

CERTIFICATE OF MATERIAL

* According to EN 10204:2004 (E) 3.1

Specification : ASTM A182 F316/F316L
Material Mfr. : HY-LOK FORGING CORPORATION
Customer : Aman Engineering
Project Name :

CAS No. :
Certificate No. : HD202503-1271
PO No. : PO-AEE-25-0070
POR No. : ENER PROCESS FZ- LLC
Date of issue : Mar-13-2025

HCD No	Description (Part Name)	Q'ty
HWS	Union Tee 1/2"OD(ACTA-8)	10 EA

Chemical Composition(%)

C	Si	Mn	P	S	Ni	Cr	Mo	N						
0.030 max	1.00 max	2.00 max	0.045 max	0.030 max	10.00- 15.00	16.00- 18.00	2.00- 3.00	0.10 max						
0.022	0.392	1.295	0.0326	0.0085	10.019	16.298	2.044	0.0404						

Mechanical Properties

Yield Strength MPa	Tensile Strength MPa	Elongation (%)	Reduction of Area (%)	Hardness ()
205 min	515 min	30 min	50 min	
284	577	58	78	

Remarks ISSUE No. : -
 * Visual & Dimensional Inspection : Good
 * Mechanical Tested According to ASTM A370
 * Solution Annealed
 * immediately W.C after forging (Material Heating Temperature 1150°C±50°C)
 * NACE MR0175/ISO 15156

We hereby certify that the material herein has been made and tested in accordance with the above specification and also with the requirements called for by the above order.

(Customer / Third Party)



Manager of Quality Assurance Dept.