

CERTIFIED MATERIAL REPORT

CMR No. : 1807233700012

Date of Issue : 2018-07-23

Customer	M.BINDT TRADING		
Trade Name	S-8018.G	Size	4.0mm*400mm
Lot No.	10000210AA8DA1	Purchaser's Order No.	-
Specification	AWS A5.5 E8018-G * According to EN 10204-2004 : 3.1 Equivalent to EN ISO 2560-A E46 2 1Ni B 3 2		

Welding Current	AC	Shielding Gas	-	Post Weld Heat Treatment (°C × hr.)	AS WELDED			
Mechanical Properties	Tensile Test			Impact Test (CVN - Joule)				
	YS(MPa)	TS(MPa)	EL(%)	Temp. (°C)	X1	X2	X3	Avg.
	582	654	27.2	-20	88	79	92	86
AWS Spec.	≥460	≥550	≥19					

Chemical Composition (%)

	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	
(Weld Metal)	0.07	0.59	1.44	0.009	0.004	0.04	0.70	0.02	0.01	0.02	
AWS Spec.	-	-	-	-	-	-	-	-	-	-	

Others

We hereby certify that the material covered by this report has been inspected in accordance with and been found to meet the applicable requirements of specification and customer's requirements.

Approved by

K.W. Park

QA Manager Park K. W.



HYUNDAI WELDING CO., LTD.

Head Office #507, Teheran-ro, Gangnam-gu, Seoul, Republic of Korea
Pohang Plant #100, Daesong-ro, Nam-gu, Pohang, Republic of Korea