

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

CONSTRUCTION



DO YOU WORK IN OR RUN A BUSINESS
IN CONSTRUCTION – RESIDENTIAL OR
COMMERCIAL, OR CIVIL ENGINEERING?



ARE YOU CONTRACTOR, SUBCONTRACTOR,
ENGINEER, ARCHITECT OR OTHER
SPECIALIST THAT PROVIDES SERVICES
TO THE CONSTRUCTION SECTOR?



DO YOU REPRESENT OR ADVOCATE FOR
ANY OF THESE PEOPLE?

If you are involved in construction work, either directly or through others, this consultation will be relevant to you.

We want your views on how best to manage risks at work.

MBIE is looking at how risks involving plant, structures, heights and excavations are managed at work.

We are also looking at how best to manage the risks of high-risk plant, such as cranes, hoists and booms, and access equipment, and processes for ensuring the safe design of plant and structures.

Plant includes any vehicle, machinery, equipment, tool, vessel and/or aircraft etc. Examples in construction include cranes and hoists, cutting and grinding equipment, compressors, and earthmoving and excavation machinery.

Structures include anything that is constructed, whether fixed or moveable, temporary or permanent. Examples include buildings, scaffolds, masts and aerials, racks and stands.

The old regulations are out of date, piecemeal and prescriptive. For example, there are limited controls on new kinds of access equipment and scaffolding components.

We want the regulations to be effective, proportionate, clear and cost-effective to ensure workers are protected from harm and businesses know how to do this well.



**MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT**
HĪKINA WHAKATUTUKI

New Zealand Government

Plant and Structures can cause significant harm

Plant and structures are everywhere, in all sectors and used for many different purposes at work. Plant and structures are involved in 76% of work-related fatalities. Risks associated with plant and structures kill and seriously injure individuals every day.

Plant, structures, mobile plant and heights are some of the key risks in construction work.

82% of deaths in construction involved **PLANT OR STRUCTURES (2008–2017)**

41% of deaths in construction involved **MOBILE PLANT (2008–2016)**

FALLS FROM HEIGHT in construction at **3X** the rate of the manufacturing sector. Falls from height caused **18%** of the cost of construction sector injuries in 2015

EXCAVATIONS were involved in:
4 DEATHS and **27 SERIOUS INJURIES (2008–2017)**

Tell us what you think

Want to be a part of the discussions that could affect you?

We need your feedback on the effects of the proposals on your business, work or workplace to make sure we achieve practical, effective and better options for change.

To make a submission visit:
www.surveymonkey.com/r/MBIE-plant-and-structures

To find out more – visit our website at:
www.mbie.govt.nz/plant-and-structures

IDEAS WE'RE THINKING ABOUT



How do we ensure plant and structures are designed, manufactured, imported, supplied and installed with health and safety in mind?

We want to discuss:

- › Options for designers and others to ensure designs are safe
- › Options for ensuring all parties in the supply chain receive the information they need to ensure safety

Find out more in the [designers etc. factsheet](#)



How do we protect people working at heights and with scaffolding?

There are options for businesses to manage the risks of construction work at heights and ensure adequate scaffolding is in place, including:

- › A hierarchy of controls for managing the risk of falls from height
- › Deciding when scaffolding is needed
- › Who is able to assemble and inspect scaffolds

Find out more in the [working at heights and scaffolding factsheet](#)



How do we protect people working in or on excavations?

We want to discuss:

- › Options for businesses to manage risks when completing excavations
- › Managing the risks of underground services

Find out more in the [excavations factsheet](#)



How do we manage the risks of high-risk plant such as cranes and lifting equipment?

We want to discuss:

- › Options for registering the designs of some high-risk plant
- › Options for registering individual items of plant that present the highest risk
Inspection, operation and record keeping requirements for high-risk plant

Find out more in the [high-risk plant factsheet](#)



How do we protect people working on or with plant/mobile plant?

We want to talk to you about how to strengthen risk management in your work with plant (e.g. cutting equipment, pumps, hoists compressors and conveyors) including:

- › Guarding and safety features – ensuring these are used properly
- › Cleaning and maintenance
- › Plant lifecycle - ensuring plant stays safe from commissioning to decommissioning, and when it is altered
- › Managing the risks of mobile plant

Find out more in the [plant factsheet](#) and [mobile plant factsheet](#)