

INFORMATION FOR UNFIRED PRESSURE VESSEL DESIGN APPROVAL
(LOCAL MANUFACTURER RECOGNIZED BY DEPARTMENT)

ANNOUNCEMENT

- i. Any incomplete application will be rejected. **Incomplete application includes the submission without letter of application, design drawing, or design calculation.**

NEW APPLICATION

1. Application letter shall be issued from **local manufacturer recognized by the Department** or owner.
2. Documents that shall be attached when submitting the application are as follows:
 - i. **Design drawing shall be furnished with a minimum information as shown in the example of Design Drawing (Appendix)** and includes:
 - a. Main dimensions.
 - b. Welding details.
 - c. Service of nozzles & orientation of nozzles.
 - d. Details of material specifications.
 - e. Design data such as design pressure, design temperature, working pressure, working temperature, test pressure, design code, working media, volume, corrosion allowance, welding factor, flange rating and etc.
 - f. Detail drawings of any components and welding including reference or configuration must be noted on the drawing.
 - g. Location of main safety features such as pressure gauge and safety valve.
 - h. Other useful information, if needed.
 - ii. **Design calculation** shall be calculated in accordance with one of the latest version of the recognized design codes by the Department.
 - iii. Documents submitted shall be in **Malay or English Language**. Any translations made shall be done by the local manufacturer recognized by Department, recognized Inspecting Authority by the Department or recognized translation Institution.
 - iv. For further information, please refer to Factories and Machinery (Steam Boiler and Unfired Pressure Vessel) Regulations, 1970 and Factories and Machinery Act, 1967.

Notes :

- a. Design, fabrication, examination and testing activities for the pressure vessel shall be in accordance to the latest and recognized design code by the Department.