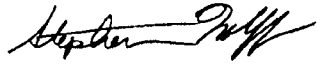
	Certificate of Test		 <small>Stephen Wolff - Director, Corporate Quality Assuran</small>
	Mill Information		Customer Information
500 Green Street Washington, PA 15301	Cert Number 0127566-00 Sales Order 50-024-016 Cert Date Apr-01-2014	Name CORROSION MATERIALS INC PO PO0033808 PO Date Feb-03-2014	

Sold to: CORROSION MATERIALS INC 2262 GROOM ROAD BAKER, LA 70714	Ship to: CORROSION MATERIALS 2262 GROOM ROAD BAKER, LA 70714
---	---

Material Information


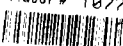
"ATI 400" NICKEL ALLOY PMP HOT ROLLED PLATE ANNEALED PICKLED COMMERCIAL CUT EDGE	
ASME-SB-127 ED 2013	ASTM-B-127-05 R2009
QQ-N-281D & AM 2 CLASS A FORM 6	UNS N04400


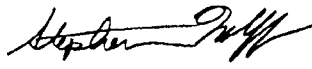
Piece Information

	Gauge	Width	Length					Total Wt
Pcs	(in)	(in)	(in)	Heat #	Piece ID	Section Id	Lot #	(lbs)
Item: 004	Cust-Id:		Govt-Contract-#:		Govt-DO-Rating:			
	Cust-Job:		ScheduleB:					
1	1.7500	96.0000	126.3125	521403	AB42017	---	432865	6972

Chemistry Testing

Element	Requirements		Final Heat Analysis	
	Min	Max	521403	Loc
C	---	.2	.1	LO
MN	---	2.00	1.49	LO
P	---	.02	< .01	LO
S	---	.015	.001	LO
SI	---	.50	.12	LO
NI	63.00	70.00	63.64	LO
AL	---	.5	.2	LO
CU	28.0	34.0	32.0	LO
CO	---	---	.03	LO
SN	---	.006	.001	TC
PB	---	.006	.001	TC
FE	---	2.50	2.13	LO
ZN	---	.02	< .01	TC
NCO	63.0	70.0	63.7	--

Heat # 521403

 Tracer # T0726745


	Certificate of Test		 Stephen Wolff - Director, Corporate Quality Assurance
	Mill Information		Customer Information
500 Green Street Washington, PA 15301	Cert Number 0127566-00 Sales Order 50-024-016 Cert Date Apr-01-2014	Name CORROSION MATERIALS INC PO P00033808 PO Date Feb-03-2014	

Chemistry Testing

Allegheny Ludlum performs chemical analysis by the following techniques:
 C, S by combustion/infrared; N, O, H by inert fusion/thermal conductivity;
 Mn, P, Si, Cr, Ni, Mo, Cu, Cb, Co, V, by WDXRF; Pb, Bi, Ag by GFAA;
 B by OES; Al and Ti (>=0.10%) by WDXRF, otherwise by OES.

521403 - Material was produced by EF melting with AOD refining.

NCO = Ni + Co

Mechanical Testing

		LOT 432865	
Condition:		ANNEALED	
Direction:		TRANSVERSE	
Temperature:		ROOM TEMP	
Spec:			
Test Limit	Units	Result	Loc
YIELD 0.2%	psi	29200.	TC
TENSILE	psi	79500.	TC
ELONGATION	%	50.	TC
RED OF AREA	%	77.	TC
HARDNESS	---	151. HBW	TC

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

Mechanical Property Requirements


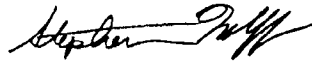
Condition:		ANNEALED	
Direction:		TRANSVERSE	
Temperature:		ROOM TEMP	
Spec:			
Test Limit	Units	Min	Max
YIELD 0.2%	psi	28000.	---
TENSILE	psi	70000.	---
ELONGATION	%	35.	---
RED OF AREA	%	---	---

Heat # 521403



Trace # T0726745



	Certificate of Test		 <small>Stephen Wolff - Director, Corporate Quality Assurance</small>
	Mill Information		Customer Information
500 Green Street Washington, PA 15301	Cert Number 0127566-00 Sales Order 50-024-016 Cert Date Apr-01-2014	Name CORROSION MATERIALS INC PO PO0033808 PO Date Feb-03-2014	

Mechanical Property Requirements

Condition:		ANNEALED	
Direction:		TRANSVERSE	
Temperature:		ROOM TEMP	
Spec:			
Test Limit	Units	Min	Max
HARDNESS	---	---	---

Certification Statements

Material was solution annealed at 1350F (732C) minimum for a time commensurate with thickness.

Allegheny Ludlum does not use mercury in the testing or production of its products.

Material is of USA melt and manufacture.

No welds/weld repairs performed.

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.

DIN EN 10204:2005 3.1 certificate

General Statements

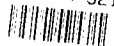

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS
 LO = ATI-ALLEGHENY LUDLUM; Route 981 North; Latrobe, PA 15650
 TC = ATI-ALLEGHENY LUDLUM; 1300 Pacific Avenue; Natrona Heights, PA 15065

WARNING: Processing that makes fumes, dust, or solutions may cause lung disease. Please see MSDS for further information which has been supplied to your Purchasing Department. For an additional copy, please refer to our web site at www.atimetals.com/businesses/business-units/ludlum/Pages/msds.aspx.

For access to online certifications of Test, please register at www.alcextra.com.

The above is a true copy of the data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Allegheny Ludlum's order acknowledgement. This certificate of Test may not be reproduced except in full without the written authorization of the company.

ATI Allegheny Ludlum's website contains a 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.alleghenyludlum.com.

Heat # 521493

 Tracer # T0776745




521403
**CORROSION
MATERIALS**

2262 Groom Road, Baker Louisiana 70714
(800) 535-8032 / (225) 775-3675
Quality Control FAX (225) 778-6489

ISO 9001-2008 Certified.

CERTIFICATE OF CONFORMANCE

Date: December 30, 2014

Customer: Rolled Alloys Canada Inc.

P.O. #: 0044903ME

CMI Order #: SO119715-B

Item: (1 pc) CM400, 1-3/4" plate x 13" OD

Heat #: 521403

This document certifies that the item(s) provided on the above referenced purchase order, meet the requirements in accordance to the NACE Specification MR0175-2003, specifically section 4.11.1*.

The above information is true and accurate as certified by the person stated below.

Certified by: *Byron Hudson* ES

Byron Hudson

Title: Quality Control & Safety Manager

* Section 4.11.1 applies to Solid-Solution Nickel-Based Alloys only and requires the chemical composition to meet the following; 14.5% Cr minimum, 52% Ni + Co minimum and 12% Mo minimum.