

Annex to Certificate No.: 01 202 ZA/Q 00 0003
Details of the Validity of the Approval as Manufacturer of Materials in accordance to PED 97/23/EC



TÜV Rheinland Group

Company Name: Highveld Steel and Vanadium Corporation Limited		Manufacturer		Work		Nationality		Date		Page No.		TUV-Name /Stamp	
Location: eMalaheni, Mpumalanga		Old Pretoria Road, Portion 93 of farm Schoongezicht 308 JS, South Africa		South Africa		18/11/09		1		1		TUV Industrie Service GmbH	
Cur-Materials-term Materials-No.	Material Specification	Delivery Cond. *	Article Type of Product	Dimensions		Weight max 1=1 / 2=kg	Technical Specifications Requirements Technical Regulations	Remarks					
				Thickness mm	Ø mm				from to	from to	Result		
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>													
01	Low carbon steels	DIN 17100 DIN 17100 EN 10025 EN 10025	U,N U U,N U	Plate Coil Plate Coil	4.76 2.4 4.76 2.4	150 16 155 16	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a		PMA PMA PMA PMA	
02	Low carbon steels Low alloy steels Low alloy steels Low alloy steels	EN 10028-2, EN 10028-3 EN 10207 BS 1501	N U,N U U,N	Plate Coil Plate	4.76 2.4 4.76	100 16 150	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a		PMA PMA PMA	
<p>Remarks</p> <p>* A = solution treatment and quenched L = solution treatment N = normalized S = stress relieved annealed TM = thermos mechanical treatment U = not treated</p> <p>V = quenched and tempered CR = temperature controlled rolled G = soft annealed</p> <p>a = material b = delivery condition c = article d = dimensions in tech. regulations e = weight f = No. of tech. regulation</p>													

