

CERTIFICATE OF MATERIAL

* According to EN 10204:2004 (E) 3.1

Specification : ASTM A479 TYPE316/316L (STRAIN-HARDENED 2)
Material Mfr. : YAMASHIN STEEL CO., INC.
Customer : Aman Engineering
Project Name :

CAS No. :
Certificate No. : HD202503-1273
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
FZQ	Male Adapter 1/2"OD-R 1/4"(CAM8-4R)	4 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							
0.013	0.21	1.67	0.035	0.027	10.03	16.07	2.67							

Mechanical Properties

Yield Strength MPa	Tensile Strength MPa	Elongation (%)	Reduction of Area (%)	Hardness ()
515 min	655 min	25 min	40 min	
681	762	38	72	

Remarks
* Visual & Dimensional Inspection : Good
* Mechanical Tested According to ASTM A370
* Grain Size Result : 5
* Solution Treatment 1060°C WQ
* Intergranular Corrosion Test : Good

ISSUE No. : -

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.