



- ABS TYPE APPROVED**
- SHELL .500 NOM SA516 GR 70 P.V.Q. DES. THK. .473 E= 70% HEADS .460 MIN SA516 GR 70 P.V.Q. DES. THK. .403 S= 85%
  - WORKING PRESSURE 250 PSI
  - TEST PRESSURE HYDRO 325 PSI
  - TEMPERATURE MIN. -20°F MAX 400°F
  - ALL WELDED FITTINGS MUST BE HELD PERPENDICULAR TO CENTERLINE WITHIN 3/8" IN 12"
  - IMPACT TEST EXEMPT PER PAR. UG-20(F)
  - SPECIFICATIONS:  
APPROX. WEIGHT: 3051 LB  
APPROX. CAPACITY: 780 GALLONS
  - CRN- NONE
  - N.D.T.- NONE
  - FINISH- SEE 142-239 FINISH SPEC
  - DESIGN THICKNESS INCLUDES A 0.100" CORROSION ALLOWANCE.

(BUILT IN ACCORDANCE WITH LATEST EDITION OF SECTION VIII DIV 1 ASME CODE)

THIS DRAWING & SPECIFICATIONS ARE PROPERTY OF SPVG AND MAY NOT BE COPIED, REPRODUCED, OR USED IN WHOLE OR PART, AS A BASIS FOR DESIGN MANUFACTURE OR SALE WITHOUT PRIOR PERMISSION FROM SPVG.

12	2	67-3033	LUG LIFTING, MEDIUM #2-899-MLL SA 1 (20000# MAX)
11	1	62-528	DATA PLATE SA240T304 4 X 5 1/2
10	1	47-3356	MANWAY 14.00 X 18.00 X 1.000 X 4.00 SA675 GR 70 300 PSI
9	1	48-8415	FLG 3.000 300# RFSO & PIPE ASSY S80 0.300W X 7.13
8	1	48-8414	FLG 2.000 300# RFSO & PIPE ASSY S160 0.344W X 7.06
7	2	48-8413	FLG 1.500 300# RFSO & PIPE ASSY S160 0.281W X 7.06
6	1	48-8412	FLG 1.000 300# RFSO & PIPE ASSY S160 0.250W X 6.63
5	2	48-8411	FLG 0.500 300# RFSO & PIPE ASSY SXXH 0.294W X 7.06
4	1	142-239-4	HEAD - ELL 42 DIA (960-452)
3	1	142-239-3	HEAD - ELL 42 DIA (960-452)
2	1	37-4625	SHELL 0.500 X 23.50 X 130.38
1	1	37-4623	SHELL 0.500 X 95.00 X 130.38
ITEM	QTY	PART NUMBER	DESCRIPTION

UNLESS OTHERWISE SPECIFIED INCH TOLERANCES  
.X.....±.1  
.XX.....±.02  
.XXX.....±.005  
FRACTIONS.....±1/16  
ANGLE.....±1°  
FINISH.....250

THIRD ANGLE PROJ

TITLE  
**20-42-780-250 ASME/ABS VESSEL**

CUSTOMER  
**GOVERNMENT OF CANADA**

CUST INFO  
DWG NO. **LSSL-21-03 (0)**  
PART NO. **LSSL-21-03**

TYPE  
**ASME/ABS**

**SAMUEL** 1855  
PRESSURE VESSEL GROUP

DRAWN TNTi 8/18/2021	CHECKED	DRAWING NO <b>142-239</b>	REV <b>A</b>
SIZE: B		SHEET 1 OF 1	

A	ISSUED		
REV	DESCRIPTION	BY	DATE