

IMPLEMENTING THE HEALTH AND SAFETY AT WORK ACT 2015:
Better Regulation - Plant, Structures and Working at Heights

HIGH-RISK PLANT



You'll be interested in this fact sheet if you design, manufacture, supply, install, own, operate, inspect or maintain the following types of equipment:

- › cranes, hoists and access equipment, such as telescopic booms, scissor lifts, building maintenance units etc
- › boilers and pressure equipment
- › passenger ropeways, such as ski-lifts and gondolas
- › amusement devices, such as fairground rides, bungee jumps, and other engineered recreational equipment.

These are types of plant which have long been recognised as presenting higher risks to workers and others who are either riding on them or in proximity of plant should it fail.

Section 5 of the discussion paper proposes repealing the Amusement Device Regulations 1978 and the Pressure Equipment, Cranes and Passenger Ropeways Regulations 1999. They would be replaced with new regulations for "high risk" plant, while retaining existing inspection and accreditation processes for individual items of plant.

Existing standards will be maintained, but we propose some extension of coverage and new requirements...

Although incident and injury rates suggest that current design verification, inspection and registration duties are generally working, there are gaps in coverage and the level of conformity provided by the current regulations.

There is also scope for improving consistency of application and reducing compliance costs for imported serially produced plant (i.e. individually or batch produced, but not mass produced).

Conformity and transparency of the regulations will be improved by the introduction of two new central registers. Some new types of plant would require registration.



The regulation of pressure equipment, cranes and passenger ropeways can be improved...

- › There are gaps and inconsistencies in coverage of new types of machinery
- › Imported serially produced plant is often of uncertain quality
- › Design information and records are not easily available
- › There are inconsistent inspection standards and processes
- › There is limited regulator interaction and an insufficient feedback loop for “type faults”
- › Design verification requirements are unclear and inconsistently applied
- › High-risk plant may be altered without peer review or proper consideration of risks to health and safety
- › Insufficient consideration of seismic performance

The regulation of theme park rides and amusement devices can be improved...

- › There are gaps and inconsistencies in coverage, including model or heritage engineering
- › Local authorities’ involvement in permitting is unclear and variable
- › Some stakeholders would prefer safety management systems and audit based approaches
- › It can be unclear which New Zealand or other Standards apply
- › Importers can face unnecessary costs
- › There are few incentives to improve competency of installers, operators etc

We want to provide a clear and proportionate framework that targets plant that poses the highest risks.

Here are some ideas we’re proposing for the regulation of high-risk plant. Tell us what you think.

Central registration of high-risk plant

Register of plant designs

- › Applies to a wider range of high risk plant
- › Designs of specified types of plant must be verified and centrally registered
- › Alterations increasing risks to health and safety must be registered
- › Equivalent Australian registration of designs recognised in New Zealand

Register of individual items of plant

- › Items of plant that presents the greatest level of risk must be individually registered
- › Design registration is a prerequisite for item registration
- › Retaining current accreditation and inspection requirements
- › Remove or reduce territorial authorities’ involvement for amusement devices

- › Applies to new plant and some safety critical features of existing plant
- › Should notification requirements for incident and type faults be retained?
- › How do we make sure operators are competent and plant is regularly and thoroughly inspected and maintained?

With your help, we want to get this right

Based on your experience and information, we want to know what proposals and options you think will be most effective to achieve the change we want to see for workers and businesses.

Tell us what is going to work in practice and how it will impact you, your workers, or your business.

Your feedback will help us identify the best options for change and inform the government’s final policy decisions.

Make a submission www.mbie.govt.nz/plant-and-structures