

Heat Exchangers, ASME Pressure Vessels & Tanks

	HYDROSTATIC TEST CERTIFICATION
	DATE: 6/30/2010
	The following reference pressure vessel(s) were succesfully hydrostatically tested in accordance with the ASME Code Section VIII, Section 1.
	JOHANSING JOB #: 6528
	CUSTOMER: UC Lawrence Berkeley National Lab.
	PURCHASE ORDER #: 6926046
	NATIONAL BOARD #: N/A
	VESSEL SERIAL #: N/A
1	GAUGE #: 409C
	GAUGE RANGE: 0-1000 P51
	GAUGE CALIBRATION DATE: 5/8/10
	HYDROSTATIC TEST PRESSURE: 550 psi
	VESSEL DESCRIPTION: 1/2" S/S x 15" Long
	OTHER:
2955 Ford St.	CERTIFIED BY:
Oakland, CA 94601	WITNESS BY: Jon Min Name: TOM Miller
(510) 261-1800	WITNESS BY: Jon Min Name: Tom Miller
FAX (510) 261-1870	signature print name
	TITLE:

Pick List: 402377

Order Number: M493421

# **PICK LIST**

#### MDC PICKING MDCP Description: Location Group: Del Part Number Eng Revision Description Package Part Pos Tier Wanted Delivery **Delivery Date Expiration Date** Bin Warehouse Bay Row Lot/Batch No Pallet Id Serial No EC Quantity Unit Qty p 110008 С REF# F275000 1 1 С 09 AE **Building 3** Main 06/10/2010 06/24/2010 12.0 \* \* -1 1.00 EACH

End of Report:

#### **Return Policy:**

- Unused standard catalog items may be returned within 60 days of the date the item was shipped, provided the item is properly packaged and shipping charges are pre-paid.

- Special order items may not be returned without specific, pre-approval from MDC.

- All returns must have a RMA number assigned by Customer Service.

- Returned items will not be accepted if the revision has changed or the material is now obsolete. Please check with Customer Service prior to returning items.

- Installed, used or damaged items are not eligible for reprocessing and will be returned with no credit applied.

- A minimum of 25% restocking fee applies.

- Items should be returned freight prepaid as collect shipments will not be accepted.

### NOTE:

There will be up to a \$500.00 evaluation charge for non-warranty repairs. This evaluation fee will be credited to the repair cost if the repair is ordered.

The evaluation fee plus applicable return shipping charges will be assessed for any returned item you elect not to repair.

A \$50 fee will be applied to any returned item requested to be scrapped.

Created: 06/15/2010 7:21:5

# ORDER INFORMATION

Delivery Address:

JOHANSING IRON WORKS 2955 FORD ST OAKLAND, CA 94601 UNITED STATES

Delivery Site: Terms of Delivery: Ship Via: PO Number: Route Id: Forward Agent: Label Note: Our Reference:

### MDC VACUUM PRODUCTS SHIPPING POINT FED EX GROUND 011349

### CUSTOMER SERVICE

TELEPHONE: 2611800 FAX: 261 1870

# Certificate of Conformance

This is to certify that the material referenced on the above PO and listed on the attached pick list were manufactured to the customer's requirements or to MDC's internal drawing and specifications.

Materials used in the production of this order are certified as new and not counterfeit. Any deviation to specifications has been authorized by the customer.

:5

MDC Vacuum Products is an ISO 9001:2008 registered company. Key elements of our fully implemented Quality Management System include our Quality Manual, Quality Policy, Product Objectives, Process Measurements, Design Capability and Validation, detailed production Process Travelers, Corrective / Preventive Action System, Nonconforming Material System, Calibration, First Article / First Piece / CNC Program Qualification Process, Internal Audits, and Sub-Supplier Program.

Quality Management Contacts:

MDC, VPD, Hayward, CA (510) 265-3500 MDC, ISI, Sarasota, FL (941) 751-2880 MDC, SSD, San Jose, CA (408) 350-0244



**MILL TEST REPORT** 

RM ID NUMBER 103309 SALES ORDER / RLS 004752 / 2 CERT ID / REV 00030402 / 01

SOLD TO

-

## SOUTHWEST STAINLESS 8505 MONROE RD HOUSTON, TX 77061 USA

CUSTOMER P.C 199262	HEAT NO. 975688										
DESCRIPTION:3			304/TP304	L (UNS# S	30400/S30	403) A312	2				
CERTIFICATION	REQUIREME	NTS				•					
ENGINEERING ASTM A312-0	)8a ASME S	SA312-07,	08 ADD.		27 10	2				- 1 J.,	
HYDRO PRESSU 2,500 PSI	JRE										
HEAT TREAT Annealed at1	900 Deg F	. and wat	er quenche	d to belov	v 800 Deg.	F. in less	than 3 n	ninutes.			
Chemical											
C .013	Cr 18.2	Mn 1.5	Ni 8.07	N .06	р .033	Si .44	s .013				
×.				Me	chanical				1		
TEST			NITS		ULTS					147 4	
Tensile PSI Yield PSI			SI		91500			*			
Elong %		P	31	4	0400 55						
Hardness					00						
RB81	z										
TEST			ESULT								
Flattening			ass								
This test report represents the actual attributes of the items furnished and all items were manufactured, sampled, inspected, and tested in full compliance with applicable specifications and your purchase order. Certification is in accordance with EN10204:2004 type 3.1. Chemical content is % by weight. Mechanical test results are in English units (inches and pounds). No weld repairs have been performed on the base material. Hardness in accordance with NACE MR0175 and MR0103 and material is free of cold work to enhance mechanical properties. Pipe is Pickled and Passivated in accordance with ASTM A380. Bristol Metals has a Quality Management System in place that is in compliance with ISO 9001:2000. Bristol Metals does not add mercury during any manufacturing process.											
Raw Material Melt Source USA FAR BAA - Complies, DFARS BAA - Complies, FAR TAA - Complies											
PAR BAA -	Complies, DF	ARS BAA - (	complies, FAR	TAA - Comp	lies					s.	
10 N											
		÷.,									
				-	na	an a				]	
			14. a. t.								

k con Rick Duncan - Quality Assurance Mgr



Page 4 of 12

Mill Test Report

5/9/2008

iile://C:\TEMP\brenda\_cervantes\MTR.htm