



the pressure equipment safety authority

GENERAL ENGINEERING REQUIREMENTS FOR DESIGN & CONSTRUCTION OF PRESSURE PIPING SYSTEMS

AB-96 Page 1 of 2 2013-03

NOTE: This form shall be completed (page 1 and 2) in DUPLICATE and submitted with specifications and prints of designs in accordance with Section 16 (1) of the Pressure Equipment Safety Regulation.

1. Ultimate Owner Shell Canada Limited PO Box 100 Station M, Calgary, Alberta, T2P 2H5 (Name and Address)

2. Type of Plant CMT Natural Gas Pressure Reduction SKID Package

3. Location of Plant SW 1/4, Sec. 16, Twp 85, Rge. 18, W 5 (Sec., TWP., Rge.)

4. Plant previously registered under PP - PP-0120-G-102-P

5. Construction: Tentative start and completion dates:

Commencement January 2015 (month) (year) Completion May 2015 (month) (year)

6(a) Engineered by Swift Engineering Inc. 910, 736-8th Avenue S.W. Calgary, AB T2P 1H4 (Company Name and Address) Ref. or Job No.

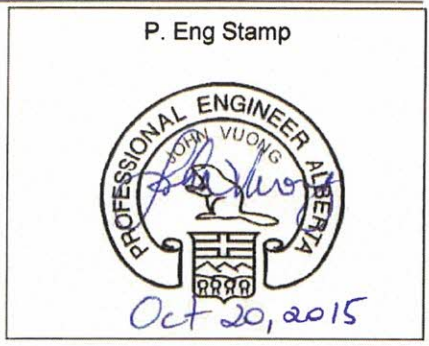
6(b) Permit to Practice Number P-8442

7. Prime Contractor National Process Equipment (DXPE) 5049 74 Avenue SE, Calgary, AB T2C 3H2 (Company Name and Address) Ref. or Job No. SLS338716

8. Pressure Piping to comply with the Code: B31.1 B31.3 B31.5 B31.9 Z662 2012 (Edition/Addenda)

9. List of documents with revision #'s (If additional space if required, use supplemental sheets) P&IDs, PSV and Line Lists, Specifications for pipe, valves & all fittings included in the scope of this piping design registration. If documents are listed on supplemental sheet, record the supplemental sheet numbers in this space. P&ID 338716-100 Rev8 PSV LIST 338716-PSV Rev0 LINE DESIGNATION LIST TABLE 338716-LDT Rev 0 PIPING SPECIFICATIONS (A150/LT, B300/LT, C600/LT, D900/LT)

10. Name and authenticated stamp/seal of Professional Engineer By applying my stamp/seal and signature to this document, I, John Vuong, accept responsibility (print name) for the piping design in accordance with ASME/B31.3 /2012 and (Code/Edition/Addenda) the Safety Codes Act and Regulations.



FOR ABSA USE ONLY: Reference Tracking No.

PP 0120 - 6 - 102 - E



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Celebrating 20 years  
1995 – 2015

9410 - 20 Ave N.W.  
Edmonton, Alberta, Canada T6N 0A4  
Tel: (780) 437-9100 / Fax: (780) 437-7787

October 22, 2015

**The registration is conditional on your compliance with the following notes:**

- This pressure piping design has been accepted on the understanding that the on-skid piping in packages supplied by others must be registered before the operation of this piping system (per section 40 of the Province of Alberta Safety Codes Act and section 14 of the Pressure Equipment Safety Regulation)  
This requirement shall be conveyed to the owner and these vendors to ensure that registration occurs and that the submission for such packages are identified to this specific plant to ensure compatibility of registration numbers.
- The tie-in or pneumatic test procedure are not part of this registration and must be registered by the contractor before a test is conducted.
- Acceptance is based on the understanding that all valves will be always open in front and behind of the PSV.
- Please note that the energy from hydraulic shock-Water hammer (momentum change) is not part of this registration.
- Acceptance is based on the understanding that all piping fittings have a valid ABSA registration and all PSV shall have sufficient capacity to avoid overpressure in case of an internal failure including fire case .

Complete the enclosed AB-81 forms in triplicate, keep one copy and forward two copies to ABSA.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

Enclosed are stamped prints for your reference.

Sincerely,

DEDOVIC, BLAZO



11. Are all fittings suitable for the specific design service conditions? (Yes) Yes \_\_\_\_\_

Are all fittings registered with ABSA? (Yes) Yes \_\_\_\_\_ (Pending) \_\_\_\_\_

12. Select the system overpressure protection type, as required in the PESR Section 38 and as defined in AB-525, and provide the corresponding document number(s) which lists equipment protected by this type.

Type	Document #	REV	Type	Document #	REV
PRV <input checked="" type="checkbox"/>	PSV LIST 338716-PSV	0	V-OPPSD <input type="checkbox"/>		
RDD or PD <input type="checkbox"/>			P-OMOPP <input type="checkbox"/>		
P-OPPSD <input type="checkbox"/>			V-OMOPP <input type="checkbox"/>		

13. Nondestructive Examination. Please specify type and extent of examination, for example, 100% or random radiography, magnetic particle, ultrasonic, etc.

Refer to attached LINE DESIGNATION LIST

14. Pressure Piping Test Procedure for other than Hydro test SUBMITTED (Yes) n/a (Pending) \_\_\_\_\_

15. Contractor's Quality Control Program Registration No. AQP-21321 [ALBERTA]

16. General Remarks \_\_\_\_\_

17. Submitted by

 , October 20, 2015  
(Signature) (Date)

John Vuong , SWIFT ENGINEERING INC.  
(Name) (Company Name)

**FOR ABSA USE ONLY:**

Registration Number PP-0120-6-102-E Date OCT 22 2015

Reference Tracking No. \_\_\_\_\_ S.C.O's Signature \_\_\_\_\_

