PL NO. 17450366, 17404517, 17456228, 17451140 25140050	As per Indian Raitway Drg.no/Spac. 40054147 10362293,9329376,400541147	SM.T OR
8	Cattle Guard/Pilot! Modified Cattle Guard, Gow Catcher For WDM 2, YDM WDS 6, Elect, Loop & EMU Pilot And Pilot Support Application/Assembly Set	PL NO.11036318,11030830.11631414, 11032376,11033517,11036898,11531356, 11533134,11503195,11614040,11885098, 10360267,17032958,17062821,17050252, 17360264,18862272,16952277,11006692,11814044, 12377020,17036953,M7191013014,17035909, 11533377,11008392,11533134,11533195,11862272, 186822277,17950264,23612871	As per Indian Railway Drg no /Spot. TPL-1018, 2DMW/SK-938, SKDL-4131, RDSO/SKDL-4130, SKDL-4132, SKDL- 4653, 1153977, TPL-3373, SK-927, TPL-0788, TPL-1016, SCR/DSL/SE-1002, D- 17032969, SKDL-4237, 17032959 NDLA/FR-105	15 M T DR
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of the certificate can be checked through the web portal: www.nsicspronline.com., Allahabad

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8	Angle (BH & LH)	PL NO 37887446, 33653877, 33570760, 35991891, 39800340, 33554470, 33660823, 33608690, 39890522, 35962240, 33595331, 33574340, 33581678	As per Indian Railway Drg.no./Spec.CC43355, 3 10113 0.03.210.101. LG10198, LG10199, 2 10113 0.21.500, LG11110, LG14112, RCF-RBL-DRC-86, RCF-RBL DRG-85, MP13ANGLE VERSION 0, MPLCEA2TEL VERSION 3, MPLCALWSON VERSION 2, MPLCOA3TL	291 M T OR
9		17150681 17150723 17125881 33690923 10632541.	As per Indian Ratway Org No./Specs.10833202, 10635488. 10633789, 10532857, 106323210, 10633016, 10532463, 10832645, 10633018, 10635782, 10835145, 10632041, 10835180, 10633832, 40037225, 10833568, 10635781, 10644654, 8407807, 8219685, 10614112, EMD PT NO. 10632541	D.3 M.T.CR
10	Battery Box, Modified Battery Dux, Battery Box For LHE Coaches Pallet, All Type- Battery Box Complete General Battery Box Assambly, Battery Box Mounting Rattery Fuse Box Bin, Vesde Bin	Pt NO.11531344.11537220.17032670.17032740.33850184 17030882.17035764.10661339.20680013.33850184 33850421.33650184.33850421.33840786 33640178	As per Indian Flatway Drg.nd/Spec. 1111531344, TPL-3372, 374V25640, 17032746, 10601444, 11637220, 310113.0 76 700.008, OC\$1205,16661500 17035764,10832153,17032106	4 91 M.T OF
11	Bracket, Anli Roli Bracket. Bearing Bracket For Borth Cum Backrest Pain, Bracket Complete Bracket (SG), Bracket Complete For LHB Coach, Bracket For Fixing of Luggage Reck For AC31, Bracket For	Pt. NO. 33900514, 33500538, 30568547, 33550104, 33655485, 38503550, 33813357, 33650258, 35982445, 35682573, 35982565, 5582457, 33510340, 33510052, 33510982, 33511195, 23511202, 935550281, 23555988, 33594120, 33600029, 33690248, 33690380, 33690841, 33555904, 33595804, 33595804, 33595804, 33595804, 33595804, 33595804, 33595804, 33595804, 33595804, 33595804, 33595804, 33595804, 33595804, 33595804, 33595804, 33595804, 33595400, 33655746, 33557462, 33510775, 03555801, 33555400, 33655400, 33655400, 33655400, 33655400, 33655400, 33655400, 33655400, 33655400, 33655400, 33655400, 33655400, 33655400, 33655400, 33653700,	LE63243, LE63226, 2 10113,0 10,320,101, 2 10113,0 22,340,104, 2 11012,0,76,095,099, 3	0.88 M.T.OF

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		and the second second second second	Sr. N	13748
	Orachal	STORE DETAILS CE	11012.0.76.086.093, 3 10113.0.76.095.076, 3 10113.0.76.095.077, 3 10113.0.08.095.077, 3 10113.0.29.200.003, 2 11012.0105.095.021, LE36174 2 10113.0.08.085.002, 7 10113.0.20.085.005, 7 LE44180, LW05118, 3 10113.0.09.095.026 3 10113.0.30.095.005, 2 10113.0.76.095.003, 2 10113.0.30.095.005, 3 10113.0.30.095.155, 3 10113.0.30.095.155	
2	Bracket & Bracket Asm, Mounting Bracket Bracket Compiles, Bracket Asm For Lhb Coaches, Damper Bracket Al Types , Kjt For Bracket Asm river , Set Of Bracketed Sheet	PL NO 335560221, 33511070, 33550281, 35960282, 33504179, 3042360, 29129990, 29171015, 29818459, 29180077, 33682434, 33555745, 35684107, 33510775, 33855926	Drg.no./Spec.10633984, 10624157 10534522, 10834057, 10534522, 10834057, 10634103, 10534011, 10632476, GM PT NO.10632036, CS-15033, 10654017 CG-15034, LE11310, 10634103, LW36133, GM PT NO.10600631, LE10175, 11246896, 10534067, 17083369, MPCHANELAC3TLHB VERSION 6, MPCHANELAC3TLHB VERSION 6,	DI M.TCR
13	Channel & Channel Asin, Channel Sleepers And Fitting All Types, Din Ball Channel Kri Sci of Channel Asin. For Acter LHB Ceach., Skrifting	PLINO 33650170 .29109998 29109670 33680170. 30101268, 33563603 33694643 33990033	PL NO 32690170 28109668,28109670 30690170,30101265, 33593693 33594843,32960883	0.23 M.T CR
14	Set of Clips Cat. No. Proti , Kit -16 For Clamp Asm & C , Clamps Cat No Sr8/2013 C&D Clamp & Pad Cat No GR00 , Clamp Asaly (For	PL NO 29812855 ,29210010 ,29210094 ,29210138 29180077	PL NO 29612858, 29210010 .29210094 ,29210100 .29180077	0.5 M.T CR
15	WAP-7) Centering Disc, Centering Disc, For LHB Coach, Centering Disc For Primery Suggersion	PL NO.33509323, 33500174, 33500295, 33500605 33500083, 33594247	As per Indian Raitway Drg no /Spec. Ligas103, 1289840, 1263599 1262875, 1902431, UV44139	C CE M.T OR
16	Cover & Cover Asim Door & Door Asim All Types , Set Of Cover For WAC-9	PL NO.33533203 , 29810242 ,33595045 . 33595057 , 33550738	PL NO. 33566203 29310242,33595045 33565057.33558738	0.4MTOR
17	Equipment Rack Frame Asm. Eshuast Duct Asm/Exhuast Stack Asm. Hand Brake Asey	PLNO 17050510,17455625,25140050,33092558, 35590712,33593035	As per Indian Reilwey Drg.nc./Spec 10634303	0.16 M.T OR

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				No.137
1	Arrangement, Flour Frame Assly/ Kit For Modified Floor Frame Bogie Frame Arrgt, Fuel Of Filter, Lube Of Filter, Set of Filter Frame Assn., Central Under Frame Assy, Filter Assly Cal	PLNO. 17034334, 17047536, 17033068. 29480115, 29129306, 17033755, 29480103	As per Indian Railwey Drg.no./spac.11534175.11535313 10032283. 10832281. RTIFICATE	
19	No.R/9/0014 Fuel Tank, Weter Tank Complets With Upper & Lower, Water Tank Ason (RH & LH)	PL NO.33650141, 33612742 33553830, 33554754, 33550141, 33550300, 33554863,33552538 17051265,33553830, 17031291, 17032155, 33612390, 33890054, 11328324, 17050813, 18862272, 170514986, 33810502, 30535803,33612742, 33550300,33554663, 33550300,33554663,	As per Indian Raiway Diguto, Spec. CC83138, LW63150, LP63117, LP63138, CC63136, LG83108, LG83105, LP63117, MI006710, MI005711, S33V-468944 602.251.000.001, spec. MDTS:100	9.47 M T OR
20	Mounting Tank Asm, For Lhb Type (SCN EOG), Mounting Arg. For Safety Walls And Coaches	PL NO 33250475, 33596815	As per Indian Ratway Drg.no./Spec.LS63122, Microsod4	0.1 M.TOR
2-	Looming Bar Kit. Spigot Piste Kit. And Hoad Stock Assy. For	PL., 29175968 ,29120251	As per PL NO 29408428 , 29179986 . 29120251	0.2 M T OR
22	WAP-7 Set of Al Pertoratad Partition Wal Plates. Periographic Plates Offusar Without Perforation For LHB ECG	PL NO.33592792, 33502018, 33840385, 33642035 . 29175367	As per Indian Ratway Org.no./Spec. MPLPGIALLPGEA VERSION 2, 1903559 VER. 02, LJ76211	0.54 M T OF
29	Perforated Sheet/Plate, Ms Perforated Sheet, Aluminum Perforated Sheet/Plate, Partition Kit For Perforated	Charles and the second s	As per indian Relfwity Drg no Aspes 11533845 17142453. TPE-14-0001 17272683, 17047780 17272695, TPL-9258,	1.54 M.T OF
24	Lever Complete, Traction Lever, Ball Joint Traction Lever, Transition Supply Duct	HL NO. 33500551, 33510036, 33500010, 33558702 . 29470079 , 29470067 .33557445 33556702	As per Indian Railway Drg. 10./Spec. 1267508 VER. 01R. LW36183, 1267508. C53 973 REF BRED 8403 REV.02, LE16117	1 66 M.T.O

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	Complete , Ducting Assly Cat No R/9/8061		FRE PAR CONTRACT	
25	Aluminum Finish Strip	PL NO, 83120230 93120503	PL NO. 93120230 ,83120503	0.5 MT OR
26	Auminum Fist St Stoel Sheets, Plates, Bars & F. Set of Steel Items	PL NO. 29120147 . 32980358 30652936	PL NO. 28120147 , 32050358 30622936	0.5 M T OR
27	Distance Plate For Plat Bogic Furnishing Plate. Longitudinal Stop End Plate M.S. Step Complete Performed Plate Step Stop Plate Selecty Stop Plate, Security Plate. Set of Al Perforated Parition Wall Plates Set of Bracket & Plate For LHB Power Car, Set of Floor Plate For LHB Power Cer EOS, Stiffening Plate, Stop Plate, Switch Plate Asm, Complete Wath Polyca, Thread Plate Waar Plate Foot Step Asaly Cet No.R11	PL NO.33503746, 33540755, 33509440, 33555722, 33501415 33502018, 33594442, 336996948, 33599591, 33500320, 33592762, 35684703, 305952508, 33690200, 33500575, 42020219, 35582305, 33501520, 29180053 29120238, 31981112	As per Indian Railway Urg.nc./Spec.1901351.MCF_MLE64102 1286596 VER.CO. UW41106, 1503759 VER. 03, 1903699 VER.02, 3 11012.0 89.395.001, 1268397 VER-COR, 1566176 VER.07, MPLPCIALLPCEA VERSION 2, MP13UFPCAR VERSION 2, MP13UFPCAR VERSION 2, MP13UFPCAR VERSION 2, MP13UFPCAR, 1013.0-20.095.102, 1901352 VER.01, EDML125, REV-2, 4 10113.0-21,000.109, 1268398 VER.	0.36 MT CF
25	Plate, Mounting Plate, Stor, Plate, Baffie plate, Side Wear Plate, Dottom Wear Plate, Base Plate, Plate Asm Platform Asin, Protection Plate Assly, Cat No	PL NO 29170990,20170998,17031862	As per Incian Reliway Drg No./Specs.10062239. 11121014. 11121002 10843219. 10532632 10643771, 10634526. 10843220 10633930, 10635205 10534056. 10534056. 105340104. 11922126. 8424680. 8522752. TPL - 2757. TPL - 2750, 8424680. LG10175. TPL-3373. TPL-9101, 17030985. 822V34831. 11633432. 1153158. DMW/SK-939. NDLA/FR-103. NDLA/FR-105. 11691347. 11691335	0.74 M T DF
29	Mambar, Cross Member, Horizontel Mambar, Set of Horizontal Member For LHB Power Car Coach, Set of Bracket & Member Complete For LHB	PL No.33553658, 33554481, 33552890, 33554466, 33690133, 33880548, 33600534, 33850558, 33901162, 336800534, 33890546, 33690142, 33091162, 33090558, 33554717, 33890297, 33555795, 335553841, 335553841, 33555771, 33554900, 33555783, 33555748, 33554456, 335554481	As per Indian Railway Drg No./Specs.2 10113.1.03.100.176.2 10113.1.03.100.176.2 10113.1.03.100.175.2 10113.1.03.100.175.LE14185. MLE14135.LE14185.LE14185. MLE14135.LE14185.LE14185. MLE14125.MPOOCHMPCAR VERSION 3. MPC9HMRPCAR VERSION 3. MPPCI HEASGSCN VERSION 3. MPPCI HEASGSCN VERSION 3. MPPCI HEASGSCN VERSION 1.2 10113.0.03.100.110. MPL0HMEMAC2T VERSION 0 MPL0HMEMAC2T VERSION 7.2 10113.1.03.100.175.2 10113.0.03.100.130	0.41 M.T.OF
30	Pad For Secondary Suspension, Blind	PL NO 33503023, 29170058, 29612822,29612650		0.95 M.† OF

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	RH), Set of Cable Tray	Carlor	As per Indian Reliway Org.no./Spec.1903149 VER. a. Spec.17 477	En al
1	Screen & Screen Assly: (Slock Adjuster, Spacer, Shield & Shield Asm, Shield Asm, Kit Wind Screen Assly	PL NO. 17046231, 17981169, 18646659, 20170291, 29196363 SIORE DETAILS CE	As per Indian Raliwsy Specification/Drg No. 17034830.10633619 10633646, 10633616 10532013, 10633647, 10632356 10633547, 10833621, 10632367, 10633549, 10633622, 10633814, 10532815, 10633549, 10633622, 10633814, 10532815, 1063456, 10644757, 10634440, 10633822, 10532136 ,8389628, 10633571, 9555348,	1 M.T.OR
2	M.S. Step Complete Cheo, Plata, AL Chequered Plates Cer No., AI, Pressed Sec	PLINC: 33555722 ,29170618 , 229170783	As per indian Railway Drg No. (Spocs. LW41106 , IS 3502	E 28 M.T.OR
33	Step. Step Asm, Lactor Step App, Plot Stap, Step Asm For Dac, Step Asm LH, Step Apl All Types	PL NO.17081014, 17030031, 17031618, 17030997, 17031000, 17030353, 17030065, GM PT NO, 10664222, GM PT NO, 40018868, 40018918, 17020396, 17020364, 17020372, 17021145, 17022561, 17022598, 11532968, 32611056	As per Indian Ralway Drg no /Spac. GM PT NO. 10634222, GM PT ND. 40018858, 40018818, 17020396, 17020372, 17021145, 17022551, 17022379, 11532968, 33511050	2.5 M.TOR
34	Bogle Frame Asm. For Air Soring Type, Bogle Frame Asm. For Generator Ven Side, Bogle Frame For LHB Coechas, Door Frame Set of Bogle Frame Set of Bogle Frame Set of Bogle Frames For LHB Fower Car Coechee, Under Frame Complete With Bio Tank Arm, Set of Frame Part Complete With Bio Tank Arm, Set of Frame Part Complete For LHB Panel For Door Frame Fortal For LHB Hyorid, Set of Frames For LHS Power Car Coech, Frame Part Complete For Power Car LHS Rogie Bolster For LHB Coechea, and Set of Bogle Bolster Sub Asm. Kit For Bolster Asey		As per Indian Railway Drg.m./Spec.LG00001 LW03008, LW03007, LW10163, MP1BLGF RAMEASLY VERSION 1, MPDFRAMELWSCN. MPUF RAMELW3, MP09FCW VERSION 0, LE43103, LE43106, MPFMPOLHBF VERSION 2, LP10111	9.67 M.T.OR
35	Door Ang. (RH & LH	 FL NO. 33666203, LW10180, 33585624, 33565995, 33586021, 33565156 33565417, 33565168, 33585983, 33585247, 33566318, 33586124, 33585140, 33595550, 33586914, 33565302, 335665417, 33565880, 	LH58122 LW56424 MPDDCULHB	0.48 MT C ²

			Sr. 1	vo.13
	Entrance Door Astn. (RH & LH)	33095197	17045241, 17045253, 17047602, 17044790, 10636974, MP11DORPCAR VERSION 0, MPLAVLHBSIDE VERSION 0	
	For Non AO. Entrance			
	FLP V	STORE DETAILS CE	RIFICALE	
	Levelory Door Asm. For (RH & LH), Set	and the second se	Summer and States	
	Of Door Cut Complete	Contraction of the summer of the light	and the second sec	
	For LHB Coaches, Sliding	and the second se		
	Door (LH & RH) Along	State of the second second second	Contraction of the second s	
	with Mounting Arra. Panel For Door	Contraction and the second second	Contained States	
	Frame Portal For LHB	A CARACTER AND A CARACTER	Construction of the second sec	
	Hybrid, Door Guidance For	and the second	Construction of the local division of the lo	
	Covering, Set of Door	and the second		
	Cutout Complete For Power Car LHB		Company of the second second	
	Lav. Side Wall Set For	Company of the Shire of	and the second second	
	Coaches Side Wall Panel			
39	Partition Frame Set		As per Indian Railway Drg.no./Spec.MPLHCPF3ACEGLHB	.38 M T OR
	For LHB (GS Coach, Padition Frame Sot For LHB (GS Son	32674054 33592792 .33551321	VERSION 13. MPPFEGSWS VERSION 11.	
	(EOG) Coach, Pillar (Asm, For Partition,	Sector Provide Sector Sector Sector	MPPESCNLSH VERSION 11. MPPESCNLER VERSION 7. LW10117.	
	Horey comb Partition	State of the second second second	MPPF5CN_FR VERSION 7	
	Frame Set For AU3	State of the second first		
	parition & Parition Frame(AI Type) ;	Contract of the second second	Sector Sector	
	Mounting Frame (Locomotives Parts,		Constant of the second	
	Railwey Bogle / Wagon Nes) ,			
37	Horizontal	PL NO. 30691022, 33691216, 33890972, 33691095 . 33662276	As per Indian Railway Drg.no./5993. LS14119, LG14107, LG14108	C.21 M.T O
	Softener, Supply And Application		and the second second	
30	Retention Tank (RH & LH)	0/9810502 33504179.	As per indian Railway Drg no./Spec. Mi006418, Mi005711, Mi005710	C.C.M.TOR
	P- Trap With Ball Valve,	30531130, 33524770, 33815718, 33615640 33615539	3-5-3-130, RDSO DRG. ND.CG-16053, CG-14053, MI006501.	
	IR-DRDO Bio Digester		1.563108 (MI005511,MI005610, MI005854 (MI005858,MI006102	
	Retention Tank For LHB, Bis Toilet/ Bio			
	Digester & Its Accessories,			
	Relention Tank & Its Accessories (Al		and the second second second	
	Type: Retention Tank for			-
	Ritro fitment / GS Cosches		5	ustries Co
	Locomotive		13/1.	II X

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	Parts, Railway Dogie/ Wagon Neci	and the second second second second		0.40.147.00
8	Steeve (Locomotive Parts Reitway Bogie/ Wagon Nec), Set Of Bus Bar CLW/FS/03, Complete Partel	M5628310183,	As per Indian Relivey Drg.no./Spoc. MD/C 933-66207D ERTIFICATE	DAYM, I OR
G	Al Composite Levatory	PL NO 35082358, 33593450, 39840305, 33595197, 33892962, 33593140 33593553, 33593832, 33835419,	As per Indian Raiway Drg.no./Spec MPLALPLVA.RRM VERSION 1, MPLCEPGRPCAR VERSION 4, MPLSWP2TEL VERSION 22, MPLSWP3TEL VERSION 15, LE43108, LE43108, MPLSSCPLWG3 VERSION 1, CC72172	GAN. TOR
1	S S Fabrication tams Components (Locomotive Parts, Relitivey Bogiev Vasion Nec) Components of Ceneral Arg1.	Pt NO. 33597571,33597625-29470092	As per Indian Raiway Drg.no /Spec MPLSMSAL2ACEA VER.06 MPLSMSALPCEA VER. 16	3.33 M T OR
42	Pillar & Pillar Asm All Types Eody Pillar (RH & LH), Cowsning For Door Pillar, Part Pillar Asm, Body Pillar For LHB CS Coach, Pillar Asm, For Partition, Set of Ritar & Horizontal Member For LHB Stiffner Meinber, Pillar, Pillar Asm (All Type), Ring Complete Stiffner	PL.NC.335655461, 33556957, 3991204, 33890044, 33581617, 33560501, 23690509, 33680081, 33580078, 33590060, 33890086, 33691150, 33574005, 33600492, 33690121, 33574716, 33574728, 33570764, 32574522, 33573890, 33655795, 33660662, 33566378, 33057783, 33691095, 33603972, 33891204, 33890601, 33570784, 33691095, 33603972, 33891216, 33890601, 33570784, 33690972, 33631216	As per Indian Balway Dig.no./Spec.LG14277, LG14276 LG14149, LG14150, LS42114, LS81128, LW14111, LW14110, LW14123, LW14122, LW14114, LW14143, 2 10113, 0.20, 112, 101, LW14143, 2 10113, 0.20, 112, 101, LW14143, 2 10113, 0.20, 112, 101, LW14143, 2 10113, 0.20, 112, 101, LW1413, LW14112, 10113, 1.20, 112, 120, 2 10113, 0.20, 112, 100, 2 10113, 1, 20, 112, 121, LW10216, LW10117, MPPCLHBASGSCN VERSION 1, MPAC3TPILLAR VERSION 1, 2 10113, 1, 20, 112, 124, 2 10113, 1, 20, 112, 123, LW14122, LW14110, LW14212 2 10113, 1, 20, 112, 101, MPC91MEMACCC VERSION 0, MPEPLHBASGSC/N VERSION 2, LS01129, 210113, 1, 20, 112, 121	
43	Cah Structure, Cab Structure (G) (Ecomotive Parts, Beilway Bogio/Wagon Nec) Long Hood, Long Hood, Asth. Retsiner(All Type) (Locomotive Parts, Rathway Bogio/Wagon Noc), Cab Assiy Complete For WAP/WDG	17047788 ,17040049, 29170953	As per Indian Railway Drg.no./Spec MP17RCCFLST VERSION 0. 2 10113.0.20.113.122, 2 10113.0.20.113.133 LG18133, MPROOFLHB	
64	Roal Complete For AC3 Tier (LWACCN) LHB	PL NO. 33993864, 33390358, 33691174, 33557561, 33699790	As per Indian Relivey Drg.nd /Spec. 33980664, 33690388, 33691174, 33667561, 33690780	0.54 M.T.OF
	Roof Complete For AC3	33690790	33990664, 33690388, 33691174, 33667561, 33690790	CS4 MIT (

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	Ventilator Airg., Set Of Roof Elements For LHB Coaches,		包括法院	
45	Set of Fabricated Asm For L2ACEA Ceach. Set of Fabriceted Asm. For L3ACEA Cosch. Set Of Fabricated Asm. For LPCEA Coach.	PENO 33597574, 33507625, 33597595 STATLS C	As per Indian Baiway Drg.no./Spec MRESINSAL2AGEA VERSION 16 MPLSMSAL3ACEA VERSION 6, MPLSMSALPCEA VERSION 16	2.71MT OR
46	Lateral Bump Stop. Layout Lettering Inside For LHB AC 3Tier	PL ND 32500046, 33592275, 33592330, 33585230	As per Indian Railway Drg.no./Spec C53 973 REB BRED 8374 REV.02, LE64010, US84006 1 11012.0.11 400.001	0.25 M.T OR
47	Center Plvot Asm. Filb ,	PL NO 33980093,33550082, 33691228 3369036	As per Indian Railway Drg no/Spec 12653/1 VER-04R,3 10113.1 03.100.109	6 17 M.T CR
45	Runoff Set of Control Arms (Finished) For LHB Bogie, Set of Console (Finished Machine) For LHB Coaches	PL NO: 33550256, 33503969	As per Indian Railway Drg no./Spes. MPLCONSOLELHB VERSION 2, MPLGCONFINLHB VERSION 0, MDTS/241, Rev-N	C.B M T OR
49	Neck Assily Roof. Roof Flange, CBC Coupler, Operating Handle CBC	PL NO. 17050613,33891174,33691174.	As per Indian Railway Brg.no./Spec RDS0/2018/EL/MS0454, END PT NO 9023491	8.5 M.T OR
50	Shim, Shim, Shim Coli, Adjusting Shim For Body Support For Fist Bogie	PL NO. 33503758, 00890169,17140341,17140987	As per Indian Railway Drg.no /Soec 1267474 Ver. 01, 3 10113.0 76 095.075	18 МТОК
51	Set of Seat And Berth For LHB SCN FOG Coaches	PL NO 33600260, 33600193	As per Indian Rollway Drg no./Spec. MPLSBLWSCN VERSION 8, MPLSBLGSASP VERSION 4	0.45 M.T

Comments / Note (Optional):

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MANUFACTURE OF "VIMPA" MAKE FLEXIBLE PIPE COUPLING, REPAIR CLAMPS, DISMANTLING JOINTS, DIESEL AND ELECTRIC LOCO, COACH, WAGON AND POWER PLANT, SPARE OF MILD STEEL AND STAINLESS STEEL LIKE BIOTOILET INVOLVING FABRICATION, MACHINING & SHEET METAL AND SPARES FOR TUBEWELL AND IRRIGATION PROJECTS

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- 1. Fulfilled are requirement as per implemented of suggested standards
- 2. The certificate remains valid until the manufacturing / supplying conditions are changed.
- 3. The certificate validity is conditioned by positive results or surveillance audits.
- 4. After fulfilling the relevant Standard testing performance,

the supplier service shall affix to each device, of the referenced models.

The compliance as shown above can be used, under the responsibility of the manufacturer / supplier, after completion of a Declaration of conformity and compliance with all relevant Standard requirements. The statement is based on a single evaluation of one sample of above-mentioned product service. It does not imply an assessment of the whole production service.

Certificate Number: UO-2487

Validity of this certificate can be verified at www.ukglobal.uk

Initial registration date : 16/01/2023

1st surveillance on or before : 15/01/2024

2nd surveillance on or before : 15/01/2025

Authorised Signatory

(UKGlobal Certification & Inspection Limited)





Issue date : 16/01/2023

Valid until: 15/01/2026

This certificate is the property of UKGlobal Certification & Inspection Limited and shall be returned immediately on request. 71-75 Shelton Street Covent Garden London United Kingdom WC2H9JQ Website : www. ukglobal.uk, enquiries@ukglobal.uk

Company No.118478