

CERTIFICATE OF MATERIAL

* According to EN 10204:2004 (E) 3.1

Specification : ASTM A479 TYPE316/316L (STRAIN-HARDENED 2)
Material Mfr. : EZER CORP.
Customer : Aman Engineering
Project Name :

CAS No. :
Certificate No. : HD202503-1275
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
5EP	Male Female Adapter R 1 1/2-1 1/2 NPT(F)(H-MFAA-24RN)	2 EA

Chemical Composition(%)

C	Si	Mn	P	S	Ni	Cr	Mo							
0.030 max	1.00 max	2.00 max	0.045 max	0.030 max	10.00- 14.00	16.00- 18.00	2.00- 3.00							
0.018	0.36	1.77	0.028	0.020	10.52	16.63	2.02							

Mechanical Properties

Yield Strength MPa	Tensile Strength MPa	Elongation (%)	Reduction of Area (%)	Hardness ()
450 min	620 min	30 min	40 min	
586	676	38	72	

Remarks ISSUE No. : -
 * Visual & Dimensional Inspection : Good
 * Mechanical Tested According to ASTM A370
 * Grain Size Result : 5.5
 * Heat Treatment : 1050°C
 * Intergranular Corrosion Test : Good

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.