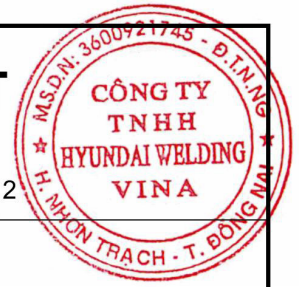




CERTIFIED MATERIAL REPORT



CMR No. : HDV – 2025 – 0261

Date of Issue : 2025 – 02 – 12

www.Quehanhyundai.com

Trade Name	S-316L.16(A)	Size	3.2 mm x 350 mm
Lot No.	248170K	Purchaser's Order No.	HWC-241113V1
Specification	AWS A5.4 E316L-16 * According to EN 10204-2004 : 3.1		
Welding Current	AC	Shielding Gas	-
		Post Weld Heat Treatment (°C×hr.)	As Welded

Mechanical Properties

Weld Metal	Tensile Test			Impact Test (CVN - Joule)				
	YS (MPa)	TS (MPa)	EL (%)	Temp. (°C)	X ₁	X ₂	X ₃	Avg.
	-	570	49.0	-	-	-	-	-
AWS Spec.	-	≥490	≥30	-				

Chemical Composition (%)

Weld Metal	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	
	0.024	0.64	0.90	0.020	0.007	0.04	11.67	19.47	2.38	
AWS Spec.	≤0.04	≤1.00	0.5 ~2.5	≤0.04	≤0.03	≤0.75	11.0 ~14.0	17.0 ~20.0	2.0 ~3.0	

Others

* Q'ty: 1,000 kg

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

QA Manager **Pham Dinh Anh Vu**

HYUNDAI WELDING VINA CO., LTD.

Road N2, Nhon Trach 5 IZ, Hiep Phuoc Ward, Nhon Trach District, Dong Nai Province, Vietnam.