

KA15996 #NAC226321X

			Metallurgical Test Report Cleveland-Cliffs Coshocton Works 17400 State Route 16 Coshocton, OH 43812 U.S.A.			Page 1										
						Certificate No. CSW-2026-8148589-272187-1497-01 Load No. 8148589 Srm No. 8148589										
C U S T O M E R	RELIANCE STEEL & ALUMINUM CO BRALCO METALS DIV 15090 NORTHAM ST LA MIRADA, CA 90638			S H I P T O	BRALCO METALS DIVISION ENTER ONLY ON DESMAN RD-GATE 1 15090 NORTHAM STREET LA MIRADA, CA 90638			MILL ORDER NO. 272187-1497		PROCESSOR ORDER NO. 43-176525-1		BUYERS ORDER NO. 43-176525-1				
								PART NO.		ALT PART NO.						
										ENGLISH UNITS --PRODUCT-- METRIC UNITS .0320 NOM 36.0000 X 120.0000						
LIFT ID	PIECE	HEAT	PARENT LIFT ID	NET WEIGHT		OUTSIDE PROCESSOR ID		ALT LIFT ID								
516493-01-001	49	7551629	516493-01	1,925 LBS. 873 KG.		LP62672401		882811								
516493-01-002	49	7551629	516493-01	1,915 LBS. 869 KG.		LP62672402		882811								
516493-01-003	49	7551629	516493-01	1,910 LBS. 866 KG.		LP62672403		882811								
516493-01-004	49	7551629	516493-01	1,925 LBS. 873 KG.		LP62672404		882811								
516493-01-005	49	7551629	516493-01	1,920 LBS. 871 KG.		LP62672405		882811								
516493-01-006	46	7551629	516493-01	1,805 LBS. 819 KG.		LP62672406		882811								
TOTAL LIFTS	TOTAL PIECES			TOTAL NET WEIGHT												
6	291			11,400 LBS. 5,171 KG.												
L=Ladle Analysis of Heat P=Product Analysis of Parent Coil CHEMICAL ANALYSIS																
ID (wt. %)	C	MN	P	S	SI	CR	NI	MO	N	CU						
* L 7551629	.10	1.11	.026	.002	.49	17.48	7.23	.14	.03	.20						

*** CONTINUED ON NEXT PAGE ***

		Metallurgical Test Report Cleveland-Cliffs Coshocton Works 17400 State Route 16. Coshocton, OH 43812 U.S.A.		Page 2							
				Certificate No. CSW-2026-8148589-272187-1497-01 Load No. 8148589 Srn No. 8148589							
C U S T O M E R	RELIANCE STEEL & ALUMINUM CO BRALCO METALS DIV 15090 NORTHAM ST LA MIRADA, CA 90638	S H I P T O	BRALCO METALS DIVISION ENTER ONLY ON DESMAN RD-GATE 1 15090 NORTHAM STREET LA MIRADA, CA 90638	MILL ORDER NO. 272187-1497	PROCESSOR ORDER NO. 43-176525-1	BUYERS ORDER NO. 43-176525-1					
			PART NO.	ALT PART NO.							
	ENGLISH UNITS --PRODUCT-- METRIC UNITS .0320 NOM 36.0000 X 120.0000										
ISSUE / SHIP DATE: 01/09/2026 PRODUCING MILL: Cleveland-Cliffs Coshocton Works 17400 State Route 16 Coshocton, OH 43812 U.S.A.		REMARKS THIS MATERIAL WAS MELTED, CAST AND MANUFACTURED IN THE U.S.A. [DFARS 252.225, 7001.7008, AND 7009 COMPLIANT]. MATERIAL MEETS ALL TECHNICAL REQUIREMENTS OF REFERENCED SPECIFICATIONS. BRALCO CHEMICAL TEST METHODS ASTM A751, E1019, E1086 MATERIAL MELTED IN BUTLER, PA, USA MATERIAL SUPPLIED IN ACCORDANCE WITH EN 10204:2017 TYPE 3.1 Cleveland-Cliffs Coshocton Works laboratory is ISO 17025 accredited. Test results listed only relate to the product shown on this test report. Test report shall not be reproduced, except in full, without the written approval of the original testing laboratory. Conformance to the specification limits are based on simple acceptance that the results are within the limits (measurement uncertainty is not taken into account).									
PRODUCT DESCRIPTION CR SHT TYPE 301 STAINLESS NI 7.0% MIN TR FINISH 1/4 HARD SLIT EDGE * AMS 5517N * ASTM A 666-24 UNS S30100 * ASTM A 240-25A UN S S30100 CHEMISTRY ONLY											
PARENT LIFT ID	POS	DIR (L, T, D)	COND	% ELONG	ELONG METHOD	ELONG GAUGE LENGTH	TENSILE STRENGTH (KSI)	Y.S. 2% OFFSET (KSI)	ROCKWELL HARDNESS Tail	ROCKWELL HARDNESS Front	
516493-02	T	T	A.S.T.M	39.0	CALC	2 Inch	136.8000	96.6000	C 26	C 28	
PARENT LIFT ID	POS	DIR (L, T, D)	COND	BEND 180 1T							
516493-01	T		A.S.T.M	PASS							
PARENT LIFT ID	POS	DIR (L, T, D)	COND	% ELONG	ELONG METHOD	ELONG GAUGE LENGTH	TENSILE STRENGTH (KSI)	Y.S. 2% OFFSET (KSI)	ROCKWELL HARDNESS Tail	ROCKWELL HARDNESS Front	
516493-01	F	T	A.S.T.M	35.4	CALC	2 Inch	139.5000	97.8000	C 26	C 28	
*** CONTINUED ON NEXT PAGE ***											

		Metallurgical Test Report Cleveland-Cliffs Coshocton Works 17400 State Route 16 Coshocton, OH 43812 U.S.A.				Page 3									
						Certificate No. CSW-2026-8148589-272187-1497-01 Load No. 8148589 Srm No. 8148589									
C U S T O M E R	RELIANCE STEEL & ALUMINUM CO BRALCO METALS DIV 15090 NORTHAM ST LA MIRADA, CA 90638				S H I P T O	BRALCO METALS DIVISION ENTER ONLY ON DESMAN RD-GATE 1 15090 NORTHAM STREET LA MIRADA, CA 90638				MILL ORDER NO. 272187-1497 PART NO.		PROCESSOR ORDER NO. 43-176525-1 ALT PART NO.		BUYERS ORDER NO. 43-176525-1	
										ENGLISH UNITS --PRODUCT-- METRIC UNITS .0320 NOM 36.0000 X 120.0000					
PARENT LIFT	POS	DIR	COND	BEND											
ID		(L, T, D)		180 IT											
516493-01	F		A.S.T.M	PASS											
THE CHEMICAL ANALYSIS AND PHYSICAL OR MECHANICAL TESTS REPORTED ABOVE ARE CORRECT AS CONTAINED IN THE RECORDS OF THE CORPORATION. Test results marked with an asterisk (*) were reported by a laboratory other than the certifying mill. ALL TESTING IS DONE IN ACCORDANCE WITH A.S.T.M. STANDARDS UNLESS OTHERWISE NOTED Cleveland-Cliffs Steel Corporation								THIS CERTIFIED TEST REPORT HAS BEEN DELIVERED TO A CONSIGNEE OF MATERIAL PRODUCED BY CLEVELAND-CLIFFS STEEL CORPORATION, TO AVOID THE POSSIBILITY OF ITS MISUSE ON DELIVERY OF THE REPORT TO A THIRD PARTY IT MUST BE RECERTIFIED BY AND UNDER THE NAME OF SUCH CONSIGNEE SIGNED  DATE 01/12/2026 TIME 09:21:28 JARED SPENCER QUALITY MANAGER							

NOTICE OF SHIPMENT/
PACKING LIST

ATI

Specialty Rolled Products

CERTIFICATE OF TEST

AL 6168-9 1221

CUST. ORD. NO. & DATE	CUST. CODE	FINISHING LOCATION	SHIPPER NO.	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
43-176982	209355	VANDERGRIFF, PA	552392	13020103060000	30-115-115	01/12/26
FORMS DISTRIBUTION	MG BILL	REPEAT ORDER	GOVT CONTRACT	MATL	SHIPPING LOCATION	INVOICE
SOLD TO →	L856184	14732-0	10	1141	VANDERGRIFF	PA
SOLD TO	PRIME SEC.	SHIP TO				
RELiance STEEL-BRALCO METALS	DSO DSO	BRALCO METALS				
15090 NORTHAM STREET	10	15090 NORTHAM STREET				
LA MIRADA CA 90638		LA MIRADA CA 90638				

GRADE AND SPECIFICATIONS CARRIER - INDEPENDENT DISPATCH, INC

"ATI 321" STAINLESS STEEL SHEET **C R COILS** ANNEALED 2D FIN 3 EDGE (ASTM-E-45-25 METHOD A) (ASTM-E-45-25 METHOD D) (AMS 5510T) (ASME-SA-480 ED 2025) (ASTM-A-480-25B) (ABS5782D ISSUE 6) (IPS ASNA3106-01 ISSUE 2) (ASME-SA-240 ED 2025) (ASTM-A-240-25A) (ROLLS-ROYCE SABRE 4) (BS S526:1969 +A3:2013) (S-SPEC-1, S-1000 DATED 05-5-25) (S-SPEC-35 S-400 DATED 2-18-21)

ITEM	PCS	DIMENSIONS W/G/L	HEAT #	COIL #	TEST #	GROSS	TARE	NET	THEO	TAG #/	CD	SKID #
001A	1	36./025/4065.	867004	AAE61650-B	8914229	13070	50	13020		841911		
	P	CUST IDENTITY 321D025X36-AB										
	1	SKID				13070	50	13020				

TYPE	HEAT/TEST (WT %)	--C--	--MN--	--P--	--S--	--SI--	--CR--	--NI--	--MO--	--CU--	--TI--	--N--	--FE--
HEAT	867004	.01	1.5	.025	.0001	.50	17.13	9.13	.28	.29	.18	.01	BAL
TEST LOCATION		BN	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN	
HEAT	867004	FER											
		6.25											

MELT METHOD: EF + AOD

ITEM	TEST NO	YIELD	TENSILE	% ELONG	HARDNESS	(MEASURED)	BEND	A 262	PR	ESIZE	CORROSION	ASTM	GRAIN
001A	8914229	T 46500.	93300.	56. #	82.HRBW	(68.HR30TW)	T PASS	PASS		12.			
TEST LOCATION		T 46000.	93500.	55. #	82.HRBW	(68.HR30TW)	T PASS						
		TC	TC	TC	TC	TC	TC	TC	TC	TC			
		* Y.S. BY 0.2% OFFSET METHOD											
		CORROSION T-YIELD											
ITEM	TEST NO	A262 E MOD	1%										
001A	8914229	PASS	48100.										
			47600.										
TEST LOCATION		TC	TC										

PAGE 01 - CONTINUED ON PAGE 02

01/12/26 09:53:27

CONSIGNEE- Please Note-This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

WARNING
Safety Data Sheets for this product are available on our website, www.ATImetals.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Specialty Rolled Products' Order Acknowledgement.

Noreen DeFerrari -
Sr. Manager Quality, Corporate Quality Assurance

Order Number: 43 - SO -90922-1 Customer PO: 3BM32664486

NOTICE OF SHIPMENT/
PACKING LIST

Specialty Rolled Products

CERTIFICATE OF TEST

AL 6168-9 1221

CUST. ORD. NO. & DATE		CUST. CODE	FINISHING LOCATION	SHIPPER NO.	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
43-176982	11/20/25	209355	VANDERGRIFF, PA	552392	13020103060000	30-115-115	01/12/26
FORMS DISTRIBUTION			REPEAT ORDER	GOV'T CONTRACT	MAT'L	SHIPPING LOCATION	INVOICE
SOLD TO	SHIP TO	SPEC	MG BILL	14732-0	10	1141 VANDERGRIFF	PA 659585
SOLD TO			PRIME SEC.	SHIP TO			
RELIANCE STEEL-BRALCO METALS			DSO DSO.	BRALCO METALS			
15090 NORTHAM STREET			10	15090 NORTHAM STREET			
LA MIRADA CA 90638				LA MIRADA CA 90638			

GRADE "ATI 321" STAINLESS STEEL SHEET C R COILS ANNEALED 2D FIN 3 EDGE CARRIER - INDEPENDENT DISPATCH, INC

INCLUSIONS E-45 METH A

ITEM TEST NO	A	B	C	D
001A 8914229	HVY 0.0	0.0	0.0	0.0
	THN 0.0	1.0	0.0	1.0

TEST LOCATION TC

INCLUSIONS E-45 METH D

ITEM TEST NO	A	B	C	D
001A 8914229	HVY			
	THN	SEE ATTACHMENT FOR RESULTS		

ELONG AT FRACTURE
METALLOGRAPHIC MAGNIFICATION: 100X ETCHANT USED: OXALIC ACID

GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

ATI SPECIALTY ROLLED PRODUCTS DOES NOT USE MERCURY IN THE TESTING OR PRODUCTION OF ITS PRODUCTS.

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, E 18, 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.

PAGE 02 - CONTINUED ON PAGE 03

01/12/26 09:53:27

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Norton Deferrari
Sr. Manager Quality, Corporate Quality Assurance

Order Number: 43 - SO -90922-1 Customer PO: 3BM32664486

NOTICE OF SHIPMENT/
PACKING LIST

ATI

Specialty Rolled Products

CERTIFICATE OF TEST

AL 6168-9 1221

CUST. ORD. NO. & DATE	CUST. CODE	FINISHING LOCATION	SHIPPER NO.	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
43-176982	209355	VANDERGRIFF, PA	552392	13020103060000	30-115-115	01/12/26
FORMS DISTRIBUTION	MG BILL	REPEAT ORDER	GOVT CONTRACT	MAT'L	SHIPPING LOCATION	INVOICE
SOLD TO →	L856184	14732-0	DO RATE	1141	VANDERGRIFF	PA
SHIP TO →		PRIME SEC.	PRI-ORITY			
SPEC →		DSO DSO				
SOLD TO		SHIP TO				
RELIANCE STEEL-BRALCO METALS		BRALCO METALS				
15090 NORTHAM STREET		15090 NORTHAM STREET				
LA MIRADA	CA 90638	LA MIRADA			CA 90638	

GRADE CARRIER - INDEPENDENT DISPATCH, INC
 "ATI 321" STAINLESS STEEL SHEET C R COILS ANNEALED 2D FIN 3 EDGE

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, SB BY GFAA PER ASTM E1184; AL AND TI (>=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.

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.

THESE COMMODITIES OR TECHNOLOGY, WHEN EXPORTED FROM THE UNITED STATES, ARE IN ACCORDANCE WITH THE USA EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED. U.S. LAW ALSO PROHIBITS DISPOSITION OF THESE COMMODITIES/TECHNICAL DATA TO ANY END-USER OR FOR ANY END-USE RELATED TO THE DESIGN, DEVELOPMENT, PRODUCTION, STOCKPILING, OR USE OF CHEMICAL, BIOLOGICAL, OR NUCLEAR WEAPONS, OR MISSILES, WITHOUT THE PROPER APPROVAL OF THE UNITED STATES GOVERNMENT.

MATERIAL WAS MELTED, POURED, AND MANUFACTURED IN THE USA.

THE HARDNESS CONVERSION WAS PERFORMED USING EQUATIONS GIVEN IN ASTM E140 DEVELOPED FROM DATA IN TABLES 1, 2, 3, 5, AND 6. THE PARTICULAR EQUATION USED WAS BASED ON MATERIAL TYPE AND MEASURED HARDNESS SCALE. PER ASTM E140; THE CONVERSION VALUES ARE ONLY APPROXIMATE AND MAY BE INACCURATE FOR SPECIFIC APPLICATION.

WESTMORELAND MECHANICAL TESTING & RESEARCH, YOUNGSTOWN, PA (94387), PRODUCTION EVALUATION SYSTEMS INC, LATROBE, PA (T9377) AND DIRATS LABORATORIES, WESTFIELD, MA (32851) ARE GEAE S400 AND ISO/IEC 17025 APPROVED FACILITIES.

PAGE 03 - CONTINUED ON PAGE 04

01/12/26 09:53:27

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Noreen DeFerrari
 Sr. Manager Quality, Corporate Quality Assurance

Order Number: 43 - SO -90922-1 Customer PO: 3BM32664486

NOTICE OF SHIPMENT/
PACKING LIST

ATI

Specialty Rolled Products

CERTIFICATE OF TEST

AL 6168-9 1221

CUST. ORD. NO. & DATE			CUST. CODE	FINISHING LOCATION	SHIPPER NO.	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
43-176982			11/20/25	209355	VANDERGRIFF, PA	552392	13020103060000	30-115-115
FORMS DISTRIBUTION			MG BILL	REPEAT ORDER	DD RATE	PRI-ORITY	GOVT CONTRACT	SHIPPING LOCATION
SOLD TO →			L856184	14732-0	10		1141 VANDERGRIFF	PA
SOLD TO			PRIME SEC.	DSO	DSO		SHIP TO	INVOICE
RELIANCE STEEL-BRALCO METALS			15090 NORTHAM STREET	LA MIRADA	CA 90638		BRALCO METALS	15090 NORTHAM STREET
							LA MIRADA	CA 90638

GRADE "ATI 321" STAINLESS STEEL SHEET C R COILS ANNEALED 2D FIN 3 EDGE CARRIER - INDEPENDENT DISPATCH, INC

THIS CERTIFIED MATERIAL TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL. FEDERAL LAW PROHIBITS THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT AND MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL STATUTE. ATI SRP HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, NADCAP, AND ISO/IEC 17025. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ATI SRP QUALITY MANUAL REVISION 35 DATED 01/02/2025. FOR THE TESTING SPECIFICATION USED IN THE ANALYSIS OF THIS MATERIAL, PLEASE SEE THE SCOPE OF APPROVAL FOR NADCAP AND ISO/IEC 17025 FOR THE LABORATORIES. THE SCOPE OF THE APPROVALS CAN BE FOUND AT WWW.ATIMATERIALS.COM

ATI SPECIALTY ROLLED PRODUCTS WORKS TO THE ROLLS ROYCE SABRE QUALITY MANAGEMENT SYSTEM REQUIREMENTS.

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-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.

EN 10204:2005 3.1 CERTIFICATE.

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:

BN = ATI SRP BRACKENRIDGE; 100 RIVER ROAD; BRACKENRIDGE, PA 15014

TC = ATI SRP NATRONA HEIGHTS; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065

PAGE 04 - CONTINUED ON PAGE 05

01/12/26 09:53:27

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Noted Defect
Sr. Manager Quality, Corporate Quality Assurance

Order Number: 43 - SO -90922-1 Customer PO: 3BM3264486

Order Number: 43 - SO -90922-1 Customer PO: 3BM32664486

**NOTICE OF SHIPMENT/
PACKING LIST**



CERTIFICATE OF TEST

AL 6168-9 1221

CUST. ORD. NO. & DATE			CUST. CODE	FINISHING LOCATION	SHIPPER NO.	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
43-176982	11/20/25	209355	VANDERGRIFF, PA	552392	13020103060000	30-115-115	01/12/26	
SOLD TO			REPEAT ORDER	DO RATE	GOVT CONTRACT	MATL	SHIPPING LOCATION	INVOICE
MG BILL			14732-0	10		1141 VANDERGRIFF	PA	659585
L856184			PRIME	SEC.		SHIP TO		
RELIANCE STEEL-BRALCO METALS			DSO	DSO	BRALCO METALS			
15090 NORTHAM STREET			10		15090 NORTHAM STREET			
LA MIRADA CA 90638					LA MIRADA CA 90638			

GRADE "ATI 321" STAINLESS STEEL SHEET C R COILS ANNEALED 2D FIN 3 EDGE CARRIER - INDEPENDENT DISPATCH, INC

PAGE 05 SEE ATTACHMENTS.

ISSUED BY ATI SPECIALTY ROLLED PRODUCTS

01/12/26 09:53:27

DENEEN FERRARI TECHNICAL SERVICES DEPARTMENT

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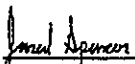
Noreen Deterail - Sr. Manager Quality, Corporate Quality Assurance

KA16013 NXC22632/X

			Metallurgical Test Report Cleveland-Cliffs Coshocton Works 17400 State Route 16 Coshocton, OH 43812 U.S.A.			Page 1											
						Certificate No. CSW-2026-8299884-272187-1512-01 Load No. 8299884 Srn No. 8299884											
C U S T O M E R	RELIANCE STEEL & ALUMINUM CO BRALCO METALS DIV 15090 NORTHAM ST LA MIRADA, CA 90638			S H I P T O	BRALCO METALS DIVISION ENTER ONLY ON DESMAN RD-GATE 1 15090 NORTHAM STREET LA MIRADA, CA 90638			MILL ORDER NO.		PROCESSOR ORDER NO.		BUYERS ORDER NO.					
								272187-1512		43-177603-2		43-177603-2					
								PART NO.		ALT PART NO.							
								ENGLISH UNITS --PRODUCT-- METRIC UNITS .0500 NOM 36.0000 X 120.0000									
LIFT ID		PIECE	HEAT	PARENT LIFT ID		NET WEIGHT		OUTSIDE PROCESSOR ID		ALT LIFT ID							
534308-06-001		28	7560082	534308-06		1,680 LBS. 762 KG.		LP62852901		103040AA							
534308-06-002		31	7560082	534308-06		1,858 LBS. 843 KG.		LP62852902		103040AA							
534308-06-003		30	7560082	534308-06		1,800 LBS. 816 KG.		LP62852903		103040AA							
534308-06-004		30	7560082	534308-06		1,796 LBS. 815 KG.		LP62852904		103040AA							
534308-06-005		28	7560082	534308-06		1,676 LBS. 760 KG.		LP62852905		103040AA							
TOTAL LIFTS		TOTAL PIECES				TOTAL NET WEIGHT											
5		147				8,810 LBS. 3,996 KG.											
L=Ladle Analysis of Heat P=Product Analysis of Parent Coil CHEMICAL ANALYSIS																	
ID (wt. %)	C	MN	P	S	SI	CR	NI	AL									
* L 7560082	.07	.59	.023	.0001	.45	16.77	7.32	1.10									
*** CONTINUED ON NEXT PAGE ***																	

Order Number: 43 - 50 -55300-1 Customer PO: 3BM32393891

		Metallurgical Test Report Cleveland-Cliffs Coshocton Works 17400 State Route 16 Coshocton, OH 43812 U.S.A.		Page 2							
				Certificate No. CSW-2026-8299884-272187-1512-01 Load No. 8299884 Srm No. 8299884							
C U S T O M E R	RELIANCE STEEL & ALUMINUM CO BRALCO METALS DIV 15090 NORTHAM ST LA MIRADA, CA 90638	S H I P T O	BRALCO METALS DIVISION ENTER ONLY ON DESMAN RD-GATE 1 15090 NORTHAM STREET LA MIRADA, CA 90638	MILL ORDER NO.	PROCESSOR ORDER NO.	BUYERS ORDER NO.					
				272187-1512	43-177603-2	43-177603-2					
				PART NO.	ALT PART NO.						
				ENGLISH UNITS --PRODUCT-- METRIC UNITS .0500 NOM 36.0000 X 120.0000							
ISSUE/SHIP DATE: 05/14/2026 PRODUCING MILL: Cleveland-Cliffs Coshocton Works 17400 State Route 16 Coshocton, OH 43812 U.S.A.		REMARKS THIS MATERIAL WAS MELTED, CAST AND MANUFACTURED IN THE U.S.A. [DFARS 252.225. 7001,7008,7009 AND 7014 COMPLIANT]. BALANCE OF CHEMICAL COMPOSITION NOT REPORTED IS IRON AND MINOR RESIDUAL ELEMENTS. NO INTENTIONAL ADDITIONS OF MERCURY OR MERCURY COMPOUNDS, RADIUM, ALPHA SOURCE, AND LOW MELTING ALLOYS OR ELEMENTS CAPABLE OF FORMING LOW MELTING ALLOYS WERE MADE THROUGHOUT THE PROCESSING OF THIS MATERIAL. COILED PRODUCTS CONTAIN NO WELDS THIS MATERIAL WAS SOLUTION HEAT TREATED TO TEMPERATURES CONFORMING TO AMS 5528 FOR AN APPROPRIATE TIME NECESSARY TO ACHIEVE MECHANICAL PROPERTY REQUIREMENTS MATERIAL SUPPLIED IN ACCORDANCE WITH EN 10204:2017 TYPE 3.1 Cleveland-Cliffs Coshocton Works laboratory is ISO 17025 accredited. Test results listed only relate to the product shown on this test report. Test report shall not be reproduced, except in full, without the written approval of the original testing laboratory. Conformance to the specification limits are based on simple acceptance that the results are within the limits (measurement uncertainty is not taken into account).									
PRODUCT DESCRIPTION CR SHT 17-7 PH(R) STAINLESS #2D FINISH COND A SLIT EDGE * AMS 5528K * MIL-S-25043C CANCELLED 5/9/1997 EX 3.2 WAIVE SOAK REQ; EX 3.6/3.6.1/5.3 PER CLIFFS/CUSTOMER AGREEMENT; EX 4.3.1 WAIVE SAMPLE SIZE; EX 4.4.1 SAMPLING PER ASTM E 59; EX 4.5.1/4.6.1 CLIFFS SAMPLING METH; EX 4.5.2 PREP PER ASTM E 8; EX 4.5.3 TEST PER ASTM A 370; EX 4.6.4 TEST PER ASTM E 18; EX 4.7.1 AMS 2971 3.3.5.3 .1 APPLIES * ASTM A 693-24 TYPE 631 (UNS S17700)											
PARENT LIFT	POS	DIR	COND	% ELONG	ELONG METHOD	ELONG GAUGE LENGTH	TENSILE STRENGTH (KSI)	Y.S. .2% OFFSET (KSI)	ROCKWELL HARDNESS Tail	ROCKWELL HARDNESS Front	
ID		(L, T, D)									
534308-06	T	T	COND A	32.7	CALC	2 Inch	127.5000	46.7000	BW 86.0	BW 86.0	
*** CONTINUED ON NEXT PAGE ***											

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								Certificate No. CSW-2026-8299884-272187-1512-01 Load No. 8299884 Srm No. 8299884					
C U S T O M E R	RELIANCE STEEL & ALUMINUM CO BRALCO METALS DIV 15090 NORTHAM ST LA MIRADA, CA 90638			S H I P T O	BRALCO METALS DIVISION ENTER ONLY ON DESMAN RD-GATE 1 15090 NORTHAM STREET LA MIRADA, CA 90638			MILL ORDER NO. 272187-1512		PROCESSOR ORDER NO. 43-177603-2		BUYERS ORDER NO. 43-177603-2	
								PART NO.		ALT PART NO.			
ENGLISH UNITS --PRODUCT-- METRIC UNITS .0500 NOM 36.0000 X 120.0000													
PARENT LIFT ID	POS	DIR (L, T, D)	COND	% ELONG	ELONG METHOD	ELONG GAUGE LENGTH	TENSILE STRENGTH (KSI)	Y.S. .2% OFFSET (KSI)	ROCKWELL HARDNESS Tail	ROCKWELL HARDNESS Front			
534308-06	T	T	TH 1050	8.6	CALC	2 Inch	191.8400	161.6100	C 41.0	C 42.0			
534308-06	T	T	RH 950	6.70	CALC	2 Inch	221.4000	199.7000	C 47.0	C 48.0			
PARENT LIFT ID	POS	DIR (L, T, D)	COND	BEND 180 1T									
534308-06	T		COND A	PASS									
PARENT LIFT ID	POS	DIR (L, T, D)	COND	% ELONG	ELONG METHOD	ELONG GAUGE LENGTH	TENSILE STRENGTH (KSI)	Y.S. .2% OFFSET (KSI)	ROCKWELL HARDNESS Tail	ROCKWELL HARDNESS Front			
534308-06	F	T	COND A	32.2	CALC	2 Inch	126.5000	45.0000	BW 86.0	BW 86.0	-		
534308-06	F	T	TH 1050	10.2	CALC	2 Inch	194.5400	176.7000	C 41.0	C 42.0			
534308-06	F	T	RH 950	6.70	CALC	2 Inch	224.9000	208.0000	C 47.0	C 48.0			
PARENT LIFT ID	POS	DIR (L, T, D)	COND	BEND 180 1T									
534308-06	F		COND A	PASS									
THE CHEMICAL ANALYSIS AND PHYSICAL OR MECHANICAL TESTS REPORTED ABOVE ARE CORRECT AS CONTAINED IN THE RECORDS OF THE CORPORATION. Test results marked with an asterisk (*) were reported by a laboratory other than the certifying mill. ALL TESTING IS DONE IN ACCORDANCE WITH A.S.T.M. STANDARDS UNLESS OTHERWISE NOTED Cleveland-Cliffs Steel Corporation MWQC#004 REV. 1/14 Program Version LM438B 1.21							THIS CERTIFIED TEST REPORT HAS BEEN DELIVERED TO A CONSIGNEE OF MATERIAL PRODUCED BY CLEVELAND-CLIFFS STEEL CORPORATION. TO AVOID THE POSSIBILITY OF ITS MISUSE ON DELIVERY OF THE REPORT TO A THIRD PARTY IT MUST BE RE-CERTIFIED BY AND UNDER THE NAME OF SUCH CONSIGNEE. SIGNED  DATE 05/14/2026 TIME 14:22:20 JARED SPENCER QUALITY MANAGER						