## FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

LARSEN & D'AMICO MFG. LTD. 9805 - 51 Avenue, Edmonton, Alberta T6E 4W8

(Name and Address of Manufacturer)

Manufactured and certified by:

Alternative Form For Single Chamber, Completely Shop-Fabricated Vessels	, Offig)
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1	

2.	Manufa	octured for:			SALES L			6118, 1	T ST JO	)HN, B.C., '	V1J 4H6			
3.	Location	n of installati	on:	RESALI (Name an	E nd Address	;)								,
4.	Type:		<b>izontal</b> z, Vert, Tank, etc	)	<b>HS-920</b> (Mfgr's s	•	)	<b>L4790</b> . (CRN)	21		-3679-A1 RE		Bd No)	<b>1999</b> (Year Built)
5.			hysical properl he design, con									E BOILER AND 1 1998 to (Year)	PRESSURE 1998 Addenda (Da	
	N/A Code Ca	se Numbers							N/A Specia	al Services pe	er UG-120(d)	(Tear)	Production (DE	ne,
5.	Shell:	SA-516-7 Mati, (Spec	ON: No, Grade)		<b>0.875°</b> Nom. Thi	•	2. <b>23</b> ) n)	1/ C/ in	wollA no	nm)	36° Diam I inch	O.D. (914) D / O D (mm)	9t Le m	ength Overall
<b>7</b> .	Seams:	TYPE 1 Long, (Wek Sngl., Lep,	ded, Obl R	ULL T (Spot Full)	<b>10</b> Eff	<b>0</b> (%)	<b>1150</b> HT 1	°F <b>62</b> ' lemp	I.1 °C	76 MIN Time (hr )			FULL UW1 RT (Spot/Parts	
₿.	Heads:		SA-516-70 N No. Grade)					(b		<b>SA-516-70</b> No Grade)	N			
-	В	ocation (Top, ottom, Ends)		Allow n) in	rosion vance (mm)	in.	rown acius (mm)	In R	uckle adius (mm)	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Concave or Convex)
100		ENDS	0.9375' (23.8' 0.9375' (23.8'		(3.2) (3.2)	0,	(0.00)		(0.00)	2:1			<del> </del>	CONCAVE CONCAVE
lf re	movable,	bolts used (	describe other	fastening	s)	N	IA.							
	MAWP at	720 psi 720 psi	4964 H		D, •	(N		00 F	Size, No 37.84 est pres	l°C	Min. des 1080 psi	ign metal temp.	-20 °F 7446 Kpa	-28.88 °C
10.	at	720 psi i, inspection ise		pa re opening Dia	D, •	(N	1 H Type	00 °F lydro T	37.84 est pres	I°C sure				
10.	Nozzies Purpo	720 psi i, inspection ise	4964 H and safety val	pa re opening Dia	gs:	(N	1 H Type	00 °F lydro T	37.84 est pres	I°C sure	1080 psi	Reinforcement	7446 Kpa	
10.	Nozzies Purpo	720 psi s, inspection see et, drain)	4964 H and safety val	pa e opening Dit or S	gs: am. Size	egs	1 H Type	00 °F lydro T	37.84 rest press Mat CHED U	sure	1080 psi	Reinforcement	7446 Kpa	Location
10.	Nozzies Purpo (inlet, outle  Support  Remark report:	720 psi s, inspection se et, drain) ts: Skirt N (Y	No Lug-	Para Para Para Para Para Para Para Para	gs: am. Size L orts proper	egs erly ider	Type SEE TWO (No.)	OO 'F lydro T ATTA	37.84 rest press  Mat CHED U  er N// {De	FORM A scribe)	Nom Thk  Inspectors his	Reinforcement Mai'l  Attached ave been furnist	7446 Kpa  How Attached  SHELL / W (Where and integration of the foil of the fo	Location  /ELDED low)  lowing items of the (23.81 mm)
10.	Purpo (inlet, outle Support Remark report: Type: Weight:	720 psi s, inspection se et, drain) ts: Skirt N (Y ts: Manufact IMPACT TES AND FIG UC: 3 PHASE 6400	No Lug- es or No) turer's Partial [ TS EXEMPT PE 5-66.1 GENERA HORIZONTAL bs. 2900	pa e opening or S N/A (No.) ata Repo R UG-20( L NOTE 1 SEPARAT	gs: am. Size L orts propo of PARAG FOR ITE	egs erty ider RAPHS M I/3	Type SEE TWO (No.)	00 'F lydro T Oth d signe	37.84 est press  Mat CHED U er N// (De d by Con (nam	t FORM  A scribe)  missioned  or Hi of part, iter	Nom Thk  Inspectors his AD CALCULatin number, Mig	Reinforcement Mai'i  Attached  ave been furnish ATED Min. 's name and inde	7446 Kpa  How Attached  SHELL / W (Where and I- hed for the foli 0.9375 in. entifying stamp)	Location  /ELDED low) lowing items of the (23.61 mm)
10.	Support Remark report: Type: Weight: Capacity	720 psi i, inspection: se et, drain)  ts: Skirt N (Y  ss: Manufact MPACT TES AND FIG UC: 3 PHASE 6400 if f: 58 c	No No Lug: (es or No)  curer's Partial ( TS EXEMPT PE S-66.1 GENERA HORIZONTAL bbs. 2900 cu.ft. 1.67	pa e opening or S N/A (No.) Data Repo R UG-20( L NOTE 1 SEPARAT (c	gs: am. Size  L orts proper () PARAG FOR ITE  OR ()) u. Meters	egs erly ider RAPHS M #3	Type SEE TWO (No.) httlfied and 1-6 PRESSUR BY OTHE ERTIFIC I that all	Oth ATTA	37.84 est press  Mat CHED U er N// (De d by Con (nam EF DEVICHE PIPIN  SHOP (of design,	FORM  FORM	Nom Thk  Inspectors he FAD CALCUL In number, Mig D WC Hyd Fab	Reinforcement Mai'l  Attached  ave been furnist ATED Min. 's name and inde 3837 rotest Position: ricetion Drawing	7446 Kpa  How Attached  SHELL / W (Where and I- hed for the foli 0.9375 in. entifying stamp)  Item # HORIZ No. LD-36	Location  /ELDED -low)  lowing items of the (22.81 mm)  HS1
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10.	St Nozzies Purpo (inlet, outlet Support Remark report: Type: Weight: Capacity code for Propertion of the National Capacity lighting this pata Repo	720 psi i, inspection ise et, drain)  Its: Skirt N (Y  It	No  Lug: (es or No)  turer's Partial ( TS EXEMPT PES-66.1 GENER/ HORIZONTAL the. 2900 cu.ft. 1.67  ments made in els, Section VII  Company  Larsen & D'A olier and Pressu d in this Manuel either the inspere, neither the i	pa e opening Dis or S N/A (No.) Data Report R UG-20( L NOTE 1 SEPARAT LO4 (k c this report Division Name L mico Marrire Vessel adge and telefor nor h	control of the contro	egs eriy ider RAPHS M #3  Correct and ortificate D'Arnic rer)  (ng Ltd. rs and/o ort on _ Manufa War male	Type SEE TWO (No.) wiffled and 1-6 PRESSUR BY OTHE ERTIFIC I that all of Autho co Manual CERTIFIC at \$806 r the State ceturer ha	Other ATTA  Other	Mat CHED U- Her NI/A (De d by Con (nam EF DEVICE HE PIPIN F SHOP (of design, No. 1425 g Ltd F SHOP enue, Ed wince of ucted this express;	4 FORM  A scribe)  Inmissioned  "Hi e of part, iter  E PROVIDE  COMPLIANC  material, co  4 Expires O  Signed  INSPECTIO  monton, Al  Alberta and  s pressure v  od or implied	Nom Thk  Inspectors his AD CALCULA number, Mig D WC Hyd Fab CE construction, are ctober 28, 20 (Representation Number 1, the employed by 19 essel in according concerning	Reinforcement Mai'!  Attached  ave been furnist ATED Min. 's name and inde at 3837 rotest Position: rication Drawing  and workmanship of undersigned, h Alberta Boilers dance with ASM the pressure ver	7446 Kpa  How Attached  SHELL / W (Where and I- hed for the foil 0.9375 in. mitrying stamp)  ttem # HORIZ No. LD-35  of this vessel olding a valid of Safety Associated described	Location  /ELDED low) lowing items of the (22.81 mm)  HS1 CONTAL. /S-A1 REV 0
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## FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET

As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

Manufactured and certified by:

LARSEN & D'AMICO MFG. LTD. 9805 - 51 Avenue, Edmonton, Alberta T6E 4W8

(Name and Address of Manufacturer)

Manufactured for:

ARGO SALES LTD., P.O. BOX 6118, FT ST JOHN, B.C., V1J 4H6

(Name and Address of Purchaser)

Location of Installation:

RESALE

(Name and Address)

Турє:

**Horizontal** 

(Horz, Vert, or Sphere)

**SEPARATOR** (Tank, Sep., Heat

HS-9204 (Mfgr's Senal No ) L4790.21 (CRN)

LD-3679-A1 REV 0

NA

1599 (Year Buil)

Exh , Etc.)

(Drawing No.)

(Nat'l Bd No.)

Purpose	Item	Diameter			Nominal	Reinforcement	How *	Location
(inlet, Outlet, Drain)	No.	or Size	Type	Material	Thk.	Material	Attached	
INLET	N1	6"	300# RFLWN	SA-105	1.06"		WELDED	SHELL
114661		6"	ELBOW	SA-234-WPB	SCH 40			
GAS OUTLET	N2	6"	300# RFLWN	SA-105	1.06"		WELDED	SHELL
<u> </u>	7.00							
LC OIL	C1	2"	COUPLING	SA-105	6000#		WELDED	SHELL
LSDH	C2 A/B	2"	COUPLING	SA-105	6000#		WELDED	SHELL
OIL OUTLET	C3	2"	COUPLING	SA-105	6000#		WELDED	SHELL
WATER OUTLET	C4	2"	COUPLING	SA-105	6000#		WELDED	WB SHELL
DRAIN	C5	2"	COUPLING	SA-105	6000#		WELDED	WB HEAD
PSV	C6	1-1/2"	COUPLING	SA-105	6000W		WELDED	SHELL
LG OIL	C7 A/B	3/4	COUPLING	SA-105	6000#		WELDED	SHELL
LEVEL CAGE	C8 A	2"	COUPLING	SA-105	6000#		WELDED	SHELL
FEAR OUR	C8 B	2"	COUPLING	SA-105	6000#		WELDED	WB SHELL
TI	C9 A/B	3/4"	COUPLING	SA-105	6000#		WELDED	SHELL
PI	C10 A/B	1/2	COUPLING	SA-105	6000W		WELDED	SHELL
	0.0700							
INSPECTION	C11 A/B	2.375" ID	COUPLING	SA-105	6000#		WELDED	SHELL
HEAT COIL (VESS.)	C12 A/B	1"	COUPLING	SA-105	6000W		WELDED	SHELL
HEAT COIL (VESS.)	C13 A/B	1"	COUPLING	SA-105	6000#		WELDED	WB SHELL
MEAT COIL(VVB)	CISAB		000. 2.110					
WATER BOOT	WB	16" OD	PIPE	SA-106-B	SCH 100		WELDED	SHELL
WATER BOOT	****	26" OD	REPAD		3/4"	SA-516-70N	WELDED	SHELL
		20 00	2:1 SE HEAD	SA-516-70N	.9375"MIN		WELDED	WB SHELL
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Certificate of Authorization:

14254 No

OCTOBER 28 **Expires** 

2001

Name

LARSEN & D'AMICO MFG. LTD. (Manufacturer)

Signed

(Representative)

(Authorized Inspector)

Commission

Alberta 5 -

[Nat'l Board incl. Endorsement, State, Province and No.]