

Certificate

Quality-Assurance System for Manufacturer of Materials acc. to Directive 97/23/EC

Certificate no.: 01 202 IND/Q-11 0016

Name and address of the
manufacturer:

Sindia Steels Limited
Plot No. D 102, MIDC, Malegaon,
Sinnar Nashik – 422 103, Maharashtra, India

Herewith we certify that the material manufacturer has established and applies a Quality Management System. The system was audited according to the European Directive 97/23/EC, Annex I, Par. 4.3, with regard to the materials as listed in the scope of approval.

Tested acc. to Directive
97/23/EC:

**QM System acc. to EN 764-5, article 4.2 and
AD 2000-Merkblatt W0**

Audit report no.:

IND/Q-11 0016

Range of materials:

Manufacture of Carbon Steel, Alloy Steel, Stainless Steel Bright Bars, Round Bars, Threaded Bars, Wires & Forgings, see annex to certificate

Manufacturing plant:

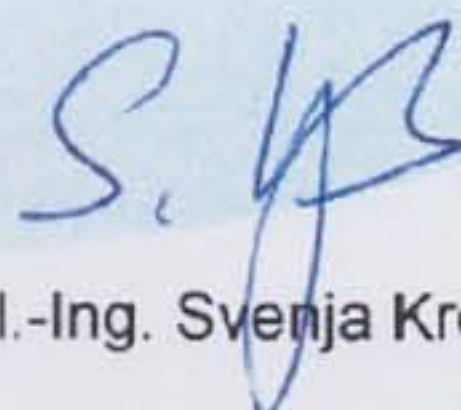
Sindia Steels Limited
Plot No. D 102, MIDC, Malegaon,
Sinnar Nashik – 422 103, Maharashtra, India

Valid until:

June 09, 2017

Cologne, June 09, 2014

Dipl.-Ing. Svenja Kreß



TÜV Rheinland-Certification Body for
Pressure Equipment
TÜV Rheinland Industrie Service GmbH
Notified Body, ID-No. 0035
Am Grauen Stein, D-51105 Köln

E-106b-Rev7


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Annex to Certificate No.: 01 202 IND/Q-11-0016
Details of the Validity of the Approval as Manufacturer of Materials in accordance to DGR 97/23/EC and AD2000-W0/TRD 100 respectively

| Manufacturer | | Work | | Nationality | Date | Page No.. | TÜV-Name /Stamp | | | |
|---|---|--|--|-------------------------|---|-----------|----------------------------|---|-----------|---|
| Company Name: Sindia Steels Limited | | Plot No. D 102, MIDC, Malegaon | | India | 10-04-2014 | 4 | TÜV Industrie Service GmbH | | | |
| Location: Plot No. D 102, MIDC, Malegaon, Sinnar,Nashik – 422 103, Maharashtra | | Sinnar,Nashik – 422 103, Maharashtra | | Rev.: 1 | of: 4 | | | | | |
| Cur- | Materials-term Materials-No. | Material Specification | Delivery Cond. * | Article Type of Product | Dimensions | | Weight max | Technical Specifications Requirements Technical Regulations | Remarks | |
| 1 | 2 | 3 | 4 | 5 | Thickness mm | Ø mm | 1=t / 2=kg | | | |
| | | | | | from to | from to | ↓ | Re sul t | | |
| | | | | | 6a | 6b | 7a | 7b | 8a | 8b |
| | | | | | | | | | 9 | 10 |
| <p>The use of the materials according to DGR 97/23/EC is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.</p> | | | | | | | | | | |
| | F 304/F304L F 316/F316L F 321 F 11/F12 F 5/ F 9 F 51 / F 22 A 105 | ASTM A 182 ASTM A 182 ASTM A 182 ASTM A 182 ASTM A 182 ASTM A 182 ASTM | L L L L L L N | Flanges | | 1" 10" | | | EN 1092-1 | A PMA by the pressure equipment manufacturer (category I/II) respectively Notified Body (III/IV) is requested |
| Remarks | * A = solution treatment and quenched L = solution treatment N = normalized S = stress relieved annealed TM = thermos mechanical treatment U = not treated | | V = quenched and tempered CR = temperature controlled rolled G = soft annealed | | a = material b = delivery condition c = article d = dimensions in tech. regulations e = weight f = No. of tech. regulation | | | | | |

**Annex to Certificate No.: 01 202 IND/Q-11-0016
 Details of the Validity of the Approval as Manufacturer of Materials in accordance to DGR 97/23/EC and AD2000-W0/TRD 100
 respectively**

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|--|---|--------------------------------------|--|----------------------------|---|-----------------------|---|---|
| Company Name: Sindia Steels Limited | | Plot No. D 102, MIDC, Malegaon | | Indian | 10-04-2014 | 2 | TÜV Industrie Service GmbH | |
| Location: Plot No. D 102, MIDC, Malegaon, Sinnar.Nashik – 422 103, Maharashtra | | Sinnar.Nashik – 422 103, Maharashtra | | | Rev.:1 | of: 4 | | |
| Cur- | Materials-term Materials-No. | Material Specification | Delivery Cond. * | Article Type of Product | Dimensions Thickness mm | Weight max 1=t / 2=kg | Technical Specifications Requirements Technical Regulations | Remarks |
| 1 | 2 | 3 | 4 | 5 | 6a 6b 7a 7b | 8a 8b | 9 | 10 |
| <p>The use of the materials according to DGR 97/23/EC is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.</p> | | | | | | | | |
| | 304 / 304L | ASTM A276 / 479 | A | Bright Bars | 3.0 | 120 | | For ASTM material grades a PMA is required |
| | 316 / 316L / 316Ti | ASTM A276 / 479 | A | Wires | 0.2 2 | 12 | | |
| | 321 | ASTM A276 / 479 | A | Treated Bars Round Bars | M 3 3 | M 52 120 | |  |
| Remarks | * A = solution treatment and quenched L = solution treatment N = normalized S = stress relieved annealed TM = thermos mechanical treatment U = not treated | | V = quenched and tempered CR = temperature controlled rolled G = soft annealed | | a = material b = delivery condition c = article d = dimensions in tech. regulations e = weight f = No. of tech. regulation | | | |