



Specialty Rolled Products

500 Green Street
Washington, PA 15301

Certificate of Test

Mill Information

Cert Number 0291203-00
Sales Order 50-036-333
Cert Date May-28-2026

Customer Information

Name ROLLED ALLOYS INC
PO 0245259-HOU
PO Date Mar-16-2026

Koreen DeFerrari - Sr. Manager, Quality

OMI Job#: 303735
Sold To: NIKMO INIATION
P.O.#: 2NTMPJ14
Size/Qty: 500" TX 36" W X 72"
Item: 001 HT#: 868023

Material Information

"ATI 17-4" PRECIPITATION HARDENABLE STAINLESS STEEL
PMP HOT ROLLED PLATE ANNEALED PICKLED COMMERCIAL CUT EDGE

AMS 5604K CND A/H900
S-SPEC-1, S-1000 DATED 12-16-25
UNS S17400

ASTM-A-693-24 S17400 CND A/H900
S-SPEC-35 S-400 DATED 2-18-21
ASME-SA-693-25 CND A/H900

Piece Information

	Gauge	Width	Length					Total Wt
Pcs	(in)	(in)	(in)	Heat #	Piece ID	Section Id	Lot #	(lbs)
Item: 001	Cust-Id: 0008516			Govt-Contract-#:		Govt-DO-Rating:		
	Cust-Job:			ScheduleB:				
1	.2500	72.0000	240.0000	868023	CJ19705	① ---	561648	1339
Item: 003	Cust-Id: 0008521			Govt-Contract-#:		Govt-DO-Rating:		
	Cust-Job:			ScheduleB:				
1	.5000	72.0000	240.0000	868023	CJ19709	② ---	561354	2600

Chemistry Testing

Element (wt %)	Requirements		Final Heat Analysis	
	Min	Max	868023	Loc
C	---	.07	.04	BN
MN	---	1.00	.51	BN
P	---	.040	.025	BN
S	---	.030	< .001	BN
SI	---	1.00	.20	BN
CR	15.00	17.50	15.38	BN
NI	3.00	5.00	4.79	BN
MO	---	.50	.21	BN
CU	3.00	5.00	3.28	BP
CB	.15	.45	.29	BN
TA	---	---	.010	TC
CBT	.15	.45	.30	---
CBC	5.00	---	7.25	---

HEAT # 868023



TRACER # 0760432US

HEAT # 868023



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N. DeFerrari

Norcen DeFerrari - Sr. Manager, Quality

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Chemistry Testing

Element (wt %)	Requirements		Final Heat Analysis	
	Min	Max	868023	Loc

ATI Flat Rolled Products performs chemical analysis by the following techniques
For testing locations TC, BN, & LO: C & S by combustion/infrared absorption per ASTM E1019; N & O by inert fusion/thermal conductivity per ASTM E1019; Mn, P, Si, Cr, Ni, Mo, Cu, Cb(Nb), Co, V, W by WDXRF per ASTM E572; Pb, Bi, Ag, Se, S by GFAA per ASTM E1184; Al and Ti ($\geq 0.10\%$) by WDXRF per ASTM E572 otherwise by OES per ASTM E1086; TA, Zn, Mg, Cd, Ce, Ca, Zr, La by ICP per ASTM E1479.

868023 - Material was produced by EF melting with AOD refining.

USA melted, poured and manufactured

Material melted at ATI SRP BRACKENRIDGE (FRPB)

FRPB - ATI SRP BRACKENRIDGE 100 RIVER ROAD BRACKENRIDGE, PA 15014

CBC = Cb / C

CAT = Cb + Ta

Mechanical Testing

		LOT 561354		LOT 561354		LOT 561648		LOT 561648	
Condition:		ANNEALED		H900		ANNEALED		H900	
Direction:		TRANSVERSE		TRANSVERSE		TRANSVERSE		TRANSVERSE	
Temperature:		ROOM TEMP		ROOM TEMP		ROOM TEMP		ROOM TEMP	
Spec:									
Test Limit	Units	Result	Loc	Result	Loc	Result	Loc	Result	Loc
HARDNESS	---	325. HBW	TC	42. HRC	TC	338. HBW	TC	44. HRC	TC
YS 0.2% OFFSET	psi	---	--	180000.	TC	---	--	185500.	TC
TENSILE	psi	---	--	197700.	TC	---	--	192900.	TC
ELONG. IN 2"	%	---	--	14.	TC	---	--	10.	TC
RED OF AREA	%	---	--	60.	TC	--	--	44.	TC

When hardness is measured using the Brinell scale, the indentation measuring device is Type A.

"H", "TH", "RH", and other heat treated values are capability test results.

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Mechanical Property Requirements

Condition:		ANNEALED		H900	
Direction:		TRANSVERSE		TRANSVERSE	
Temperature:		ROOM TEMP		ROOM TEMP	
Spec:					
Test Limit	Units	Min	Max	Min	Max
YS 0.2% OFFSET	psi	---	---	170000.	---
TENSILE	psi	---	---	190000.	---
ELONG. IN 2"	%	---	---	10.	---
RED OF AREA	%	---	---	35.	---
HARDNESS	---	---	352. HBW	40. HRC	47. HRC

Metallography - General

Ferrite <= 5% per periodic test requirement.

Certification Statements

Grade verification was performed spectroscopically.

EN 10204:2005 - 3.1 Certificate does not imply that material is an approved PED grade. For a complete listing of approved PED grades, visit our website at www.atimaterials.com.

The product was solution heat treated at 1900F (1038C) for a time commensurate with thickness and heating equipment and procedure used, and cooled to below 90F (32C).

ATI Specialty Rolled Products has complied with all producer requirements of AS6279.

ATI Specialty Rolled Products does not use mercury in the testing or production of its products.

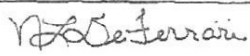
No welds/weld repairs performed.

Material tested at ATI Specialty Rolled Products GEAE S400 approved facilities (T1225): Natrona Heights, PA; Brackenridge, PA.

ATI Specialty Rolled Products holds several Quality and Laboratory Certifications that include ISO-9001, AS9100, AD 2000-Merkblatt W0, EU Pressure Equipment Directive 14/68/EU, Nadcap, ISO/IEC 17025, GEAE S400(T1225 & T9317), GEAE S-1000. Refer to www.ATIMaterials.com to access the current ATI SRP quality certifications.

The following test methods are used by the listed lab: ASTM E8 for all specimens for yield, tensile, and elongation except ISO 6892-1 for 80mm specimens; ASTM E290 for bend; ASTM E112 for grain size; ASTM E10, E18, E92, & E384 for hardness; ASME B46.1 Section 3 for surface roughness; AMS 2750 for laboratory heat treatment; ASTM E139 for stress rupture; ASTM E29 for rounding; ASTM E3 and E407 for metallographic preparation and etching; AMS 2315 for delta ferrite% and austenite-ferrite ratio; ASTM E21 for elevated temperature testing.

ATI SRP products have not come in contact with radioactive materials during manufacturing or processing.

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Certification Statements

This Certified Material Test Report is a true representation of the data on file. The reported results conform to the sales contract and specification(s) as set forth in ATI Specialty Rolled Products order acknowledgement. This Certificate of Test may not be reproduced except in full without the written authorization of the company.

EN 10204:2005 3.1 certificate.

General Statements

The Finishing Location for ALL PIECES is ATI-SRP
The Shipping Location is ATI-SRP WASHINGTON, PA

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS

- BN = ATI SRP Brackenridge; 100 River Road; Brackenridge, PA 15014
- BP = ATI SRP Brackenridge; 100 River Road; Brackenridge, PA 15014
- TC = ATI SRP Natrona Heights; 1300 Pacific Avenue; Natrona Heights, PA 15065

Knowingly and willfully recording any false, fictitious or fraudulent statement or entry on this document may be punished as a felony under Federal statutes, including Federal Law, Title 18, Chapter 47.

WARNING: Processing that makes fumes, dust, or solutions may cause lung disease. Please see safety Data sheet for further information which has been supplied to your Purchasing Department. For an additional copy, please refer to our website at:
www.atimaterials.com/products/ati-sds

For access to online Certifications of Test, please register at MyATI.ATIMaterials.com.

ATI specialty rolled products website contains listing of material produced, general technical and contact information, and current quality and company accreditations including but not limited to ISO-9001, AS-9100, Nadcap, and ISO/IEC 17025. Please visit us at www.atimaterials.com.

466 #

74x38x8

1 CRT

HT; OK