



Bharat Heavy Electricals Limited- Trichy  
QA/Piping

List of Raw material Manufacturer approved by NTPC for Piping Fabrication  
with Vendor material

QCP : 17  
Rev : 06  
Date : 24.11.2025

| Sl                                                                | Vendor Name                                                       | Location               | Material                                                                                                                                                                                                                                                                                                                                                    | Remarks |
|-------------------------------------------------------------------|-------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| <b>A) PIPES (Seamless) : CS - Carbon steel ; AS - Alloy steel</b> |                                                                   |                        |                                                                                                                                                                                                                                                                                                                                                             |         |
| 1                                                                 | ARCELORMITTAL TUBULAR PRODUCTS ROMAN S.A                          | ROMANIA                | CS                                                                                                                                                                                                                                                                                                                                                          |         |
| 2                                                                 | BHEL SSTP                                                         | TRICHY                 | CS                                                                                                                                                                                                                                                                                                                                                          |         |
| 3                                                                 | BENTELER STEEL/TUBE GMBH                                          | GERMANY                | OD UPTO160 MM FOR P-11, P-22, P-91, P-92                                                                                                                                                                                                                                                                                                                    |         |
| 4                                                                 | Forgiatura Morandini S.R.L                                        | ITALY                  | CS & AS P-11, P-22, P-91 & P-92                                                                                                                                                                                                                                                                                                                             |         |
| 5                                                                 | Franchini Acciai S. p. A                                          | ITALY                  | CS & AS P-12, P-22, P-91,P-92                                                                                                                                                                                                                                                                                                                               |         |
| 6                                                                 | HMTL                                                              | INDIA                  | CS (HFS & CDS)<br>127mm OD X 21mm thickness<br><br>AS up to grade 22 (HFS & CDS) 127mm OD X 21mm thickness<br><br>SA 335 P91 CDS & HFS:<br>OD76.2-127mm & WT 3.5-21mm                                                                                                                                                                                       |         |
| 7                                                                 | IBF S.P.A                                                         | ITALY                  | CS & AS P-11, P-22, P-91 & P-92                                                                                                                                                                                                                                                                                                                             |         |
| 8                                                                 | M/s Kirlskar Ferrous Industries Ltd.<br>(Erstwhile M/s. ISMT Ltd) | Baramathi / Ahmednagar | CS & AS upto Gr. 22<br>HOT FINISHED:<br>OD: 38.0 MM TO 273.0 MM WT: 3.5 MM TO 40.0 MM<br>COLD FINISHED<br>OD: 18.0 MM TO 140.0 MM WT: 1.5 MM TO 15.0 MM                                                                                                                                                                                                     |         |
| 9                                                                 | JFE STEEL CORPORATION                                             | JAPAN                  | CS & AS P-11, P-22, P-91 & P-92                                                                                                                                                                                                                                                                                                                             |         |
| 10                                                                | JINDAL SAW LIMITED                                                | NASHIK                 | CS & AS upto Gr. 22, SS<br>HOT FINISHED<br>OD: 33.4 MM TO 168.3 MM WT: 3.5 MM TO 21.95 MM;<br>For CS only - OD: 33.4 MM TO 219.1 MM WT: 3.5 MM TO 14.2 MM<br><br>COLD FINISHED<br>OD: 6.0 MM TO 140.0 MM WT: 0.8 MM TO 15.0 MM                                                                                                                              |         |
| 11                                                                | MAHARASHTRA SEAMLESS LTD                                          | RAIGAD                 | CS<br>HOT FINISHED<br>OD:219.1 MM TO 355.6 MM WT: 6.35 MM TO 35.1 MM<br>COLD FINISHED<br>OD:19.0 MM TO 88.9 MM WT: 1.0 MM TO 12.0 MM                                                                                                                                                                                                                        |         |
| 12                                                                | MAHARASHTRA SEAMLESS LTD                                          | MANGOAN, RAIGARH       | AS upto P-22<br>OD 21 MM TO 168.30MM & WALL THK 2.4MM TO 22MM                                                                                                                                                                                                                                                                                               |         |
| 13                                                                | NIPPON STEEL & SUMITOMO METAL CORPORATION                         | JAPAN                  | CS & AS P-11, P-22, P-91 & P-92                                                                                                                                                                                                                                                                                                                             |         |
| 14                                                                | OFAR S.P.A (Visano plant & Cividale Plant )                       | ITALY                  | SA106GRB/C<br>Dia 273 mm to 1016 mm<br>Thickness 35 mm to 124 mm<br><br>SA335P12<br>Dia 168.3 mm to 558.8 mm<br>Thickness 35 mm to 85 mm<br><br>SA335P22<br>Dia 323.9 mm to 1016 mm<br>Thickness 22 mm to 89 mm<br><br>SA335P91<br>Dia 127 mm to 813 mm<br>Thickness 18 mm to 100 mm<br><br>SA335P92<br>Dia 168.3 mm to 813 mm<br>Thickness 33 mm to 108 mm |         |
| 15                                                                | REMI METALS GUJARAT LTD                                           | BHARUCH                | CS & AS upto Gr. 22                                                                                                                                                                                                                                                                                                                                         |         |

|                  |                                                                         | Bharat Heavy Electricals Limited- Trichy<br>QA/Piping |                                                                                                                                                                                                                                                                                                                                                                       | QCP : 17<br>Rev : 06<br>Date : 24.11.2025                                                                                                                                                                                                              |
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| List of Raw material Manufacturer approved by NTPC for Piping Fabrication<br>with Vendor material |                                                                         |                                                       |                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
| SI                                                                                                | Vendor Name                                                             | Location                                              | Material                                                                                                                                                                                                                                                                                                                                                              | Remarks                                                                                                                                                                                                                                                |
| 16                                                                                                | RINGMILL SPA                                                            | ITALY                                                 | CS OD UP TO 914 MM & WT<br>UP TO 102 MM ; AS UPTO P-91;<br><br>SA335P92<br>OD 168.3 mm to 812.8 mm<br>Thickness 35 mm to 108 mm                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
| 17                                                                                                | TENNARIS GLOBAL SA, URUGUAY                                             | NKK TUBES, ITALY                                      | CS & AS P-11, P-22, P-91                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                        |
| 18                                                                                                | TENNARIS GLOBAL SERVICES SA, URUGUAY                                    | NKK TUBES, JAPAN                                      | CS & AS P-11, P-22, P-91                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                        |
| 19                                                                                                | TENNARIS GLOBAL SERVICES SA, URUGUAY                                    | DALMINE, ITALY                                        | CS & AS P-11, P-22, P-91                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                        |
| 20                                                                                                | TENNARIS GLOBAL SERVICES SA, URUGUAY                                    | SILCO, ROMANIA                                        | Dia upto 159 mm for CS,AS,P-11, P-22, P-91                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                        |
| 21                                                                                                | TUBACEX                                                                 | SPAIN                                                 | SS                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                        |
| 22                                                                                                | Tubos Reunidos Group SLU, SPAIN<br>(TRG Producto Mill & TRG Tubos Mill) | SPAIN                                                 | CS & AS P-11, P-22, P-91<br>For P-92 pipes:<br>Dia 168.3 mm to 813 mm<br>Thickness 33 mm to 108 mm                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                        |
| 23                                                                                                | VALCONVY TRUB CHOMUTOV,                                                 | CZECH REPUBLIC                                        | CS & P-12 & P-22                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                        |
| 24                                                                                                | VALLOUREC & MANNESMANN TUBES                                            | FRANCE,GERMANY                                        | CS & AS P-11, P-22, P-91,P-92                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                        |
| 25                                                                                                | WAYMAN GORDAN                                                           | USA                                                   | CS & AS P-11, P-22, P-91,P-92                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                        |
| 26                                                                                                | HENGYANG VALIN STEEL TUBE Co. LTD.                                      | China*                                                | CS & AS P-12, P-22, P-91                                                                                                                                                                                                                                                                                                                                              | * For CHINA Vendors, BHEL/sub-vendor shall comply all the contract provisions/conditions and GOI regulations including policies on the procurement from countries sharing land border with India and public procurement (preference to Make in India). |
| 27                                                                                                | VALLOUREC CHANGZHOU CO. LTD                                             | China*                                                | For sizes upto ID 540 mm and thickness 120 mm -<br>CS & AS P-11, P-22, P-91,P-92                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                        |
| 28                                                                                                | YANGZHOU CHENGDE STEEL PIPE CO. LTD.                                    | China*                                                | CS & AS P-11, P-22, P-91,P-92                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                        |
| 29                                                                                                | YANGZHOU LONTRIN STEEL TUBE CO. LTD.                                    | China*                                                | CS & AS P-11, P-22, P-91,P-92                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                        |
| 30                                                                                                | ZHEJIANG GROSS SEAMLESS STEEL                                           | China*                                                | CS & AS P-11, P-22, P-91                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                        |
| 31                                                                                                | JIANGSU CHENGDE STEEL TUBE SHARE CO.LTD                                 | China*                                                | For sizes upto OD 219.1 mm - CS & AS P-11, P-22, P-91,P-92                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                        |
| 32                                                                                                | BAOSHAN IRON & STEEL CO LTD PRECISION STEEL TUBE FACTORY                | China*                                                | CS-SCHEDULED PIPE UPTO OD 88.9 mm                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                        |
| B) FITTINGS (GRADE 91/92)                                                                         |                                                                         |                                                       |                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
| 1                                                                                                 | ALLIED INT. (TACTUBI RACCORDI SPA, VIA ROMA 150, 29027 PODENZANO)       | ITALY                                                 | Formed Fittings (Elbows, Tees, Reducers etc.) - 91 &92 Grade                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                        |
| 2                                                                                                 | BASSI LUIGI SPA                                                         | ITALY                                                 | P-91 FORGED/WELDED                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                        |
| 3                                                                                                 | BGH EDELSTAHL SIEGEN GMBH                                               | GERMANY                                               | MANUFACTURE AND SUPPLY OF FORGED FITTINGS OF CS, AS AND SS GRADES                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                        |
| 4                                                                                                 | BHARAT FORGE                                                            | PUNE                                                  | GRADE 92 FORGED FITTINGS (REDUCERS, TEES & YPIECES)<br>Seamless Forged Fittings (Hemispherical Dished Ends) of SA234 WP91                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                        |
| 5                                                                                                 | BOKOYOUNG METAL CO.                                                     | SOUTH KOREA                                           | FORGED FITTINGS AS PER SA-182 F92 GRADE (REDUCERS, NOZZLE, HALF COUPLING ETC.)                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                        |
| 6                                                                                                 | BRUCK STRASSE 16 ENSHEIM                                                | GERMANY                                               | P-91 FORGED/WELDED                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                        |
| 7                                                                                                 | CHW FORGE                                                               | GHAZIABAD                                             | Grade 91 fittings like<br>Reducers(250/219.1dia,35/61thk/max),<br>Nozzles(360dia/90thk/max),<br>DeSH Nozzle Holders (94dia/max),<br>DeSH Pos. Rods (97.1dia/max),<br>DeSH Pos. Sup. Bolts (50dia/max),<br>DeSH Pos. Rings (70dia/20thk/max)<br><br>Forged Fittings( Hemispherical Dished Ends) of Gr 91<br><br>Forged Fitting Gr. 91/92 upto size Dia 711 X WT 146 mm |                                                                                                                                                                                                                                                        |



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|----|---------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8  | DEE DEVELOPMENT ENGINEERS LTD   | Faridabad   | <p>Formed Fittings - Gr. 91<br/>A. Elbow – 38"<br/>B. Tee – 38"<br/>C. Reducer – 30"<br/>D. End Cap- 12"</p> <p>Formed Fittings - Gr. 92<br/>A. Elbow – up to ID 630 mm<br/>B. Tee – up to DN 750 mm<br/>C. Reducer – up to DN 850 mm<br/>D. Cap- up to DN 630 mm</p> <p>Forged Fittings (only machining and testing at M/s. Dee Development) up to F91 grade and up to OD 2"</p> |                                                                                                                                                                                                                                                        |
| 9  | ERNE FITTINGS GMBH              | AUSTRIA     | P-91 FORMED                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
| 10 | FLASH FORGE PVT LTD             | Vizag       | <p>Gr. P91 FORMED/FORGED UPTO<br/>Elbows - Upto 610 OD &amp; THICK 100 MM<br/>Reducers - Upto 610 OD &amp; THICK 80 MM<br/>Tees - Upto 610 OD &amp; THICK 106 MM<br/>Dished Ends - Upto 762 OD &amp; THICK 91 MM</p>                                                                                                                                                              |                                                                                                                                                                                                                                                        |
| 11 | Forge Monchieri spa             | Italy       | Grade 91 forgings<br>(hollow forgings/matching piece 508 mm OD X 121 mm thickness, stubs with OD 245 mm and flanges up to 100 NB)                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                        |
| 12 | FORGITAL                        | ITALY       | MANUFACTURING AND SUPPLY OF GRADE 91 FORGINGS (HOLLOW FORGINGS/MATCHING PIECES WITH 508MM DIA X 75MM THICKNESS STUBS WITH OD 245MM.                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                        |
| 13 | FORGIATURA MORANDINI SRL        | ITALY       | GRADE 92 FORGED FITTINGS(REducers, TEES & Y PIECES)                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                        |
| 14 | GAM RACCORDI SPA                | ITALY       | P-91 FORMED                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
| 15 | Goodluck Engineering Co.        | Dadri       | Forged Fittings (91/92 grade)                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                        |
| 16 | GUJARAT INFRAPIPES PVT. LTD.,   | BARODA      | <p>1. formed fittings Gr.91<br/>Tee/Elbow/Reducer –OD up to 600 mm and thickness up to 38 mm</p> <p>2. Seamless formed fittings Gr.92<br/>A. Elbow OD813x90mm,<br/>B. Tee: OD864x93mm<br/>C. Reducer: OD914x135mm</p>                                                                                                                                                             |                                                                                                                                                                                                                                                        |
| 17 | IBF SPA                         | ITALY       | FORMED AND FORGED FITTINGS/P92 GRADE                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                        |
| 18 | K. S. PIPE FITTINGS PVT.LTD     | FARIDABAD.  | <p>Formed Fittings - SA 234WP91 Type-I<br/>1. Elbow sizes up to 32" (813 mm) OD of thickness 80 mm.<br/>2. Reducers up to 32" (813 mm) OD of thickness 40 mm<br/>3. Tee up to 22" (559 mm) OD of thickness 85 mm</p>                                                                                                                                                              |                                                                                                                                                                                                                                                        |
| 19 | MEGA SPA                        | ITALY       | 92 GRADE FITTINGS (FORGED)                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                        |
| 20 | Metal Forgings Pvt. Ltd.        | New Delhi   | FORGING OF CS/SS/ AS UPTO F91 & WEIGHT UPTO 2TON.                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                        |
| 21 | PETROL RACCORD SPA              | ITALY       | FORMED AND FORGED FITTINGS 91/92 GRADE                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                        |
| 22 | SUNGKWANG BEND CO LTD           | SOUTH KOREA | FITTINGS OF P91 AND OF MATERIAL OTHER THAN P91 OF BOILER                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                        |
| 23 | SHANGHAI CHANGQIANG INDUSTRIAL  | SHANGHAI *  | <p>GRADE 92 FORGED FITTINGS (REDUCERS, TEES &amp; YPIECES)</p> <p>GRADE 91 FORGED FITTINGS (ELBOWS AND DISHED ENDS)</p>                                                                                                                                                                                                                                                           | * For CHINA Vendors, BHEL/sub-vendor shall comply all the contract provisions/conditions and GOI regulations including policies on the procurement from countries sharing land border with India and public procurement (preference to Make in India). |
| 24 | Tianjin Jinding Piping Co. Ltd. | China *     | FORMED FITTINGS (ELBOW, TEES, REDUCERS) OF 91 GRADE.                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                        |
| 25 | TECHNO FORGE SPA                | ITALY       | P-91 FORMED                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |



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| 26 | TF TECH CO. LTD | SOUTH KOREA | FORGED FITTINGS AS PER SA-182 F92 GRADE (REDUCERS, NOZZLE, HALF COUPLING ETC.) |         |
| 27 | TK CORPN.       | SOUTH KOREA | FORMED FITTINGS (ELBOW, TEES, REDUCERS ETC.) OF 92 GRADE.                      |         |
| 28 | VIAR SPA        | ITALY       | SEAMLESS FORGED Y-PIECE UP TO GRADE 91                                         |         |

**C) PIPES (Welded): SA 672 , SA 691**

|   |                                 |                   |                                                                                                                                                  |  |
|---|---------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1 | LALIT PIPES AND PIPES LIMITED   | Thane             | A672 (Max. OD 1626 mm X Thk 16mm)<br>A691 (Max. OD 1626 mm X Thk 16mm)<br>A672 (Max. OD 1219 mm X Thk 28mm)<br>A691 (Max. OD 1219 mm X Thk 28mm) |  |
| 2 | MUKAT TANKS AND VESSELS PVT LTD | MUMBAI            | A672 (Max. OD 1829 mm X Thk 16mm)<br>A691 (Max. OD 1118 mm X Thk 28 mm)                                                                          |  |
| 3 | RATNAMANI METALS & TUBES LTD.,  | Chhatral, Gujarat | A672 (Max. OD 1219 mm X Thk 28mm)<br>A691 (Max. OD 1219 mm X Thk 28mm)                                                                           |  |
| 4 | RATNAMANI METALS & TUBES LTD.,  | Kutch, Gujarat    | A672 (Max. OD 1626 mm X Thk 16mm)<br>A691 (Max. OD 1626 mm X Thk 35mm)                                                                           |  |

Prepared By  
M. Manoj Pandi  
Manager/QA-Piping

Reviewed and Approved By  
K. Saranya  
Manager/QA-Piping