

INSPECTION TEST CERTIFICATE



CUSTOMER: **MORTEZA ZAMANI**
P.O. NO.: **EXPORT INVOICE NO. 491443**

Product Name		Dimension (mm)		Lot No.		Applicable Specification and Classification		Certificate No.		Date of Issue	
PHILARC 316L		4.0 X 350		53810159		AWS A5.4: E316L-16		20-07336		October 30, 2020	
CHEMICAL COMPOSITION (%) ACCORDING TO EN10204 TYPE 3.1											
Elements	C	Si	Mn	P	S	Cr	Mo	Ni	Cu		
Specifications											
All Weld Metal	0.03	0.81	0.97	0.033	0.010	17.98	2.12	11.60	0.21		
Elements											
Specifications											
All Weld Metal											
ACCORDING TO EN10204 TYPE 2.2										remarks/notes:	
Tensile Test of Deposited Metal				Impact Test of Deposited Metal							
Yield Strength at 0.2% offset (N/mm ²)		Tensile Strength (N/mm ²)		Elongation %	Test Temp. °C	Impact Value J					
Specifications											
All Weld Metal		530		594	41	N.R	N.R				

Test results for mechanical properties, deposit or electrode composition and other properties were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application.

We hereby certify that this report is correct and that all test results are in compliance with the specification described herein.

INDUSTRIAL WELDING CORPORATION

H.B. Pelantic

Technical Department