



CERTIFICATE OF INSPECTION

THE BOILERS & PRESSURE VESSELS ACT 1975
General Safety Services Division
Boilers Branch

Vessel No. (A) 94591
Date of Inspection 041281
Day Month Year

NAME & ADDRESS OF OWNER Shell Canada Resources, Box 2801, Calgary

LOCATION OF VESSEL Simonette COMPANY CODE

DESCRIPTION OF VESSEL L.P.G. Storage Tank YEAR BUILT 1972 C.R.N. B6331.22

HYDROSTATIC TEST PRESSURE Exam. HEATING SURFACE CUBICAL CAPACITY 177.83 m^3

MAXIMUM PRESSURE AUTHORIZED 1723.7 kPa AT 121°C ON SAFETY VALVE TBS

INSTRUCTIONS TO OWNER: VESSEL HAS BEEN PLACED ON EXTENDED INSPECTION INTERVAL. SAFETY VALVE TO BE SERVICED BY AN AUTHORIZED SAFETY VALVE SERVICING COMPANY EVERY TWO YEARS.

INSPECTOR'S NAME A. W. Richards INSPECTOR'S SIGNATURE

NOTE: REQUIREMENTS OF THE BOILERS AND PRESSURE VESSELS ACT 1975 AND THE REGULATIONS ISSUED THEREUNDER:
The owner or person in charge shall report all accidents involving a boiler, pressure vessel or personnel to the District Inspector immediately and shall also send a full report in writing to the Chief Inspector as required by the Act. No repairs or alterations may be made unless authorized by an Inspector.



LABOUR BOILERS & PRESSURE VESSELS ACT
General Safety Services Division CERTIFICATE OF INSPECTION
Boilers Branch

Vessel No. (A) 055758
Date of Inspection 870601
Year Month Day

NOTE: REQUIREMENTS OF THE BOILERS AND PRESSURE VESSELS ACT AND THE REGULATIONS ISSUED THEREUNDER:
The owner or person in charge shall report all accidents involving a boiler, pressure vessel or personnel to the District Inspector immediately and shall also send a full report in writing to the Chief Inspector as required by the Act. No repairs or alterations may be made unless authorized by an Inspector.

NAME OF OWNER Shell Canada Resources Limited

ADDRESS OF OWNER Box 2801, Calgary, AB T2P 2M7

LOCATION OF VESSEL Simonette Gas Plant #2 COMPANY CODE

DESCRIPTION OF VESSEL LPG Storage Tank YEAR BUILT 1963 C.R.N. 1810.2

HYDROSTATIC TEST PRESSURE Exam. kPa TEMP °C HEATING SURFACE m^2 CUBICAL CAPACITY 254.71 m^3

MAXIMUM PRESSURE AUTHORIZED 1724 kPa AT 38 °C ON shell S.V. set at 1724

INSTRUCTIONS TO OWNER/REMARKS

INSPECTOR'S NAME A. W. Richards INSPECTOR'S SIGNATURE SERIAL NUMBER

MANUFACTURER

DISPLAY ADJACENT TO PRESSURE VESSEL

FORM 1709-27



# Inspection Certificate

ISSUED BY THE BOILERS BRANCH

JOB 1160  
ITEM V-2-18A

DATE OF INSPECTION September 29 YEAR 1972 CERT. N: 8481

I hereby certify, that I have this day inspected the Pressure Vessel herein described as No. (A) 794591 according to the provisions of The Boilers and Pressure Vessels Act, Statutes of Alberta, and have allowed A Working Pressure of 250 Pounds per Square Inch at 250 °F. on vessel vessel.....  
..... Pounds per Square Inch at        °F. on       .....

S.V.T.B.I. Name of Owner SHELL CANADA LIMITED P.O. BOX 880, CALGARY  
Location of Vessel Simonette Gas Plant #2  
Description of Vessel L.P.G. Storage Tank  
C.R.N. B6331.2 Year Built 1972

Hydrostatic Test Pressure 390 p.s.i. Heating Surface        sq. ft.  
Cubical Capacity 6280 cu. ft.

REMARKS OR INSTRUCTIONS:

Serial No. C5427 Co. Code No. V-2-18A

TO BE INSTALLED ACCORDING TO REGULATIONS

Next Inspection Due September 1974  
Lmb/20 (Signed) R.A. Davison (INSPECTOR)  
R. A. Davison

NOTE: Requirements of The Boilers and Pressure Vessels Act and the Regulations issued thereunder: The owner or person in charge shall report all accidents concerning the above pressure vessel to the District Inspector immediately. In the event of an explosion, the owner or person in charge shall also send a full report in writing to the Chief Inspector as required by Section 41 of the Act. No repairs or alterations may be made unless authorized by an Inspector.



Alberta Boilers Safety Association

V2: 187

VESSEL (A) : 0094591

DATE OF INSPECTION : 1995 MAY 16

# Certificate of Inspection

SUNCOR INC. - SIMONETTE FIELD  
ATTN: E. HUNT  
BOX 38, 112 4 AVE S W  
CALGARY AB

T2P 2V5

LOCATION: SIMONETTE GAS PLANT #2  
COMPANY CODE: P627230  
DESCRIPTION: LPG STORAGE TANK

PREFERRED RE-INSP. INTERVAL: 10.00 YRS  
CRN: B4279.2

MANUFACTURER:

SERIAL # :

HEATING SURFACE:

m2

YEAR BUILT: 1972

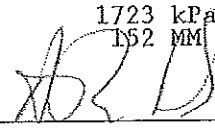
CUBICAL CAPACITY:

177.830 m3

PART	MAX. AUTHORIZED PRESSURE	MAX. TEMP / MIN. TEMP	SAFETY VALVES	
			ID/LOCATION	SET/CAPACITY AT TEMP

SHELL	1723 kPa	121 C / 0 C	SV1 VESSEL	1723 kPa / 152 MM
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INSPECTOR: RICHARDS, ALFRED WALTER

SIGNATURE: 

NOTE: REQUIREMENTS OF THE SAFETY CODES ACT AND THE REGULATIONS ISSUED THEREUNDER:

THE OWNER OR PERSON IN CHARGE SHALL REPORT ALL ACCIDENTS INVOLVING A BOILER, PRESSURE VESSEL OR PRESSURE PIPING SYSTEM TO THE DISTRICT INSPECTOR IMMEDIATELY AND SHALL SEND A FULL REPORT IN WRITING TO THE CHIEF INSPECTOR AS REQUIRED BY THE ACT. NO REPAIRS OR ALTERATIONS MAY BE MADE UNLESS AUTHORIZED BY AN INSPECTOR.



**AFFIDAVIT OF MANUFACTURER**

**COVERING BOILER OR PRESSURE VESSEL**

V-2-18A D-5636

As Approved by the Boiler & Pressure Vessel Committee of the C.S.A. (A9459) / C-5427

Upon shipment of Boiler or Pressure Vessel this form fully and correctly filled in and attested to must be mailed to the office of the Chief Inspector in the province of installation in accordance with the regulations under the Act governing the construction and installation of boilers and pressure vessels, otherwise the use of same may be prohibited or the working pressure severely penalized.

- Manufactured by DELTA PROJECTS LTD 7310-99th St., Edmonton, Alberta.  
(Name and Address of Manufacturer)  
 Manufactured for DELTA PROJECTS LTD - Calgary  
(Name and Address of Purchaser or Consignee)  
 Ultimate owner Shell Canada Ltd  
(Name and Address)  
 Location of installation Simonette Gas Plant #2  
(This address is essential)
- Type of boiler or pressure vessel LPG Storage Tank Mfg. Serial No. C-5427  
 Provincial Registration No. B-6331.2 Drwg. No. S-3439-0-0  
 To be used for: (Air, CO<sub>2</sub>, Propane, Ammonia, Steam, Hot Water, etc.) L.P.G.
- Dia. 130" Overall length 78-3/8 Cu. ft. capacity 6280 Heating surface --- sq. ft.
  - Were test reports checked on all plates used in the fabrication of this vessel? YES
  - Does all material meet A.S.M.E. Code requirements? YES
  - A.S.M.E., A.S.T.M. or other material specification No. A-516-70 Tensile strength 70,000
- Fabrication to A.S.M.E. Code, Para. No. QW 12(a) 1971 Preheat No ° F Postheat yes X.R. complete  
(Year) (Yes or No) (Spot or Complete)  
 Are the following records on mfg's files? X-ray films yes Postweld heat procedure yes  
 Were X-ray films examined and found to meet Code requirements? yes
- Welders employed upon vessel.

Name of welders and Province or State in which qualified	Identifying Symbol	Date of last weld test	Qualified for welding under Code Para. <u>A-2</u>	Name of Inspector supervising tests	National Board No.
M. Moratto	D	May/71		WB	
J. Maslic	U	Aug/72		DT	
I. Festic	J	Dec/70		DT	
E. Larson	B	Oct/71		AR	

Does all welding on this vessel and the testing of coupons where required meet A.S.M.E. Code requirements? YES

7. Hydrostatic tests and Working Pressures.

NAME OF PART	Temperature of Testing Medium	Final test psi.	Maximum working pressure psi.	Maximum operating temperature degrees F.
Vessel	60	390	250	250

Did the hydrostatic tests fully conform to Code requirements? YES

8. Boiler rating, max-steamng capacity (rated B.T.U./hr. output for hotwater boilers) \_\_\_\_\_

9. SAFETY VALVES:

ITEM	No. of valves	Maker's Name, Trade Mark or Type No.	Provincial Registration No.	Inlet Diameter	Seat Diameter	Set to relieve of psi.	Free discharge area	Capacity lbs. per hour
1	1	1160						

Does safety valve stamping, blow-down adjustment, etc., meet A.S.M.E. requirements? \_\_\_\_\_

A 94591

10. Actual minimum stamping of the vessel shall conform to the following and shall be reproduced here; FOR POWER & HEATING BOILERS (on attached plate for cast iron)

Canadian Registration number \_\_\_\_\_ C.R.N. \_\_\_\_\_  
National Board number (if manufactured in U.S.A.) \_\_\_\_\_ Not. Bd. \_\_\_\_\_  
Manufacturer and manufacturer's serial number \_\_\_\_\_ Sr. No. \_\_\_\_\_  
Plate mfg's initials, spec. No. and tensile strength (Stalco. SA 285 etc.) \_\_\_\_\_ T.S. \_\_\_\_\_  
Maximum working pressure \_\_\_\_\_ (for S and W if both) Max. W.P. \_\_\_\_\_ p.s.i. Temp. \_\_\_\_\_ °F.  
Effective heating surface and year built (1967 etc.) \_\_\_\_\_ H.S. \_\_\_\_\_ Sq. Ft. 19 \_\_\_\_\_  
Initials of authorized shop inspector \_\_\_\_\_

UNFIRED PRESSURE VESSEL--

Canadian Registration number \_\_\_\_\_ C.R.N. B-6331.2  
National Board number (if manufactured in U.S.A.) \_\_\_\_\_ Not. Bd. \_\_\_\_\_  
Manufacturer and manufacturer's serial number CESSCO Sr. No. C-5427  
Plate mfg's initials, spec. No. and tensile strength (Stalco. SA 285 etc.) A-516-70 T.S. 70,000  
Maximum working pressure and temperature \_\_\_\_\_ Max. W.P. 250 p.s.i. Temp. 250 °F.  
Thickness of shell and heads \_\_\_\_\_ T. Shell 1.0 T. Heads .6875  
Code paragraph number and year built (1967 etc.) \_\_\_\_\_ U.W. 12(a) 19 71  
Initials of Authorized Shop Inspector \_\_\_\_\_

11. I HEREBY DECLARE that the foregoing statements, having reference to Vessel bearing manufacturer's Serial No. C-5427 built by CESSCO of 7310-99th St., Edmonton, Alberta and completed on the 29th day of Sept 19 72 are in all respects correct and true, and that the said Vessel has been built in accordance with Provincial registered design No. B-6331.2 and that it complies fully with the A.S.M.E. Code and regulations of the Province of Installation under the Act governing the construction of boilers and pressure vessels.

Sworn before me at EDMONTON in the Province (or State) of ALBERTA this 29th day of Sept 19 72  
R. Dawson  
A Commissioner for Oaths, J.P. or N.P.  
My commission expires Feb 1974

Signed J. Burtosk Shop Foreman  
For CESSCO  
ALBERTA ROBERT ROBERT CORPORATION LIMITED  
P.O. BOX 2423  
EDMONTON, ALBERTA  
At Firm Name and Address.

12.

CERTIFICATE OF SHOP INSPECTION  
I, the undersigned, a duly authorized inspector of Boilers and Pressure Vessels employed by PROVINCE of ALBERTA do hereby certify that the foregoing statements are correct and that the material, construction and workmanship are in accordance with the A.S.M.E. Code.  
Date Sept 29/72 Signed R. Dawson No. \_\_\_\_\_  
Provincial or National Board Inspector.

TO BE FILLED IN BY ALBERTA INSPECTOR

13. Received \_\_\_\_\_, 19 \_\_\_\_\_ Inspector's Pressure Vessel No. (A) \_\_\_\_\_  
Checked \_\_\_\_\_, 19 \_\_\_\_\_  
I have allowed a working pressure of \_\_\_\_\_ p.s.i. at \_\_\_\_\_ °F. Shell side.  
\_\_\_\_\_ p.s.i. at \_\_\_\_\_ °F. Tube side.  
and have issued Certificate No. \_\_\_\_\_ therefor.  
Vessel owned by \_\_\_\_\_  
Remarks: \_\_\_\_\_

(Signature of Alberta Inspector.)