



Your Ref. : ASA 15
Our Ref. : JKKP IS 127/453/2-2015233703(2)
Date : 04-Aug-2015

Manager
EPE ITALIANA
VIALE SPAGNA 112
20093 MILAN
ITALY

Sir,

Design Approval for Unfired Pressure Vessel

Item : ACCUMULATOR
Dimension : 229 OD mm x 1753 L mm x H mm
Drawing No. : C11673-15E-C
Model :

With the power given to me as the Chief Inspector of Factories and Machinery, Malaysia, I hereby prescribed the authorized safe working pressure to unfired pressure vessel as follows:-

Part	Authorized Safe Working Pressure	
	kPa	Psi
Shell	27580	4000

2. This approval shall be subjected to the following conditions as per below:
- Vessel at the time of construction shall be inspected by the Inspecting Authority listed in the Fourth Schedule to the Regulations (steam boilers and unfired pressure vessels) Factories and Machinery 1970. Certificate of Inspecting Authority shall be submitted to the Inspector of Factories and Machinery which will examine and perform tests on the vessel.
 - Certificates from the manufacturer or maker of the unfired pressure vessel shall be submitted to the Inspector of Factories and Machinery which will examine and perform tests on the vessel.
 - The vessel construction in respect of procedure and quality control shall be in accordance with **ASME SEC. VIII DIV. 1 2010 + ADD.2011**
 - This vessel shall pass hydrostatic test witnessed by the Inspector of Factories and Machinery at the following pressure :

Part	Hydrostatic Test Pressure	
	kPa	Psi
Shell	35850	5199

- Major parts as prescribed in Regulation 47 Regulations (Steam Boiler and Unfired Pressure Vessel) Factories and Machinery Act 1970 must be complied with.

(bersambung di muka sebelah)

3. The authorized safe working pressure shall be valid until:
- i. there is a change or design code revision which required a change in the design, construction and inspection to specification and current practice when the approval was given, or
 - ii. this Department which differs canceled or revokes the safe working pressure.

The applicant is responsible to monitor the design status as stated in item (i) and (ii) above for construction of similar vessel in the future.

4. This vessel is constructed by **CHENGDU TIANREN PRESSURE VESSEL FACTORY, 279#, LINGBO WEST ROAD, 610500 XINDU CHENGDU, SICHUAN PROVINCE.**
5. Please contact the following office:
- i. Hydrostatic Test : Department of Occupational Safety and Health
Tempatan
 - ii. Permission to Install : Department of Occupational Safety and Health
Tempatan
6. Note: The approval is valid for the construction of up to **two years** from the date of this letter.
7. This Vessel is constructed for: Stock

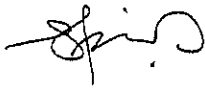
Capacity: 0.05 cubic meters / 1.91 cubic feet

Working medium: HYDRAULIC OIL

Thank You.

"BERKHIDMAT UNTUK NEGARA"

Yours Faithfully,



(SUPIAN B. ALIAS)
b.p Director General
Department of Occupational Safety and Health
Malaysia.

s.k : Director
Department of Occupational Safety and Health
Tempatan

sha/2015233703