Procedure Qualification Record

PQR: GTA-S25A22B-125-O

1 of 3

PQR: GTA-S25A22B-125-O Date Welded: 18-Jan-21 Welder's Name: Tim Grove Employee ID: 5835

Witnessed By: Albert J. Moore Jr Company: Marion Testing & Inspection

Process: GTAW Type: Manual

Base Metals

Base Metal Specification: ASTM B928 / AMS 4027/N Heat Treat: Strain Hardened

Grade / Alloy: 5086-H116 M No.: 25
Thickness: 1/8-inch Diameter: NA
Manufacturer: Constellium Heat or Lot: 9490902

Base Metal Specification: ASTM B928 Heat Treat: Strain Hardened

Grade / Alloy: 5086-H116 M No.: 25
Thickness: 1/8-inch Diameter: NA
Manufacturer: Constellium Heat or Lot: 9490902

Joint Detail

Weld Type: Groove
Joint: Butt
Groove: Square
Depth of Bevel: 0-inch
Groove Angle: 0°
Root Face: 1/8 in.
Root Opening: 0-inch
Backing: None

Transfer Mode: Conventional / No Pulsing

Depth of Back Gouge: NA

Filler Metal

Specification: AWS A5.10 Classification: R5356 A No.: A-22B AWS F Number: 22

Diameter: 1/8-in.

Manufacturer: AlcoTec

Heat/Lot No.: RB20432329

Consumable Insert: None Heat/Lot No.: NA
Supplementary F.M.: None Heat/Lot No.: NA

Other: NA

Gases

Specification: AWS A5.32 Nozzle Diameter: 7/16-inch

Shielding Gas: SG-A (Argon 100%) Flow Rate: 25 cfh (mid. of ball)

Preflow: 2 Sec Post Flow: 5 Sec

Root Shielding: None Flow Rate: NA
Trailing Gas: None Flow Rate: NA

Other: NA

	Welding Machine		
Power Supply: Constant Current			
Manufacturer: Miller			
Model: Dynasty 350	· ()	Serial Number: MC 280440L	
Pulsing: No		Program Number: NA	
Current: AC	Frequency: 170 Hz	RMT: STD	
High Frequency: Impulse Start Only		C/X	
Pulse: Off	Sequence Off	Balance: 85%	
EP: 114A	EN: 123A		
Voltage: 15	WFS: NA	Amps: 116	
Tungsten: EWTh-2	CV _A	Diameter: 3/32-in	
Wave: Square		End Preparaton: Tapered	
Torch or Gun: Speedway		Model: SW320	
Cooling: Liquid	5		
A	Preheat and Post Weld Heat T		5
Preheat:	70°F	Max. Interpass Temperature:	
Post Weld Heat Treatment:	None	Time/Temperature:	NA
	Technique		
Position:	1G Flat	Progression:	Forehand
Travel Speed:	3.8 ipm	·// ,	(0/.
Single or Multiple Electrodes:	Single		4/6
Single or Multiple Pass per Side:	Single		
Electrode Extension:	1/4-in.		
Stringer or Weave Beads:	Stringer Width of weld face	/ \	
Preweld Cleaning:	Solvent wipe, wire brush w/ S	S brush, scrape groove face	
Interpass Cleaning:	None		
Method of Back Gouge:		spection Method: NA	10
	Welding Parameters		
Side Bead Voltage WFS	Amps Time (s) Lengt		PH / IP Size
A 1 15 NA	116 320 20	3.75 27840	70 Flush
	Visual Examination (as we		
Visual Examination: in accordance with N	MIL-STD-2035A, Inspection Class		
Surface Condition/Area: As welded	' /',	Weld Condition: Original	
Reinforcement: < 1/16-inch Accept		Underfill: None	
Alignment/Offset: Accept		Undercut: None	
Cracks: None		Porosity: None	
Overlap: None		Inclusions: None	
Joint Penetration: Accept		usion to the root: Accept	40.1 04
Inspected By: Albert J. Mod	ore Jr. AWS SCWI / NDT Level III	(Examiner) Date:	18-Jan-21

Penetrant Test

Tested in accordance with: T9074-AS-GIB-010/271

NDT Procedure: PT.NAVSEA.1 Rev 11
Condition of Weld: As welded, Original
Penetrant type: 2 (nonfluorescent dye)
Acceptance Criteria: Mil-Std-2035A Class 1

Test Results: Accepted

Tested by: Team, Berlin, CT

Test Report: Cert. 1237024946-1 (Report attached) Inspected By: John Ricciardelli NDT Level III (Examiner)

Radiographic Test

Tested in accordance with: T9074-AS-GIB-GIB-010/271

NDT Procedure: RT.NAVSEA.1 Rev 11
Condition of Weld: As welded, Original
Acceptance Criteria: Mil-Std-2035A Class 1
Tested by: Team, Berlin, CT

Test Report: Cert. 1237024946-2 & 4 (Reports attached)

Inspected by: Joshua Follansbee NDT Level III (Examiner) Date: 12-Apr-21

Guided Bend Tests

					· ·	
Specimen	Туре	Thickness	Width	Diameter	Results	Comments
FB2	Face	1/8	1½	3/4 inch	Accept	No open defects
RB3	Root	1/8	1½	3/4 inch	Accept	No open defects
FB4	Face	1/8	1½	3/4 inch	Accept	No open defects
RB5	Root	1/8	1½	3/4 inch	Accept	No open defects
Tested	by: Marion To	esting & Inspe	ection	*	11	Date: 19-May-2

Albert J. Moore Jr. AWS SCWI/NDT Level III (Examiner)

Reduced Section Tension Test

Miı	nimum Acc	ceptable UTS: 3	5 ksi		/ _		4 /,
Specimen	Width	Thickness	Area	Load	UTS	Results	Location of Failure
TS1	1.493	0.115	0.172 in ²	6750 lb.	39.3 ksi	Accept	Ductile / weld
TS6	1.495	0.118	0.176 in2	6900 lb.	39.1 ksi	Accept	Ductile / weld

Tested by: ABC Testing Date: 12-May-21

Report: Project 2105072 (report attached)

We, the undersigned, certify that the statements in this report are correct and that the test welds were prepared, welded, and tested in conformance with the requirements of NAVSEA S9074-AQ-GIB-010/248.

Prepared by:

Date: 15-Jun-21

Date:

12-Apr-21

Approved by:

Manufacturer: LYNN WELDING

Date: 28-Jun-21



YARDE METALS INC 45 NEWELL STREET SOUTHINGTON CT 06489

CERTIFICATION OF CONFORMANCE YARDE METALS is in full compliance with your purchase order as follows:

JSTOMER LYNN WELDING CO INC

DATE: 11/03/20

75 ROCKWELL ROAD

CUSTOMER ORDER NO.: 21599

NEWINGTON CT 06111

OUR ORDER NO.: S01021FD003-1 BOL: 9172737 pj

ATERIAL ORDERED

ALLOY: 5086-H116 M-

FORM: SH

Dimensions: 0.1250 7.000

20.000

Quantity: 12.00PC Specs: B928-15

HEAT/LOT #: 9490902

NOV 17 2020

Cardification Processor

BY

CERTIFICATION PROCESSOR



YARDE METALS, INC. is ISO9001 and AS9100 CERTIFIED

aterials proving defective will be replaced, but no claims for labor or damage allowed. Please inspect material promptly. All materials subject to minimum restocking charges, and effective will not accept any claims after 30 days of receipt. Shipping tolerance is P/M 10% ordered qty unless otherwise specified and agreed upon at time of contract.

onnecticut 0-444-9494

New Hampshire 800-376-2011

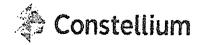
New Jersey 800-765-6061

Ctainlage

New York 800-333-2024 North Carolina 866-630-1220

Ohio 888-301-6061

Pennsylvania 888-663-7050





CERTIFIED TEST REPORT Constellium Rolled Products Ravenswood, LLC

s	YARDE METALS
H	45 NEWELL STREET
р	SOUTHINGTON CT 06489
T	US

YARDE METALS 45 NEWELL STREET SOUTHINGTON CT 06489 US

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YARDE	MTLS	1108953	189 4 409		INCLU	ISION	Ser	ial:20201026-0110895389 Pg 1of2
	MER PURO HC002/1	CHASE OR	DER NO. & ITEM	v C	Conste 313164	llium ORDEF	R NO.	CERTIFICATION "Constellium Rolled Products, hereby certifies tha metal shipped under this order has been
ALLOY 5086	CLAD	TEMPER H116	GAUGE 0.12500 in 3.18 mm	WIDTH 96.000 2,438 r	00 in	LENGTH 288.00000 7,315 mm	in	inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard
CREW E	BOAT FS >	73.5"	70	9	uniternative markety.),:	General Terms and Conditions of Sales, Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road
CUSTOI ASTM B		IFICATION		9		- Anna or Burkhard Anna Anna Anna Anna Anna Anna Anna Ann		P.O. BOX 68 RAVENSWOOD, WV 26164 USA
PART N	UMBER	706	B/L NUM8 140916	BER	DATE 10/27/	SHIPPED 2020		
WT. SHI 13108.00			OF PIECES	GOVT.	ONTRA	CT NO.		Dave Dunbarger - Laboratory Manager

ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS:

ABS CERTIFICATION 5086 H116 MG

Load Details

Package	Net Lbs	Kg	Lot	Batch	Serial	Parent Lot
1002402345	3,277.000	1,486.421	9490902	01		
1002402346	3,277.000	1,486.421	9490902	01	4//	
1002402347	3,277.000	1,486.421	9490902	01		
1002402348	3,277.000	1,486.421	9490902	01	10)

Lot: 9490902 (See test results below)

Tensile - Room Temperature (US)

Minimatura		Ultimate	(KSI)	Yîeld (K	(SI)	Elongation	(%)	Report
Direction	Tests	Min	Max	Min	Max	Min	Max	
L	02	43.9	44.5	38.8	38.9	10.0	10.0	

Tensile - Room Temperature (SI)

*************************	naturana and musika and	Ultimate	e (N/MM2)	Yield (N/MM2)	Elongation	1 (%)	Report
Direction	Tests	Min	Max	Min	Max	Min	Max	
L	02	303	307	268	268	10.0	10.0	

Tested to ASTM G66 and ASTM G67

P-860-155D REVISED: 01 2018

4508876

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CERTIFIED TEST REPORT Constellium Rolled Products Ravenswood, LLC

S YARDE METALS
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US

YARDE METALS
45 NEWELL STREET
SOUTHINGTON CT
06489

0 YARDE MTLS 110895389 4409 INCLUSION Serial: 20201026-0110895389 Pa 2of2 **CUSTOMER PURCHASE ORDER NO. & ITEM** Constellium ORDER NO. CERTIFICATION P00721HC002/1 313164 Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the ALLOY TEMPER GAUGE CLAD WIDTH LENGTH requirements of the applicable specifications as 5086 0.12500 in 96,00000 in H116 288.00000 in indicated herein. Any warranty is limited to that 3.18 mm 2,438 mm 7,315 mm shown on Constellium Rolled Products' standard ITEM ORDERED General Terms and Conditions of Sales. Test CREW BOAT FS >73.5" reports are on file, subject to examination," MILL FINISH Constellium Rolled Products Ravenswood, LLC 859 Century Road CUSTOMER SPECIFICATION P.O. BOX 68 **ASTM B928-15** RAVENSWOOD, WV 26164 USA PART NUMBER B/L NUMBER DATE SHIPPED 140916 10/27/2020 WT. SHIPPED NO. OF PIECES GOVT, CONTRACT NO. 13108,000 LB 000040 Dave Dunbarger - Laboratory Manager Constellium testing performed at 859 Century Rd, Ravenswood WV 26164 Chemistry (Actual) FE CU MN MG CR ZN TI ZR YARDE METALS, INC. CERTIFIES THAT 0.11 0.24 0.06 0.38 3.98 0.09 0.09 0.02 THIS IS A TRUE COPY OF THE ORIGINAL MILL TEST REPORT NOW ON FILE: OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER RECEIVED AND INSPECTED NOV 0 4 2020 Material chemistry source: Constellium - 859 Century Rd, Ravenswood WV 26164 BY Mesi Melissa Gagnier, Certification Processor All material contained in this lot was cast and manufactured in the USA

4508876 03 NOV 20

THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL. WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.

CHEMISTRY BY OES: ARKSPARK TESTED PER ASTM E1251

CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT
WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399
WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557
DUNS Number: 090570149; CAGE Code: 1YWL9

Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product.
"END OF CERTIFICATION"



Work Order:

4508876-A

Last Visit Date:

03-Nov-2020

Vendor PO Number:

4500279194

Survey Location:

Jeffersonville Port

Material Certification Report

Material Type Aluminum Alloy

Customer Name CONSTELLIUM ROLLED PRODUCTS RAVENSWOOD, LLC

WCN of Customer 593865

Location Jeffersonville Port

This is to certify that the undersigned Surveyors to this Bureau did at the request of CONSTELLIUM ROLLED PRODUCTS RAVENSWOOD, LLC, from to 03-Nov-2020, carry out the following Survey and report as follows:

Materials

Mill Sheet Number Date Shipped Grade

No. Of Piece (s) Total Weight (Kg) Remarks

Lot: 9490902

27-Oct-2020 5086 H116 5945.684

.125" x 96" x 288" Plate

Total

313164

5945.68

Statement of Work - Classification Service - Certification -

- For ABS Grades, all tests and examinations as required by the Rules were carried out and found satisfactory.
- Manufacturer test records and/or mill certificates were confirmed to comply with specification.
- Material accepted from a quality assurance plant. Results of above noted tests reviewed with specification.
- For details of Mechanical Properties and/or Chemical Composition, refer to the mill/manufacturer's records.

Closing Paragraph:

Tests and examinations as required by the Rules and/or specifications as listed in this report were carried out and found satisfactory.

Attending Surveyor(s):

Eyssen, Ralph A. Signed-off Date: 03-Nov-2020

Reviewing Surveyor(s)

Work Order Reviewer: Powell, Robert Neal Work Order Credit Date: 03-Nov-2020

This tracers and ances that the surrey reported boron was chared out in compliance, with one or more of the Pales, quality, standards or once comes or the Tiver can thire as of Shipping and is bound solely for the tipe of the Bureau, its committees, its cheese as other extremented entries. This Reports is increasingly or the distributes sell, atroprom, bein of material equipment, mechanics and other stem covered by this Report has been expanned for compliance sent, or has men see nemons of the Rules, guides, standards or other criteria of American Burras of Shipping. The validity applicability and interpretation of this Report is specified to The Rivies and standards of American Bureau of Shipping who shall remain the solls judge thereof. Nothing contained in this Report or in association make a escharabbion of this Report shall be deemed to relieve any designer, builder, owner, regnalacturer, seller, supplier, repairer, operator or other entry of any wormer, espress or browing



SHIPPER:

AIRGAS USA, LLC 340 MURPHY RD HARTFORD, CT 06114-2127 860-251-6532

SHIP TO: 2582385 LYNN WELDING CO INC 75 ROCKWELL RD NEWINGTON, CT 06111-5564 860-667-4400

DELIVERY ORDER

SOLD BY: AIRGAS USA, LLC 340 MURPHY RD HARTFORD, CT 06114-2127 860-251-6532

SOLD TO: 2582385 LYNN WELDING CO INC 75 ROCKWELL RD NEWINGTON, CT 06111-5564 FOR LOCATION NEAREST YOU VISIT WWW.AIRGAS.COM

DELIVERY ORDER #8104669087

PAGE 1 OF 1 ORDER DATE: 11/24/2020 SCH SHIP DATE: 11/24/2020

PRINTED: 08:23 11/24/2020 SALES ORDER: 1095236441

CUST PO # 21613 **RELEASE**#

ORD BY Dave Regina

860-667-4400

ENT BY STACSULLIV

Order Type	Payment Terms		Incoterm	Route	Sales Office	Plant	Sales		ontainers
Ct 1 1					Office		Org	Ship	Return
Standard Order	NET 30	, and the second	Collect	UPS Grnd Collect	N352	N352	NO00		

SHIPPING INST: V**Converted: Customer Keys: [.PROFILE_T 051630] V19-NOV-2002 12:20 PM - DE

***ACTUAL WIRE CERT!!!!! V05-MAR-2007 04:30 PM - tompinson

PLEASE BILL FREIGHT TO UPS ACCT# 9443F1

SHIPPING INST: 9443F1

		31111 P 1143 1143 1 3443 F 1	-//			7/6
Qty Ship	Type HM	Description & Hazard Class	Qty Order	Qty B/O	Bin Loc	WT
20	LB	Line# 10 Material# ATC535636125 Stor. Loc. F001	20	0	ALUM-1	20 LB
		ROD TIG ALUMINUM ER5356 1/8 X 36 10LB TUBE 60LB CARTON			V.	
		NEED CERT & MTR		9	1/2	
1		MUST BE FLAG TAGGED ON ONE END.				
					10	
		MUST BE TESTED TO AWS A5.01 SCHEDULE J, LOT CLASSIFICATION S2.				
		LEVEL OF TESTING SCHEDULE 5 OR J.	V.			
	6	MUST BE STATED ON CERT.	1/2			
	(1)	FILLER METAL SHALL BE SUPPLIED BY THE ORIGINAL MANUFACTURER'S				
		SEALED CONTAINER)-		e.
		(REPACKAGING BY DISTRIBUTOR IS NOT ACCEPTABLE)	C			
		(NEL MENTALLE)				
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PURCHASER AGREES TO OBTAIN SAFETY DATA SHEETS (SDS) FROM ONE OF THE FOLLOWING SOURCES; POINT OF PURCHASE, AIRGAS WEB SITE AT 47WW.AIRGAS.COM> OR BY CALLING THE ABOVE LISTED EMERGENCY CONTACT PHONE NUMBER AND SELECTING OPTION #3

THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION

PLACARDS OFFERED

ACCEPT REJECT

CUSTOMER MUST INITIAL CHOICE

THIS AGREEMENT IS SUBJECT TO AIRGAS' STANDARD TERMS AND CONDITIONS SEE REVERSE SIDE FOR IMPORTANT SAFETY INFORMATION.

ACCEPTED FOR THE ABOVE CUSTOMER

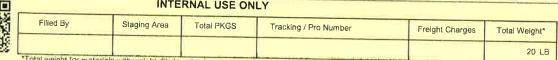
NAME PLEASE PRINT

AIRGAS PERSONNEL

DATE

T.O.D.

INTERNAL USE ONLY





AIRGAS TERMS AND CONDITIONS OF SALE

WARNING: TRANSPORT AND USE OF COMPRESSED GASES MAY BE EXTREMELY DANGEROUS. DO NOT TRANSPORT WITHOUT PROTECTIVE CAPS, IN CONFINED SPACES OR IN ANY OTHER IMPROPER MANNER.
ALWAYS TRANSPORT CYLINDERS IN A SECURED UPRIGHT POSITION. SAFETY DATA SHEETS ("SDS") ARE AVAILABLE AT AIRGAS COM.

EACH SALE OF PRODUCTS BY AIRGAS USA, LLC, OR ONE OF ITS AFFILIATES ("SELLER"), SHALL BE GOVERNED BY THE TERMS AND CONDITIONS BELOW AND THE TERMS OF SALE FOUND AT HTTP://
WWW.AIRGAS.COM/TERMS-OF-SALE (COLLECTIVELY, THE "TERMS"). IF YOU DO NOT HAVE ACCESS TO THE INTERNET, YOU MAY REQUEST A COPY OF THE TERMS OF SALE FROM YOUR AIRGAS CUSTOMER SERVICE REPRESENTATIVE, "BUYER" REFERS TO THE PURCHASER OF PRODUCTS FROM SELLER, "PRODUCT(S)" REFERS TO ANY GOODS PROVIDED BY SELLER TO BUYER.

1. CYLINDERS: UNLESS OTHERWISE SPECIFIED, CYLINDERS, FITTINGS AND CAPS COVERED BY THESE TERMS ARE RENTED TO BUYER AT SELLER'S CURRENT DAILY RATES, BEGINNING WITH THE DATE OF DELIVERY, RENTAL CHARGES ARE ASSESSED AS OF THE LAST DAY OF EACH MONTH OR ATTHE START OF EACH ANNUAL LEASE PERIOD, AS APPLICABLE, BUYER SHALL NOT PERMIT CYLINDERS OF THE START OF EACH ANNUAL LEASE PERIOD, AS APPLICABLE, BUYER SHALL NOT PERMIT CYLINDERS OF THE START OF EACH ANNUAL LEASE PERIOD, AS APPLICABLE, BUYER SHALL RETURN, IN GOOD AND NON-CONTAMINATED CONDITION, ALL CYLINDERS, WITH VALVES CLOSED, COMPLETE WITH CAPS AND FITTINGS AND SHALL PAY SELLER THE REPLACEMENT VALUE OF ANY LOST OR DAMAGED CYLINDERS, CAPS OR FITTINGS AND FOR ANY LOSS OR DAMAGE CAUSED BY BUYER CONTAMINATION, UNLESS SUBJECT TO AN ANNUAL LEASE, ANY CYLINDER NOT RETURNED TO SELLER WITHIN THREE (3) MONTHS OF ITS SHIPMENT DATE WILL BE CONSIDERED LOST. PAYMENT BY THE BUYER OF CHARGES FOR DAMAGED, LOST OR DESTROYED CYLINDERS SHALL NOT GIVE ANY OWNERSHIP INTEREST IN THE CYLINDERS TO THE BUYER.

2. PAYMENT: UNLESS OTHERWISE SPECIFIED, BUYER SHALL MAKE PAYMENT IN FULL WITHIN THIRTY (30) DAYS AFTER THE DATE OF SELLER'S INVOICE, IF BUYER FAILS TO MAKE ANY PAYMENT WHEN AND AS DUE, SELLER MAY CHARGE BUYER INTEREST AT THE LESSER OF ONE-AND-ONE-HALF PERCENT (1.5%) PER MONTH (MINIMUM TWO DOLLARS (\$2.00)) OR THE HIGHEST RATE PERMITTED BY LAW CALCULATED FROM AND EXCLUDING THE DUE DATE THEREOF TO AND INCLUDING THE DATE OF PAYMENT. IF BUYER REQUESTS PAYMENT TERMS OTHER THAN CASH ON DELIVERY (COD), BUYER REPRESENTS THAT THE PURCHASES ARE MADE FOR BUSINESS, COMMERCIAL OR AGRICULTURAL PURPOSES AND NOT FOR PERSONAL, HOUSEHOLD, OR FAMILY USE, IF BUYER HAS RECEIVED CREDIT APPROVAL FROM SELLER, CONTINUED OPEN ACCOUNT CREDIT IS SUBJECT TO SELLER'S ASSESSMENT OF BUYER'S FINANCIAL CONDITION AND ABILITY TO PAY. IF SELLER EMPLOYS ANY COLLECTION AGENCY OR ATTORNEY TO COLLECT ANY AMOUNT DUE SELLER, AND/OR TO REPOSSESS ANY PRODUCTS, BUYER SHALL PAY ALL COLLECTION FEES, ATTORNEYS' FEES, AND COURT COSTS, IN ADDITION TO THE AMOUNT OTHERWISE UNPAID.

3. TAXES: TAXES IMPOSED BY FEDERAL, STATE OR LOCAL GOVERNMENTS ON THE SALE, USE OR POSESSION OF PRODUCTS SHALL BE PAID BY BUYER IN ADDITION TO THE PURCHASE PRICE.

4. RETURNS: NO PRODUCTS SHALL BE RETURNED WITHOUT SELLER'S WRITTEN AUTHORIZATION, BUYER SHALL PAY A FIFTEEN PERCENT (15%) RESTOCKING CHARGE ON ALL PRODUCTS RETURNED, EXCEPT FOR RETURNS MADE UNDER SECTION 7 HEREOF.

5. WARRANTY AND CLAIMS: SELLER WARRANTS THAT, AT THE TIME OF DELIVERY, ALL PRODUCTS FURNISHED HEREUNDER SHALL CONFORM TO THE MANUFACTURER'S OR SELLER'S SPECIFICATION FOR THE PERIOD OF TIME SET FORTH IN SUCH SPECIFICATION OR, IF NONE, FOR A PERIOD OF NINETY (90) DAYS, SELLER SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED STANDARDS, GUARANTEES, OR WARRANTIES, INCLUDING ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT AND ANY WARRANTIES THAT MAY BE ALLEGED TO ARISE AS A RESULT OF CUSTOM OR USAGE. ALL CLAIMS BY BUYER HAVING ANYTHING TO DO WITH ANY PRODUCTS FURNISHED BY SELLER SHALL BE MADE IN WRITING WITHIN TEN (10) DAYS AFTER THE DELIVERY OF THE PRODUCTS AND FAILURE OF BUYER TO GIVE SUCH NOTICE SHALL CONSTITUTE A COMPLETE WAIVER BY BUYER OF ANY SUCH CLAIMS AND DEFENSE FOR SELLER AGAINST ANY SUCH CLAIMS.

6. LIMITATION OF LIABILITY: SELLER SHALL NOT BE LIABLE FOR ANY DIRECT (EXCEPT AS EXPRESSLY PROVIDED HEREIN), INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL AND/OR PUNITIVE DAMAGES, ARISING OR ALLEGED TO ARISE OUT OF OR IN CONNECTION WITH ANY PRODUCT OR EQUIPMENT SOLD OR LEASED HEREUNDER, WHETHER SUCH DAMAGE RESULTS FROM ANY NEGLIGENT ACT OR OMISSION OR IS RELATED TO STRICT LIABILITY, OR OTHERWISE.

7. REMEDY: BUYER'S EXCLUSIVE REMEDY FOR EACH UNEXCUSED FAILURE OF PRODUCT TO MEET SPECIFICATION SHALL BE, AT SELLER'S OPTION, TO RECEIVE A REFUND OF THE PRICE OF SUCH NON-CONFORMING PRODUCT OR REPLACEMENT THEREOF WITH PRODUCT THAT MEETS SUCH SPECIFICATION. BUYER'S EXCLUSIVE REMEDY FOR THE UNEXCUSED FAILURE, BY SELLER TO DELIVER PRODUCT AS SPECIFICA, REGARDLESS OF THE CAUSE OF SUCH FAILURE, INCLUDING NEGLIGENCE, SHALL BE TO RECOVER THE DIFFERENCE BETWEEN THE COST TO BUYER OF ANY SUBSTITUTE FOR PRODUCT NOT DELIVERD AND THE LESSER PRICE OF SUCH QUANTITY OF PRODUCT HEREUNDER.

8. COMPLIANCE/SDS: BUYER SHALL COMPLY WITH ALL APPLICABLE LAWS REGARDING THE SAFE HANDLING, TRANSPORTATION AND USE OF PRODUCTS. BUYER ACKNOWLEDGES AND AGREES THAT SELLER HAS PROVIDED RELEVANT SDS. SDS ARE AVAILABLE: (I) AT THE LOCAL AIRGAS BRANCH; (II) BY CALLING 919-368-8518; OR (III) AT AIRGAS.COM.

9. ITEMIZED CHARGES: THE TOTAL AMOUNT DUE FROM BUYER MAY INCLUDE VARIOUS ITEMIZED CHARGES, INCLUDING: CHARGES FOR THE HANDLING OF HAZARDOUS MATERIALS AND FOR COMPLIANCE WITH LAWS AND REGULATIONS CONCERNING HAZARDOUS MATERIALS; CHARGES FOR HANDLING, DELIVERY, AND SHIPPING; AND/OR CHARGES FOR ENERGY OR FUEL. NONE OF THE CHARGES REPRESENTS A TAX OR FEE PAID TO OR IMPOSED BY ANY GOVERNMENTAL AUTHORITY AND ALL OF THE CHARGES ARE RETAINED BY SELLER. SELLER HAS NOT SPECIFICALLY QUANTIFIED THE RELATIONSHIP BETWEEN THE CHARGES AND THE ACTUAL COSTS ASSOCIATED WITH THE CHARGES, WHICH CAN VARY BY PRODUCT, SERVICE, TIME AND PLACE, AMONG OTHER THINGS.

EMERGENCY RESPONSE INFORMATION

	The state of the s	ry Response Telephone Number on Shipping Paper file	and a	
ir—				
	ACETYLENE	AIR NITROUS OXIDE	CO ₂ LIQUID CO ₂	ARGON NITROGEN
	MAPP	OXYGEN LIQUID O2	LIQUID AR GON LIQ U ID №	HELIUM
POTENTIAL HAZARDS	POTENTIAL HAZARDS	POTENTIAL HAZARDS	POTENTIAL HAZARDS	POTENTIAL HAZARDS
FIRE OR EXPLOSION • EXTREMELY FLAMMABLE	FIRE OR EXPLOSION • EXTREMELY FLAMMABLE	FIRE OR EXPLOSION	HEALTH	Vapors may cause dizziness or asphyxiation
Will be easily ignited by heat sparks or llames	Will be easily upplied by heat sparks or flames	Substance does not burn but will support combustion Some may react explosively with Itiels	Vapors may cause dizziness or asphyxialion without warning	without warning
Will form explosive mixtures with air.	Will be easily ignited by heat sparks or flames Will form explosive mixtures with air.	 May ignite combustibles (wood, paper, oil, clothing, etc.) 	Vapors from liquefied gas are unitally heavier than air	without warning. Without Figure of this are include his are an are
Vapors from liquefied gas are initially heavier than air, spread along ground and may travel to source of ignition and flash back.	Silane will ignite spontaneously in air Those substances designated with a (P) may polymerize	 Vapors from liquelied gas are initially heavier than air, spread along ground and may havel to source of ignition and flash back 	and spread along ground	FIRE OR EXPLOSION
CAUTION: Hydrogen (UN1049), Deuterium (UN1957), Hydrogen,	evolucively when healed at involved in a life	Runolf may create fire or explosion hazard	Contact with gas or liquetied gas may cause burns sever a must and/or trostbile.	Non-flammable gases
refrigereted Ilquid (UN1966) and Methene (UN1971) are lighter than air and will rise. Hydrogen and Deuterium lines are difficult to detect	Vapors from liquelled gas are initially heavier than air, spread along ground and thay iravel to source of ignition.	Containers may explode when heated	FIRE OR EXPLOSION	Containers may explode when healed
since they burn with an invisible flame. Use an alternate method of	spread along ground and may frevel to source of ignition and flash back	Ruplured cylinders may rocket HEALTH	Non-flammable gases Containers may explode when heated	Ruptured cylinders may rocket PUBLIC SAFETY
detection (thermal camera, broom handle, etc.).	Cylinders exposed to lire may vent and ratease liammable	 Vapors may cause dizziness or asphyxiation without warning 	Ruplured cylinders may rocket	Isotate spill or lenk area immediately for at least 100-
Cylinders exposed to fire may vent and release flammable gas	gas through pressure relief devices	Contact with gas or liquelied gas may cause burns, so are injury and/or frostbile.	PUBLIC SAFETY	minera (300 Next) Virall directions
through pressure relief devices Containers may explode when heated	Containers may explode when heated Ruplured cylinders may rocket	Fire may produce imitating and/or loxic gases	Isolate spill or leak area immediately for at least 100	Keep unauthorized personnel away Stay upwind
Ruptured cylinders may rocket	HEALTH	PUBLIC SAFETY	meters (330 feet) in all directions * Keep unauthorized personnel away	 Many gases are heavier than air and will spread
Vapois may cause dizziness or asphyxialion without warning	Vapors may cause dizziness or asphyxiation without warning	 Isolate spill or leak area immediately for at least 100 meters (330 	Stay upwind	along ground and collect in low or confined areas
Some may be irritating it inhaled at high concentrations	Some may be toxic if inhaled at high concentrations Contact with gas or liquefied gas may cause burns, severe	leet) in all directions • Keep unauthorized personnel away	Many gases are heavier than air and will spread along	(sewers, basements tanks) • Keep out of low areas
 Contact with gas or liquelied gas may cause burns, severe injury. 	injury and/or frostbite	Stay upwind	ground and collect in low or confined areas (sewers basements tanks)	Ventilale closed spaces before entering
and/or frostbite Fire may procluce irritating and/or loxic gases	Fire may produce irritating and/or toxic gases	 Many gases are heavier than air and will spread along ground and 	Keep out of low areas	PROTECTIVE CLOTHING
PUBLIC SAFETY	PUBLIC SAFETY Isolate spill or leak area immediately for at least 100 meters	collect in law or confined areas (sewers, basements lanks)	Venidate closed spaces before entering	Wear positive pressure self-contained breathing apparatus (SCBA)
 Isolate spill or leak area immediately for al least 100 meters 	(330 feet) in all directions	Keep out of low areas Ventitale closed spaces before entering	Wear nostlive pressure self-contained breathing	Structural lirelighters, protective clothing will only
(330 feel) in all directions	Keep unauthorized personnel away	PROTECTIVE CLOTHING	Wear positive pressure self-contained breathing apparalus (SCBA)	provide limited protection EVACUATION
Keep unauthorized personnel away Stay upwind	Stay up wind Many gases are beavier than air and will spread along.	Wear positive pressure self-contained breathing apparatus (SCBA)	Circultural fresholdare protective clothers will only	Large Spill - Consider initial downwind evacuation for
Many gases are heavier than air and will spread along ground and	ground and collect in low or confined areas (sewers.	Wear chemical protective clothing which is specifically	provide limited protection Always wear thermal protective clothing when	at least 100 meters (330 feet)
collectin low or confined areas (sewors, basements tanks) • Keep out of low areas	basements (anks) Keep out of low areas	recommended by the manufacturer. It may provide little or no	nationing reinigerated/cryogenic siguios or solids	ISOLATE for completes (1/2 mile) in all directions
PROTECTIVE CLOTHING	PROTECTIVE CLOTHING	Structural tretrotters projective utilities in recommended for true	EVACUATION Large Spill - Consider initial downwind evacuation for at	also, consider initial el acuation for 800 meleis
Wear positive pressure cell contained breathing apparatus (SCBA)	 Wear positive pressure self contained breathing apparatus 	Structural liretighters protective clothing in the structural birds of the structural structur	Jacci 100 majore (330 Jeen)	(1/2 mile) in all directions
 Structural firefighters projective clothing will only provide limited protection 	(SCBA) • Structural firefighters, protective clothing will only provide	contact with the substance is possible Always wear thermal protective clothing when handling refrigerant/	Fire - If lank, rail car or lank truck is involved in a fire.	EMERGENCY RESPONSE
Always wear thermal protective clothing when handling	Imited protection	cryogenic liquids	ISOLATE for 800 meters (1/2 mile) in all directions, also consider initial evacuation for 800 meters (1/2 mile) in	Use extinguishing agent suitable for type of
refrigerant/cryogenic liquids	EVACUATION	EVACUATION	all directions	surrounding fire
EVACUATION Large Spill - Consider initial downwind evacuation for at least 800	Large Spill - Consider initial downwind evacuation for at least 800 meters (1/2 mile)	Large Spill - Consider initial downwintlevacuation for at least 500 meters (1/3 mile)	EMERGENCY RESPONSE	Move containers from lire areas if you can do it without risk
meters (1/2 mile)	Fire - If Lank, rail car or lank truck is involved in a lire, ISOLATE	Fire - It lank, rail car or tank truck is involved in o line, ISOLATE	FIRE Use extinguishing agent suitable for type of	Damaged cylinders should be handled only by
Fire - If tank rail car or tank truck is involved in a tire. ISOLATE for	for 1600 meters (1 mile) in all directions also consider initial	for 800 meters (1/2 mile) in all directions, also, consider initial	surrounding lire	specialists
1600 meters (1 inite) in all directions, also, consider initial evacuation for 1600 meters (1 mile) in all directions.	evacuation for 1600 maters (1 mile) in all directions EMERGENCY RESPONSE	evacuation for 800 meters (1/2 mile) in all directions EMERGENCY RESPONSE	Move containers from fire areas if you can do it.	Fire Involving Tanks Fight lire from maximum distance or use unmanned.
EMERGENCY RESPONSE	FIRE - DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS	FIRE - Use extinguishing agent suitable for type of surrounding life	wilhout risk Damaged cylinders should be handled only by	hase forders or montar roazles
FIRE - DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS	LEAK CAN BE STOPPED	Small Fires - Dry chemical or CO:	specialists	Cool containers with flooding quantities of water until
LEAK CAN BE STOPPED CAUTION: Hydrogen (UN1049), Deuterium (UN1957) and	Small Fires Dry chemical or CO Large Fires	Large Fires Water spray log or regular loam	Fire Involving Tanks	well after lire is out Do not direct water at source of leak or safety
Hydrogen, refrigerated liquid (UN1966) burn with an invisible	Water spray or fog	Move containers from fire area if you can do it without risk	Flight fire from maximum distance or use unmanned	devices icing may occur.
flame. Hydrogen and Methane mixture, compressed (UN2034)	 Move containers from fire area if you can do it without risk. 	 Damaged cylinders should be nandled only by specialists 	Cool containers with flooding quantities of water until	Withdraw immediately in case of rising sound from
may burn and an invitable flama Small Fires - Dry chemical or CO	Fire Involving Tanks • Fight line from maximum distance or use unmanned hose	Fire Involving Tanks Fight lire from maximum distance or use unmanned hose holders	well after fire is out • Do not direct water all source of leak or safety devices	venting safety devices or discoloration of lank ALWAYS stay away from tanks engulled in lire
Large Fires	hiplders, or monitor pozzles	or manuar augztus	Light may occur	SPILL OR LEAK
Water spray or log Move containers from fire area if you can do it without risk	Cool containers with flooding quantities of water until well	Cool containors with flooding quantities of water until well after.	Withdraw immediately in case of using sound from	Do not louch or walk through spilled material Stop leak if you can do it without risk and, if possible.
Fire Involving Tanks	after the is aut Do not direct water at source of leak or safety devices using	Do not direct water at source of leak or safety devices icing	verring salety devices or discoloration of tank • ALWAYS stay away from tanks engulled in fire	turn leaking containers so that gas escapes rather
Fight fire from maximum distance or use unmanned hose holders.	may ogon(may occur	SPILL OR LEAK	than liquid
or monitor nozzles Cool containers with flooding quantities of water until well after	Withdraw immediately in case of rising sound from venting	Withdraw immediately in case of using sound from venting safety devices or discoloration of tank	Do not touch or walk through spilled material	Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact.
fire is out	salety devices or discoloration of tank ALWAYS stay away from the ends of the tenk	ALWAYS slay away from tanks enguiled in lire	Stop teak if you can do it without risk and, if possible form leaking containers so that gas escapes rather	spilled material
Do not direct water at source of leak or safety devices roing may occur.	For massive fire, use unmanned hase holders or monitor	 For massive life use unmanned base holders or monitor nozzlos it. 	than liquid	Do not direct water at spill or source of leak.
Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank	nozzles if this is impossible withdraw from area and let	this is impossible withdraw from area and fel fire burn SPILL OR LEAK	Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact	Prevent entry into waterways, sewers, basements or confined areas
ALWAYS stay away from the ends of the tank	SPULORIEAK	Keep combusinies (wood, paper, oil, etc.) away from spilled material Do not touch or walk through spilled material	spilled material	Allow substance to evaporate
For massive fire use unmanned hose holders or monitor nozzles, if this is impossible, withdraw from alea and let fire burn.	ELIMINATE all ignition sources (no sinoking, llares, sparks or	Do not touch or walk through sailled material	Do not direct water at spill or source of leak.	Vonidate the area
SPILL OR LEAK	flames in immediate area) All equipment used when handling the product must be	Slop leak if you can do if without risk and if possible, furn leaking containers so that gas escapes rather than liquid.	Prevent entry into waterways, sewers, basements or confined areas	Move victim to besh air.
ELIMINATE all ignition sources (no smoking flares, sparks or	grounded	Do not direct water at spill or source of leak	Allow substance to evaporate	Call 911 or emergency medical services
(flames in immediate area) • All equipment used when handling the product must be grounded	Stop leak if you can do it without risk and iff possible, turn leaking containers so that gas escapes rather than liquid.	Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoif to contact softled material.	Ventifate the area.	Give artificial respiration if victim is not breathing Administer oxygen if breathing is difficult.
Do not touch or walk through spilled material.	Do not louch or walk through spilled material.	Prevent entry into waterways, sewers, basements or confined.	CAUTION: When in contact with refrigerated/ cryogenic liquids, many materials become brittle and	Keep victim warm and quiet
Stop teak if you can do it without risk and, if possible, turn leaking	Do not direct water at spill or source of leak	arcas	are likely to break without warning.	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect
containers so that gas escapes rather than liquid Use water spray to reduce vapors or divert vapor cloud drift	Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact spilled material.	Alfow substance to evaporate Isolate area until gas has dispersed.	FIRST AID Move victin to fresh al:	themselves
Avoid allowing water runoff to contact spilled material	Pre-ent entry into waterways, sewers, basements or	CAUTION: When in contact with refrigerated/cryogenic liquids.	Call 911 or emergency medical services	110-1100-100
Do not direct water at spill or source of loak Prevent spreading of vapors through sewers, ventilation systems.	conlined areas	many materials become brittle and are likely to break without	Give artificial respiration if victim is not breathing.	
and conlined areas	Isolate area until gas has dispersed FIRST AID	warning. FIRST AID.	Administer oxygen if breathing is difficult Clothing frozen to the skin should be thawed before	
 Isolate area until ogs has dispersed. 	Move victim to fresh air	Move victes to fresh av.	being removed	
CAUTION: When in contact with refrigerated/cryogenic liquids, many materials become brittle and are likely to break without warning.	Call 911 or emergency modical services Give artificial respiration if victim is not breathing.	Call 91/1 or emergency medical services Give artificial respiration if victim is not breathing.	th case of contact with liquided gas, thaw frosted	
FIRST AID	Administer oxygen if breathing is difficult.	Administer oxygen if breathing is difficult.	perts with lukewarm water • Keep with warm and quet.	
Move victim to liesh air.	Remove and isolate contaminated clothing and shoes	Remove and isolate contaminated clothing and shoes	Ensure that medical personnel are aware of the	
Call 911 or emergency medical services Giver artificial respiration if victim is not breathing.	In case of contact with liquelied gas, thaw trosted parts with lukewarm water	Clothing frozen to the skin should be thawed before being removed In case of contact with liquefied gas, thaw frosted parts with	material(s) involved and take precautions to protect	
Administer oxygen if breathing is difficult.	 In case of burns, immediately cool affected skin for as 	lukewarm water	themselves	
Remove and isolate contaminated clothing and shoes	long as possible with cold water. Do not remove clothing if	Keep victim warm and quiet		
Clothing frozen to the skin should be thawed before being removed In case of contact with liquelied gas, thaw trosted parts with	adhering to skin Keso victim warm and quiet	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.		
lukewarm water	Ensure that medical personnel a e aware of the material(s)			



Alcotec Wire Corporation 2750 Aero Park Drive Traverse City, MI 49686-9263 USA (231) 941-4111 Phone (231) 941-9154 Sales & Marketing Fax (231) 941-1040 Adm. & Quality Control Fax alcotec@alcotec.com Email

CERTIFIED MATERIAL REPORT

Package Description

Lot Number

1/8 (3.2mm) x 36(900mm)

RB20432329

RODS

P.O. Number: 4518252806

Date of Manufacture : 10/24/2020

Item:

Lot No:

R5356

535636125

Description:

1/8 (3.2mm) x 36(900mm) R5356

RODS

RB20432329

Date of Manufacture:

10/24/2020

Chemical Composition Limits:

Element	Result	Minimum %	Maximum
Silicon (Si)	0.05	(1	0.25
Iron (Fe)	0.12		0.40
Copper (Cu)	< 0.01		0.10
Manganese (Mn)	0.14	0.05	0,20
Magnesium (Mg)	5.0	4.5	5.5
Chromium (Cr)	0.06	0.05	0.20
Zinc (Zn)	< 0.01		0.10
Titanium (Ti)	0.07	0.06	0.20
Beryllium (Be)	< 0.0001		0.0003
Other Each (OE)	< 0.05		*******
Other Total (OT)	< 0.15		
Aluminum (Al)	94.48 F	Remainder	

Chemical Analysis Method per ASTM E 1251 Analysis meets the requirements of AWS A5.10:2017.

- * Material furnished under this order is commercially free from contamination by the presence of mercury or cadmium.
- * Material manufactured in the USA.
- * All packaging materials are in compliance with CONEG legislation.

AlcoTec Wire Corporation hereby certifies that the material covered by this report has been inspected in accordance with and been found to meet the applicable requirements of specification ANSI/AWS A5.10:2017, ASMESFA A5.10 Section II, Part C, ANSI/AWS A5.01-2013 Level of Testing ~F, Traceability Class S1(or as requested by the purchase order) and any order requirements listed below.

Material Level of Testing: Schedule J, Traceability Class S2 of AWS A5.01 Bead-on-Plate Results: Passed AWS A5.10

Material is from a DFARS compliant country of origin

CMTR ALC REV. 1

12/19/2017

Approved By: T. Makar

Quality Assurance Manager

AB & Testing Inc.

95 FIRST STREET • P.O. BOX 868 • BRIDGEWATER, MASSACHUSETTS 02324 TELEPHONE 508 - 697 - 6068 • FAX # 508 - 697 - 6154

MECHANICAL TEST REPORT (RECTANGULAR SECTION)

ABC Testing Project:	2105072	Date:	May 12, 202	21
Customer: Marion Test	ing & Inspection	Purchase order	ver	bal
Code or Standard:		AWS B4.0	_	
PQR #, Heat #, or other:	Lyn	n PQR GTA-S25A	122B-125-0	
Material type & Dimensio	ns:	see table be	elow	
Remarks:	(2) Tensiles per	PQR Labeled TS1	and TS6	
	8	-/-/-		
TENSILE TESTS		9		4
Type and Figure	Tr	ansverse Rectang	gular	1
,	- / X,			
Specimen Width	Thickness A	rea Ultimate	Ultimate	Type of

	Specimen	Width	Thickness	Area	Ultimate	Ultimate	Type of	1.
	7			0	Load	Strength	Failure &	0/
		(inches)	(inches)	(sq. inch)	(pounds)	(PSI)	Location	(0/.
<i></i>	TS1	1.493	0.115	0.172	6,750	39,314	duct-weld	
10	TS6	1.495	0.118	0.176	6,900	39,113	duct-weld	
)_		0~		1/4			0
	(V _A							
						7		
			7	1				
	2.5	1	20	Ву		000	erey	
	Or Ly	7	77/4	By		James Farl	00.1	
	Ox Ly	7		By		000	00.1	



196 WOODLAWN ROAD BERLIN, CT 06037 Phone 860-828 -6333 / Fax 860-828 -7488

CERTIFICATE OF INSPECTION

LYNN WELDING CO, INC 75 ROCKWELL RD NEWINGTON, CT 06111 860-667-4400 CERTIFICATION 1237024946-3 Customer No 657254

Customer Job 31930-01 Customer PO 22448 Date Completed 04/12/2021

(· · · · · · · · · · · · · · · · · · ·		\		
Customer Count	Team Count	Part Number	Part I	Description	Ox	Qty Passed	Qty Failed
1	1	NAVSEA	TEST	PLATES		1	0
		PQRS9074-AQ-GIB-010/2					
		REVS9074-AQ-GIB-010/		OF MATERIAL AN			
				KNESS: S-25 TO S-			
		PART OR DRAWING		Y: ASTM B-928 ALL	OY 5086-H116		
		NUMBER:PQR:	1/8-IN	ICH THICK			
		GTA-S25A22B-125-O	CONI	DITION (AS WELDE	D OD HEAT		7
				TED) AS WELDED			
			TINE	(ILD) AO WEEDED	<i>-</i>		
			LENG	TH OF PLATE: 15 I	NCH		
				/			
				OF WELD JOINT: (
			B1S.1	PER MIL-STD-22D			
			38/11/5	THER ODIOINAL OF	D DEDAID, ODIOINAL		
	O_{-}		WHE	I HER ORIGINAL OF	R REPAIR: ORIGINAL		
Method						10/.	
		nt Inspection				4//	
Specification		(1)				(//	
		4-AS-GIB-010/271 REV	TYPE 2				
1	RAGRAP	H 5.4.1					
Procedure	VOEA 4	DEV/11					
PI.NA	VSEA.1	KEVII	× ,				

Remarks

Acceptance Criteria

PT ACCEPT

MIL-STD-2035A CLASS 1

We hereby certify that the above parts, materials, or services specified on and provided against the above referenced purchase order meet or exceed all of the requirements and specification of the purchase order. TEAM Industrial Services, Inc., is accredited to NADCAP and the AS9100 Quality System.

No Mercury Contamination of parts by Vendor.

JOHN RICCIARDELLI 123/1-13 PT LEVEL III

Expires - 2/25/25

Team Cooperheat-MQS 196 Woodlawn Road Berlin, CT 06037

NDE PROCESS SHEET/PENETRANT

Form 23.A2-46-1C

Part No.: NAVSEA PQR	Rev.: N/A	Process Sheet # SAME	Suffix: N/A
Client: LYNN WELDING		6	
Item Description: TEST PLATE	ES		
Area of Inspection: 100% of we	ld		
Type: II	Method: C	Sensitivity: N/A	Developer Form: d
Specification:T9074-AS-GIB-0	10/271(REV11) Acceptance: I	MIL-STD-2035 (A) (CLASS 1)	4
Procedure: PT.NAVSEA. 1(R)	EV 11)		•

MASKING	[X] Yes [] No	Temperature: 50 to 100 F									
STEP 1 PRECLEAN	Method: Flush, Wipe, Immerse	Material: Acet	one	Drying Time: 10 min.							
STEP 2 PENETRANT	Material: SKL-SP	Application:	BRUSH	Dwell Time: 15 to 20 min.							
	Batch # 198017										
STEP 3 REMOVAL	Material: SKC-S Batch #	DRY LINT FREE CLOTH FOLLOWED V									
		COIL									
STEP 4 DRYING	Method: Normal evaporation		Time: 10 min	nutes							
STEP 5 DEVELOPING	Method: Spray										
OA	Material: SKD-S2 Batch		Developing Tir								
		06030	Minimum 7 mi	nutes							
STEP 6 INSPECTION	White light: 50 foot candles			· · · · · · · · · · · · · · · · · · ·							
- Cx				4//							
	Solvent Cleaning Evaluation Al	lowed [] Yes	[X] No	Material: N/A							
STEP 7 POSTCLEAN	Material: Water or Acetone		Method: Wash	or Immerse							
STEP 8 MARKING	[] Yes [X] No										
	Location/Method: N/A										
STEP 10 PACKING	Return as received or better	1									
STEP 10 PACKING	Return as received or better			9							
STEP 10 PACKING OTHER INFORMATION:	Return as received or better Other side is used for sketch or a	additional informa	ation. [] Yes	[X] No							
		additional informa	ation. [] Yes	[X] No							
OTHER INFORMATION:		9/									
The developing time	Other side is used for sketch or see begins when the solv	vent susper	ding the de	eveloper evaporates.							
The developing time	Other side is used for sketch or see begins when the solv	vent susper	ding the de								
The developing time Q-tips are the most e	Other side is used for sketch or see begins when the solve effective means of app	vent susper	ding the de	eveloper evaporates.							
The developing time	Other side is used for sketch or see begins when the solve effective means of app	vent susper	ding the de	eveloper evaporates.							
The developing time Q-tips are the most e	Other side is used for sketch or see begins when the solve effective means of app	vent susper	ding the de	eveloper evaporates.							
The developing time Q-tips are the most e	Other side is used for sketch or see begins when the solve effective means of app	vent susper	ding the de	eveloper evaporates.							
The developing time Q-tips are the most e	Other side is used for sketch or see begins when the solve effective means of app	vent susper	ding the do	eveloper evaporates.							

^{**}SPECIAL REQUIREMENTS SUMMARY**



196 WOODLAWN ROAD BERLIN, CT 06037 Phone 860-828 -6333 / Fax 8

Phone 860-828 -6333 / Fax 860-828 -7488

CERTIFICATE OF INSPECTION

LYNN WELDING CO, INC 75 ROCKWELL RD NEWINGTON, CT 06111 860-667-4400 CERTIFICATION 1237024946-2
Customer No 657254

Customer PO 22448

Date Completed 04/21/2021

NAME OF THE OWNER OWNER OF THE OWNER OWNE	de escape escape de la compa			4/_		
Customer Count	Team Count	Part Number	Part Description	Ox	Qty Passed	Qty Failed
1	1	NAVSEA	TEST PLATES		1	0
		PQRS9074-AQ-GIB-010/248				
		REVS9074-AQ-GIB-010/	TYPE OF MATERIAL			
			THICKNESS: S-25 TO			
		PART OR DRAWING	ALLOY: ASTM B-928	ALLOY 5086-H116		
		NUMBER:PQR:	1/8-INCH THICK			
		GTA-S25A22B-125-O				
			CONDITION (AS WEL			
			TREATED) AS WELDE	ED		
			LENGTH OF DUATE A	45 INOU		\mathbb{C}/\mathbb{Z}
			LENGTH OF PLATE: 1	15 INCH		
		CA	TYPE OF WELD JOIN	T. C ID IOINT DETAIL		
A			B1S.1 PER MIL-STD-2			
			DIO: IT EIX WIE OTD-2			
	/		WHETHER ORIGINAL	OR REPAIR: ORIGINAL		
** ()		\bigcirc				
Method						
	graphy	Cx .			4/4	
Specification		4 A C CIP 040/074				11.0
	EA 1907	4-AS-GIB-010/271)
Procedure	AVSEA.1	DEV/44	7),		C	
		REVII				
Acceptance (A CLASS 1				
IVIIL-S	10-2035/	A CLASS 1		1//		

Remarks

RT ACCEPT

CERT CORRECTION

We hereby certify that the above parts, materials, or services specified on and provided against the above referenced purchase order meet or exceed all of the requirements and specification of the purchase order. TEAM Industrial Services, Inc., is accredited to NADCAP and the AS9100 Quality System.

No Mercury Contamination of parts by Vendor

JOSHUA FOLLANSBEE 1237-19 LEVEL III.

Expires - 12/4/22



196 WOODLAWN ROAD BERLIN, CT 06037 Phone 860-828-6333 / Fax

Phone 860-828 -6333 / Fax 860-828 -7488

CERTIFICATE OF INSPECTION

LYNN WELDING CO, INC 75 ROCKWELL RD NEWINGTON, CT 06111 860-667-4400 CERTIFICATION 1237024946-4
Customer No 657254

Customer Job 31930-01
Customer PO 22448
Date Completed 04/21/2021

							10MODENNAME
Customer Count	Team Count	Part Number	Part Description	0x	Qty Passed	Qty Failed	
1	1	NAVSEA	TEST PLATES		1	0	
		PQRS9074-AQ-GIB-010/2					
		REVS9074-AQ-GIB-010/	TYPE OF MATERIA	L AND MATERIAL			
			THICKNESS: S-25	TO S-25, ALUMINUM	A		
		PART OR DRAWING		8 ALLOY 5086-H116			
		NUMBER:PQR:	1/8-INCH THICK				
		GTA-S25A22B-125-O	CVA				
			CONDITION (AS WI	ELDED OR HEAT		7	
			TREATED) AS WEL				
						0.	
			LENGTH OF PLATE	:: 15 INCH		CAL	
							V .
			TYPE OF WELD JO	INT: CJP JOINT DETAIL			
			B1S.1 PER MIL-STE	D-22D			
	A		WHETHER ORIGINA	AL OR REPAIR: ORIGINAL	0		
)~				
Method							
	graphy				4/4		
Specification							
	EA T9074	4-AS-GIB-010/271					
Procedure							
RT.NA	AVSEA.1	REV 11					
Acceptance 0	Criteria			· ()/.+			

Remarks

RT ACCEPT

MIL-STD-2035A CLASS

CERT CORRECTION

We hereby certify that the above parts, materials, or services specified on and provided against the above referenced purchase order meet or exceed all of the requirements and specification of the purchase order. TEAM Industrial Services, Inc., is accredited to NADCAP and the AS9100 Quality System.

No Mercury Contamination of parts by Vendor

JOSHUA FOLLANSBEE 1237-19 LEVEL III

Expires - 12/4/22

TEAM INDUSTRIAL SERVICES, INC.

RADIOGRAPHIC INSPECTION REPORT

Date 4/21/21

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Film F	rocessing	ZKAut □ Ma	omatic	Intensi	fying S	Scree	ns	From	00		-/-	_	В	ack		Radiographer	1 - 4	4	2/23/2		Film J	Reviewer	han In	4/21/2	à
Exposure No.	Weld No.	Section No.	Original or Repair	Geometr Unsharp	ness	/	//			/	Sono	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7	1		Service Held	S S S S S S S S S S S S S S S S S S S	Remark		4	7	Penetrameter Density	Weld Density	1. Single Wa	all
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TEAM Industrial Services 196 Woodlawn Rd. Berlin, CT 06037

Radiographic Standard Shooting Sketch *Specifications are of the current revisions

Form 20-4-46 Rev. 5

Customer: LYNN Welding

Vendor Code: N/A

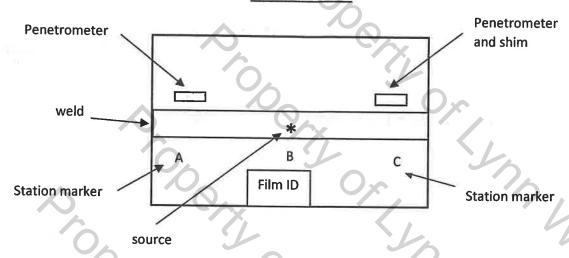
Part or Drawing Number & Revision:
PQR: GTA-S25A22B-125-O

RSSS# 123702496

As Cast As Welded Semi-Machined Machined Machin

Place sketches or pictures on this page

Overhead View









Lead Letter 'B' between cassette and Lead Backing