

Guide for Completing Form AB-96

1.0 PURPOSE

To provide guidance for completing Form AB-96, General Engineering Requirements for Design and Construction of Pressure Piping Systems.

2.0 APPLICATION

This form is used for documenting the information for the pressure piping system design and construction under the Safety Codes Act and Regulations.

3.0 GENERAL

Two completed AB-96 forms with original signatures and stamp shall be submitted to ABSA's Design Survey Department for review and registration prior to the start of construction.

The latest version of form AB-96 is posted on ABSA's website <http://www.absa.ca>.

4.0 INSTRUCTIONS

The following describes the information required for completing each item of the Form AB-96. The numbers in this instruction correspond to the numbers on the Form AB-96.

1. Provide the name and physical or mailing address of the Owner of the of the pressure piping system.
2. Provide a description of the type of plant where the pressure piping system will be installed. For example: chemical plant, refinery, power plant, etc...
3. Provide the plant location for the installation of the pressure piping system – LSD or complete physical street address and/or facility name.
4. Provide the piping registration number of the plant if it has been previously registered. If the plant is new and is not previously registered, then leave this line blank.
5. Provide the scheduled or tentative start and completion of construction dates when the work will be begin and when it will be completed. If dates are not decided put "To Be Determined".
6. Engineering and Permit to Practice
 - a) Provide the name of the company responsible for the design of the pressure piping system. Include the reference or job number used.
 - b) Provide the APEGGA Permit to Practice Number for the engineering company responsible for the design of the pressure piping system.
7. Provide the prime contractor company name and address who will be responsible for the construction and installation of the pressure piping system, including the reference or job number. If the prime contractor has not been awarded, then put "To Be Determined".

8. Check the applicable code of construction box which the pressure piping system is in compliant. **Make sure to indicate the correct year for the Edition and Addenda of the code on the line provided.**
9. List all documents and drawings numbers submitted, which may include but not limited to P&IDs, PSV list, line list, and piping specifications (piping specifications may include specifications for valves and all fittings). If you choose to list these documents on a separate sheet, then provide a document number and reference that number here, or use the supplementary sheet provided to list these documents.
10. Provide the name of the registered Professional Engineer who is responsible for the pressure piping system design. Include the applicable code edition and addenda that was used. Provide the Professional Engineer's seal and signature in the box provided for "P. Eng Stamp".
11. Confirm that the fittings used are suitable for the specific design service conditions by writing "Yes" on the line provided. If the fittings used are registered with ABSA, then write "Yes" on the line provided. If the fittings used are pending to be registered, then mark "Pending" on the line provided. Note that all fittings used for a pressure piping system shall be registered with ABSA prior to their use in service.
12. Confirm which type of overpressure protection is used for the system and provide the document number which lists all pressure equipment protected by this type. More than one overpressure protection type may be selected. If additional space is required to list document numbers, then you may use the AB-96 Supplemental Sheet provided. AB-525 provides a full definition for each overpressure protection type, however acronym types are listed below.
PRV – Pressure Relief Valve
RDD – Rupture Disk Device
PD – Pin Device
P-OPPSD – Piping protected by Overpressure Protection by System Design
V-OPPSD – Vessels protected by Overpressure Protection by System Design
P-OMOPP – Piping protected by Other Means of Overpressure Protection
V-OMOPP – Vessels protected by Other Means of Overpressure Protection
13. List the type and extent of nondestructive examination that will be used.
14. It is mandatory to perform pressure piping leak test using the hydrostatic method, but if an alternate testing method is used, then indicate which type of testing procedure will be used and whether this procedure has been included with this application, or if the alternate testing procedure will be submitted as another separate application for registration.
15. Provide the prime contractor's Alberta quality control program registration number (AQP #) on the line provided.
16. List any additional general remarks that pertain to this application.
17. Provide the signature and the date of the person responsible for this application. Also, print the name clearly under the signature and provide the company name.



the pressure equipment safety authority

AB-96a 2017-05

Note: The section at the bottom of the pages identified “*FOR ABSA USE ONLY*” is reserved for ABSA, do not fill this section. Once the registration for the piping system has been accepted, this section will be signed and dated by ABSA Design Surveyor. A stamped copy of the accepted Form AB-96 will be returned to you for your records.

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: _____ (1)

2. Type of Plant _____ (2) (Name and Address)

3. Location of Plant _____ (3)
(Sec., TWP., Rge.)

4. Plant previously registered under PP - _____ (4)

5. Construction: Tentative start and completion dates:

Commencement (5) (month) (5) (year) Completion (5) (month) (5) (year)

6(a) Engineered by _____ (6a) Ref. or Job No. _____ (6a)

6(b) Permit to Practice Number _____ (6b) (Company Name and Address)

7. Prime Contractor _____ (7) Ref. or Job No. _____ (7)

(Company Name and Address)

8. Pressure Piping to comply with the Code: B31.1 B31.3 B31.5 B31.9 Z662 _____ (8)
(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.**

(9) _____

10. Name and authenticated stamp/seal of Professional Engineer

By applying my stamp/seal and signature to this document,

I, _____ (10), accept responsibility
(print name)

for the piping design in accordance with _____ (10) and
Code/Edition/Addenda
the Safety Codes Act and Regulations.

P. Eng Stamp

(10)

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

Are all fittings registered with ABSA? (Yes) _____ (11) (Pending) _____ (11)

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 (12)	Document #	REV	Type	Document #	REV
PRV <input type="checkbox"/>			V-OPPSD <input type="checkbox"/>		
RDD or PD <input type="checkbox"/>			P-OMOPP <input type="checkbox"/>		
P-OPPSD <input type="checkbox"/>			V-OMOPP <input checked="" type="checkbox"/>		

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

(13) _____

14. Pressure Piping Test Procedure for other than Hydro test **SUBMITTED** (Yes) _____ (14) (Pending) _____ (14)

15. Contractor's Quality Control Program Registration No. _____ (15)

16. General Remarks (16)

17. Submitted by

(Signature) (17)

(Date) (17)

(Name) (17)

(Company Name) (17)

FOR ABSA USE ONLY:

Registration Number _____ Date _____

Reference Tracking No. _____ S.C.O's Signature _____



the pressure equipment safety authority

GENERAL ENGINEERING REQUIREMENTS
FOR DESIGN & CONSTRUCTION OF
PRESSURE PIPING SYSTEMS

AB-96 Supplementary Sheet 1 2013-03

SAMPLE

FOR ABSA USE ONLY:
Reference Tracking No. _____