

P.O. # 3414-k001

- to A92

- | SA240-304 | | | | | SA240-304 | | | | |
|------------------------------|-------------------|---------------------|--------------|----------------|------------------|--------------------|----------------------|---------------|--------------------------------------|
| Pipe No. (Grade) | | | | | Pipe No. (Grade) | | | | |
| Location (Top, Bottom, Ends) | Minimum Thickness | Corrosion Allowance | Crown Radius | Knuckle Radius | Elliptical Ratio | Conical Apex Angle | Hemispherical Radius | Flat Diameter | Side to Pressure (Convex or Concave) |
| (a) TOP | 0.23" | NIL | 42.87" | 8.37" | 2:1 | | | | CONCAVE |
| (b) BOTTOM | 0.20" | NIL | | | | 60 DEGREES | | | CONCAVE |

If removable, bolts used (describe other fastenings)

SA193-B7 3/4" NC EYE BOLTS (30) REQUIRED C/W SA194-2H NUTS

- | | | | | |
|------------------------|---------------|---------------------------------------|-------------|-----|
| 9. MAWP | 100 | psi at max temp | 175 | % |
| Min. design metal temp | -20 °F at 100 | psi Hydro pneu. or comb test pressure | HYDRO (150) | psi |

10. Nozzles, inspection, and safety valve openings

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl	Norm Thk	Reinforcement Matl	How Attached	Location
	4	3"	CL 150	SA312TP304	SCH.40S	INHERENT	UW16.1(C)	
	1	2	C. 150	SA312TP304	SCH.40S	INHERENT	UW16.1(C)	
	1	6"	PAD	SA240-304	2.00"	INHERENT	UW16.1(C)	
	9	1 1/2"	CL 150	SA312TP304	SCH.40S	INHERENT	UW16.1(L)	

- | | | | | | | | | | |
|--------------------|--------------------------|------|------|------|------|-------|------------------------------------|----------|---|
| 11. Supports Skirt | NO
(Yes or no) | Lugs | (No) | Legs | (No) | Other | SUPPORT RING
(Yes or no) | Attached | WELDED TO SHELL
(Where and how) |
|--------------------|--------------------------|------|------|------|------|-------|------------------------------------|----------|---|

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report

IMPACT TESTING IS EXEMPT PER PARA. UHA51(a)
SAFETY VALVE TO BE SUPPLIED BY OTHERS

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 15380 expires FEB 26, 1996

Date **MAY 12 1995** Co Name **HOOPER WELDING ENT. LTD.**

15380 ~~air~~ FEB 26 19 98

Signed

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by **HOOPER WELDING ENT. LTD.** at **OAKVILLE, ONTARIO**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of **ONTARIO** and employed by **M.C.C.R. OF ONTARIO**

have inspected the component described in this Manufacturer's Data Report on May 11, 1995, 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 May 12 1995 Signed _____

Commissions *Act: 1 Bd 11457A*
(Net) Road (incl. enforcement), State Prov. and No.)