


VdTÜV-Kennblatt for welding consumables

		1 Manufacturer/Supplier VENUS WIRE Private Industries Ltd. Office: 19, Raghuvanshi Mill Compound, S. B. Marg, Lower Parel Plant: Khopoli, Maharashtra		2 No. of VdTÜV-Kennblatt: 10586.05 04.2014	
3 Welding consumable*:		Drahtelektrode			
4 Trade name*:		VENUS 307 Si			
7 Type*:		EN ISO 14343-A - G 18 8 Mn			
11 Diameter range:		0,8 bis 1,2 mm			
12 Auxiliary materials:		EN ISO 14175 - M11 - M13			
13 The validity of this Kennblatt will be certified, respectively, in the latest edition of CD-ROM TÜV-eignungsgeprüfte Schweißzusätze					
15 Materials and postweld heat treatment					
Pos	Wb	Group / Material 1	Text	Group / Material 2	Remarks
	U	Gruppe 8.1	verschweißt mit	Gruppe 1.1	
	U	Gruppe 8.1	verschweißt mit	Gruppe 1.2	
	U	Gruppe 8.1	verschweißt mit	Gruppe 1.3 (ReH max. 420 MPa)	
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 ISO 6947:		PA, PB, PC			
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:		wie Grundwerkstoff			
30 For use in the long-term range:		- - -			
31 Resistance to intergranular corrosion proven in accordance with:		EN ISO 3651-2			
32 Remarks: - - -					
33 The approval test was done on the basis of VdTÜV-Merkblatt 1153. Where nothing different is said under the heading -Remarks-, this welding consumable is suitable provided Annex I Point 4 of the Pressure Equipment Directive 97/23/EC is observed.					
34 Explanations		A tempered L solution annealed and quenched N normalized	S stress-relieved St stabilized U non-annealed V hardened and tempered	W soft annealed	G+ direct current plus pole G- direct current minus pole W alternating current
35 Compiled in accordance with the data of:		TÜV NORD - Region Essen			
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*) Statements of the manufacturer