

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

Manufactured and certified by: **MELCO STEEL, INC.** 1100 W. Foothill Blvd. Azusa, Ca. 91702

Manufactured for: **VACUUM PRESSURE INTERNATIONAL, INC.** 5235 Tweedy Blvd. So. Gate Ca. 90280

Location of installation: **Unknown**

TYPE: **Horizontal** 1904 1904-1-0 120 1984

The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1.

Winter 83

SA-515-70 1/2" 5'-6" 11'-0"

DBL-BUTT Spot 85% **1100 2:30 DBL-BUTT Partial 1

SA-516-70 SA-516-70

LOCATION (Top Bottom, Ends)	MINIMUM THICKNESS	CORROSION ALLOWANCE	CRAACK RATES	WELDING TENSILE	WELDING ELONGATION	WELDING TENSILE	WELDING ELONGATION	WELDING TENSILE	WELDING ELONGATION
Ends	42"				2:1				Concave

If removable, bolt used (describe other fastenings): **Harris Quick Opening Door.**

MAWP: 220 650 330

Min. Temp. (when less than -20°F):

Notes: inspection and safety valve openings:

Purpose	No.	Size	Type	Material	Notes	Remarks	Location
Drain	1	2"	3000#	B. Cplg. SA-105		Welded	Shell
Inlet	10	2"-1 1/2"	3000#	P.R. Cplg. SA-105		Welded	Shell
Outlet	30	1/2"	3000#	P.P. Cplg. SA-105		Welded	Shell
Outlet	3	2"-3"	300#	R.F.S.O. Flg. SA-105 with Sch. 80 pipe	SA-106B Welded	Welded	Shell

SUPPORTS: SKIDS LUGS LEGS OTHER: Two Saddles Attached Welded to shell

Remarks: Manufacturer's Partial Data Report properly identified and signed by Commissioned Inspectors have been furnished for the following items of this report: **Harris Quick Opening Door flanges have been heat treated.**

Seal Boss 8 1/2" O.D. x 2 1/2" I.D. x 2 1/2" thick flanges SA-516-70 Welded Rear Head

Safety device per UG-35-b (1) and (2) of the ASME Autoclave Vessel.

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 11143, signed May 13, 1986.

Date: 10-1-1986 Co. name: MELCO STEEL, INC. Signed: *Michael Kahan*

Vessel constructed by: MELCO STEEL, INC. 1100 W. Foothill Blvd. Azusa

the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or its State or Province of California and employed by: BOSH/CA

have inspected the component described in this Manufacturer's Data Report on 10-1-86, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in the Manufacturer's Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date: 10-1-1986 Signed: *[Signature]* Commission: NB 7673