



HEALTH, SAFETY AND EMERGENCY MANAGEMENT

Promoting a safer place to work and study

HSEM BULLETIN

Pressure Equipment

Who needs to read this?

All staff

Information

Pressure equipment subject to internal or external pressure, can fail catastrophically causing significant injuries and property damage.

They are categorised into hazard levels from A to E, with A being the most hazardous and E being the least hazardous. Factors that contribute to the hazard level include maximum design pressure, volume, fluid contents and working environment. Legislative requirements for each pressure vessel are dependent on the hazard level classification according to AS 4343:2014.

There is a wide range of pressure equipment used at Curtin University. Examples of pressure vessels and equipment include, but not limited to: boilers, autoclaves, pumps, triaxial stress cells, air receivers, air compressors, assembly of pipes subjected to internal or external pressure etc.

In order to facilitate compliance with legislative requirements, HSEM has developed a Pressure Equipment Register to record required information and be utilised by several Department/Areas to ensure compliance.

This Pressure Equipment Register does not include gas cylinders which are used for storage.

Recommendations

- If your area has pressure equipment, please contact Health Safety and Emergency Management on ext 4900 or email us at healthandsafety@curtin.edu.au so that we can assess if these are required to be:
 - added to the Pressure Equipment Register,
 - registered with Worksafe.
- A maintenance program should be implemented and co-ordinated by the Department/Area at intervals prescribed by the Manufacturer/Supplier.
- Inspection and maintenance records are to be kept by the area for auditing purposes or if requested by Worksafe.

Who do we call with questions?

If you have any queries, please contact Health, Safety and Emergency Management on 9266 4900 or email healthandsafety@curtin.edu.au.

References

Occupational Safety and Health Regulations 1996 (WA)

AS/NZS 1200:2015 Pressure equipment

AS 4343:2014 Pressure equipment – Hazard Levels

WorkSafe WA

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