

RathGibson Janesville LLC

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JANESVILLE, WISCONSIN 53547-0389 U.S.A. PHONE 608-754-2222, FAX 608-754-0889 **2505 FOSTER AVENUE**

CERTIFIED REPORTS OF TESTS This certificate issued in accordance with EN

10204-3.1 Notified Body TUV Rheinland Group ISO 9001:2008 Cert No 01 100 095478 (TGA) / 74 300 2835 (ANAB) PED 01 202 USA/Q-02 0691

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CUSTOMER ORDER #	C297567/2	~			8 	رة 1	MEMON	KEYSTO	SOLD TO MARMON KEYSTONE CORP		OT 9HIP TO	SHIP TO MARMON KEYSTONE	
PURCHASE ORDER #	45-42768-2	Ġ				-	345 E LE	1345 E LEXINGTON AVE	I AVE			930 NORTH SANDUSKY AVE	WE
CERTIFICATION DATE	3/15/2016 1:15:20PM	1:15:20	PM			4	OMONA	POMONA, CA 91766	90			BUCYRUS, OH 44820	
SHIP VIA	RUAN COLLECT	LECT				_	UNITED STATES	TATES					
	SEASON OF THE STANDARY SEASON SEASON OF THE	1 4 2 0° 4 1 6°	S TDSOA	TDadal	ACEATE/A	CAN CAN	49/A249	A269/A5	4			ITEM NUMBER	JT0875108S30403300020
DESCRIPTION	, c c c c c c c c c c c c c c c c c c c	N 22	<u> </u>									QUANTITY	300 FT
	WELDED TUBE, BEAD REDUCED, BRIGHT SOLUTION ANNEALED	Tube, Be	EAD REC	UCED, E	RIGHT	SOLUTIC	N ANNE	ALED				NUMBER OF PIECES	15
PRODUCE LITE	1900F (10	1900F (1040C) MIN. QUENCHED IN INERT GAS ATM	COLENK	HEDIN	INERT (3AS ATM						MELT ORIGIN	NSA
REVISION DATE	ASME SA249-E15, ASTM A249-15, A269-158, A554-158	249-E15,	ASTMA	249-15, 4	1269-158	ı, A554-1	Şa					MELT PRACTICE	EAM / AOD
												MADE IN USA	
												POSITIVE MATERIAL ID OX (ASTM E1478)	OK (ASTM E1476)
CHEMICAL ANALYSIS (WT%)	WT%)	Ï	Heat # X6A3	6A3									
	U	Z,	۵.	S	₩.	ठ	Z	8	70	z			
Heat Analysis	0.019	1.75	0.034	0.0104 0.28	0.28	18.1	8.10	0.42	0.50	60.0			
Product Analysis	0.020	1.75	0.032	0.0099 0.21	0.21	18.0	8.07	0.42	0.47	0.08			
MECHANICAL TEST(S)												MIDA	ANSIIAI TEST DASS
YIELD STRENGTH (0.2% OFFSET)	.2% OFFSET	E	TENS	TENSILE STRENGTH	HLENE			ELC	ELONGATION (% IN 2")	N 2")	HARDNESS	TOO!	
54800 PSI (378 MPA)			89000	89000 PSI (614 MPA)	t MPA)			28			HRB 85		
55600 PSI (384 MPA)			89000	89000 PSI (614 MPA)	1 MPA)			88			HRB 85	e	
FLANGE TEST - PASS	S		REVE	REVERSE BEND - PASS	4D - PAS	ស៊		RE	REVERSE FLATTENING - PASS	NING - PASS	Dimensions - 1755	•	
FLATTENING TEST - PASS	PASS		FLAR	FLARE TEST - PASS	PASS				EDDY CURRENT - PASS	PASS			

ATTEST: Ranchison larresvile LLC does not use morcury, lead, sulfar or any special most alloy which is liquid at ambient temperature in its product or facility. There are no known destinantial materials in the line marking int. Weld repair was not used to manufacture this product is approached to the products targeted in the U.S. Clean At Act of 1960, and is complean Community Robics Directive 201165/EU. We hereby testify that the material described here in the U.S. Clean At Act of 1960, and is complean Community Robics Directive 201165/EU. We hereby testify that the material strated in the U.S. Clean At Act of 1960, and is complean Community Robics Contemporated in accordance with a special and the results meet the requirements of those specifications, dimensional requirements shall be required the authorization through ASME BTE Certificate of Astinotration No. BPE 103 Expling on 0521/2018.

FLATTENING TEST - PASS

ADDITIONAL TEST(S)

MTR8-01 Rev. 14 Rev. Date 2/24/2016 Cert ID: 406909-2016-3-15

Michael Aston, Quality Assurance Manager, CQE, MR

Hate Willeman

HECTS - Metands Statey Date States for this product have been upplied to your Porthanias Department and car also be developed from http://www.fathilison.com. CANITOR. Processing that Nutrits for Norms, Out or solutions may date hand disease. See Metand Salay Data Sheet for Additional information. CONTRONIE Please sore - This consignment was barried over to carrier in first class consistion, bailty convertly based, as which time our responsibility for loss of damage in shipment based for your pleased on the stander objects change in shipment casted flerowers, have a shorting or damage in decorated separation to the standard of damage in decorated separation and the president separation would be successful.

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