


# TÜV-Verband Welding Consumable Leaflet

## according to TÜV-Verband Technical Leaflet 1153 and DIN EN 14532

|  |    |  |   |                    |  |         |
|--|----|--|---|--------------------|--|---------|
|   |    | 1 Manufacturer/Supplier<br>VENUS WIRE Private Industries Ltd.<br>Office: 19, Raghuvanshi Mill Compound, S. B. Marg, Lower Parel<br>Plant: Khopoli, Maharashtra |   |                    | 2 Number:<br>10588.05<br>26.09.2024  |         |
|  |    |  |   |                    |  |         |
| 3 Welding consumable*:   |    | Schweißstab  |   |                    |  |         |
| 4 Trade name*:   |    | VENUS 308 L Si   |   |                    |  |         |
| 7 Type*:   |    | EN ISO 14343-A - W 19 9 L Si   |   |                    |  |         |
| 11 Diameter range:   |    | 1,0 - 3,2 mm   |   |                    |  |         |
| 12 Auxiliary materials:  |    | EN ISO 14175 - I 1   |   |                    |  |         |
| 13 The validity is certified by the appearance of the welding consumable leaflet in the welding consumables portal.  |    |  |   |                    |  |         |
| 15 Materials and postweld heat treatment   |    |  |   |                    |  |         |
| Pos  | Wb | Group / Material 1   | Text  | Group / Material 2 | Remarks  |         |
|  | U  | Gruppe 8.1 (ohne Mo)   |   |                    |  |         |
| 16 Material groups acc. to CR ISO 15608  |    |  |   |                    |  |         |
| 21 Root weldability:   |    | verified   |   |                    |  |         |
| 23 Wall thickness:   |    | max. 30mm  |   |                    |  |         |
| 24 Type of current and polarity:   |    | G-   |   |                    |  |         |
| 25 Welding position according to DIN EN ISO 6947:1997-05: PA, PB, PC, PF   |    |  |   |                    |  |         |
| 26 Highest operating temperature in the short-term range as for parent metal, but not higher than:   |    |  |   |                    |  | 400 °C  |
| 27 Highest operating temperature in the long-term range max.:  |    |  |   |                    |  | --- °C  |
| 28 Lowest operating temperature/as for parent metal, but not lower than:   |    |  |   |                    |  | -196 °C |
| 29 Design stress value/as for parent metal:  |    |  | as base material  |                    |  |         |
| 30 For use in the long-term range:   |    |  | ---   |                    |  |         |
| 31 Resistance to intergranular corrosion proven in accordance with:  |    |  | EN ISO 3651-2   |                    |  |         |
| 32 Remarks:  |    |  |   |                    |  |         |
| embossing of rods: "V 308LSI"  |    |  |   |                    |  |         |
| 33 The approval test for the welding consumable was carried out on the basis of TÜV-Verband Technical Leaflet 1153 and DIN EN 14532. If no conflicting test principles are stated under heading 32 – Remarks –, this welding consumable is suitable for use according to the Pressure Equipment Directive 2014/68/EU, Annex I Point 4. |    |  |   |                    |  |         |
| 34 Explanations  |    | A tempered<br>L solution annealed and quenched<br>N normalized   | S stress-relieved<br>St stabilized<br>U non-annealed<br>V hardened and tempered | W soft annealed    | G+ direct current plus pole<br>G- direct current minus pole<br>W alternating current |         |
| 35 Compiled in accordance with the data of:  |    |  |   | TÜV NORD           |  |         |
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