

Certificate No. 15-AGNS-1178 P

# INSPECTION CERTIFICATE

**NIPPON STEEL & SUMITOMO METAL CORPORATION**

TITANIUM & SPECIALTY STAINLESS STEEL UNIT NAOETSU WORKS  
2-12-1, MINATO-CHO, JOETSU-SHI, NIIGATA 942-8510 JAPAN

5955.22

Customer

5955

Date of Issue 2015-11-12

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Specification ASTM B265 GRADE 2 Condition & Finish BA Spec No. 12S-0320 REV. 1

No. 1 Case No. 5 Sheet Plate Unit: inch: 1.600 X 1219.0 feet: mm:space U:up 3048.0 Quantity: 37 Mass: 2,156.15VNS14 Cast No. D446580 Examination: G00D

Chemical Composition, In %

Element	Min	Max	Fe	GG	HH	TI	Other Element	Total	Other Element	Total
C	0.08	0.15	0.25	0.30	0.10	0.40	BAL			
Mn	0.00	0.001	0.14	0.07	0.10	0.40	BAL			
P	0.00	0.001	0.12	0.08	0.10	0.40	BAL			
S	0.00	0.001	0.12	0.08	0.10	0.40	BAL			

Location	Yield Strength (MPa)	Tensile Strength (MPa)	Elongation (%)	Bend Test (R=2T, 105°)
TOP	275	345	20	27G00D
MIDDLE	450	482		28G00D
BOTTOM	383	489		

Remarks: \*2 Location: T:Top M:Middle B:Bottom \*3 Orientation: T:Transversal Direction L:Longitudinal Direction

ASME SB265-13 GRADE 2  
HMA5824  
Heat Treatment: No hereby certify that the material described herein has been made in accordance with the rules of the contract.  
Head of Dept. Quality System Planning Dept. KAZUHIRO ARAI

Surveyor to  
*K. Arai*