

FORM U-1 (back)

Nat'l Bd. # 1475

16. MAWP 90 15 psi at max. temp. 237 150 deg F Min. design metal temp. -20 deg F at 90-15 psi.
 (internal) (external) (internal) (external)

17. Impact test NO IMPACT TEST REQUIRED PER: UHA-51

(Indicate yes or no and the component(s) impact tested)

Hydro., Pneu., or comb. test press. Hydro @ 169 psi Proof test NA

nozzles, inspection, and safety valve openings:

Purpose (inlet, Outlet, Drain, etc.)	No.	Diameter or Size	Flange Type	Material		Nozzle Thickness		Reinforcement Material	How Attached		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
(50) LIQ. OUTL.	1	8"	150# LJ	SA-312 316L	SA-105	.322"	1/16"	INTEGRAL	WELD	LOOSE	NA
(35) TEMP. IND.	1	1"	150# LJ	SA-312 316L	SA-105	.179"	1/16"	INTEGRAL	WELD	LOOSE	NA
(49) LIQ. INL.	1	8"	150# LJ	SA-312 316L	SA-105	.322"	1/16"	INTEGRAL	WELD	LOOSE	NA
(34) TEMP. IND.	1	1"	150# LJ	SA-312 316L	SA-105	.179"	1/16"	INTEGRAL	WELD	LOOSE	NA
(51) VAPOR INL.	1	12" (X 18")	150# LJ	SA-240 316L	SA-105	5/16"	1/16"	INTEGRAL	WELD	LOOSE	NA
COND. OUTL.	1	6"	150# LJ	SA-240 316L	SA-105	.280"	1/16"	INTEGRAL	WELD	LOOSE	NA
(64) VENT	1	3/4"	150# LJ	SA-240 316L	SA-105	.218"	1/16"	INTEGRAL	WELD	LOOSE	NA

20. Supports: Skirt No Lugs NA Legs NA Others 2 SADDLES Attached SHELL/WELD
 (Yes or No) (No.) (No.) (Describe) (Where and How)

21. Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:
 (List the name of part, item number, mfg's, name and identifying number)

NA

NA

22. Remarks: SEE ATTACHED U-4 FORM THIS REPORT COVERS ONE FOUR-PASS HEATING ELEMENT EQUIP. NO. E-6215

Hydro Tested in the: Horizontal Position Inspection Openings UG-46 (f) (5) & Not Required per UG-46(a)

Shell Side has: 1 LONGITUDINAL BAFFLE & 18 CROSS BAFFLES

Channel Side is 4 Pass

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. 12,619 Expires April 30, 19 93

Date 10/20/92 Name Industrial Alloy Fabricators, Inc. Signed [Signature]
 (Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of OR and employed by The Building Codes Agency of OREGON have inspected the pressure vessel described in this Manufacturer's Data Report on 10-20-92, 19 92, 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 this 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 a loss of any kind arising from or connected with this inspection.

Date 10-20-92 Signed [Signature] Commissions *A*
 (Authorized Inspector) (Nat'l Board Incl. endorsement, State, Province and No.)

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the statements on this report are correct and that the field assembly construction of all parts of this vessel conforms with the requirements of ASME Code, Section VIII, Division 1,

U Certificate of Authorization No. NA Expires _____, 19 _____

Date _____ Name NA Signed _____
 (Assembler) (Representative)

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of _____ and employed by _____ of _____ have compared the statements in this Manufacturer's Data Report with the described pressure vessel and state that parts referred to as data items _____, not included in the certificate of shop inspection, have been inspected by me and to the best of

my knowledge and belief, the Manufacturer has constructed and assembled this pressure vessel in accordance with ASME Code, Section VIII, Division 1.

The described vessel was inspected and subjected to a hydrostatic test of _____ psi. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this 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 a loss of any kind arising from or connected with this inspection.

Date _____ Signed _____ Commissions _____
 (Authorized Inspector) (Nat'l Board Incl. endorsement, State, Province and No.)