



Prescribed occupation

From 1 January 2006, changes to training and licencing requirements take effect for cranes, hoists, doggers, riggers, scaffolders, and pressure equipment operation, including the addition of a new licence for self-erecting tower crane operators.

What is a prescribed occupation?

Definition, national system

What is an accredited provider and a Registered Training Organisation (RTO)?

Definition of accredited providers, definition of registered training organisations

What are the different types of licences issued?

Dogging, rigger, scaffolding, crane operation, pressure equipment operation

Existing and interstate licence holders

Scope of licences, no expiry date, interstate recognition, not issued in all States

When don't I need a licence?

Not a prescribed occupation, licences that are no longer required, examples of need of licence

How to obtain a licence?

Crane and hoist operators, load shifting equipment operators, pressure equipment operators

Fees for licences

Assessment of qualification, application, replace a lost licence

What is a prescribed occupation?

Definition of prescribed occupation

Section 17(2) of the *Workplace Health and Safety Regulation 1997* (the Regulation) provides that a person must not work in a prescribed occupation listed in Schedule 5 unless the person is the holder of a relevant authority to work in that prescribed occupation (certificate/licence) or is a trainee in that occupation.

Schedule 5 of the WHS Regulations 1997 lists a prescribed occupation as:

- **cranes and hoist operators** – tower, self-erecting tower, derrick, portal boom, bridge or gantry crane, vehicle loading crane, non-slewing mobile, slewing mobile, elevating work platform, concrete placing boom, personnel hoists and material hoists
- **load shifting equipment operators** – dozer, excavator, forklift truck, order-picking forklift truck, front-end loader, front-end loader/backhoe, grader, road roller, skid steer and scraper;
- **pressure equipment operators** – boiler, turbine and steam engine
- **riggers**
- **doggers**
- **scaffolders**

There are potential risks associated with operating certain plant and equipment. To ensure operators, working within a prescribed occupation have the appropriate skills and knowledge, it is a requirement under the Act to undertake training and hold the appropriate authority (certificate/licence).

National system for licences

The certification system provides assurance that the operators and users of high risk plant will have the required level of knowledge and skill to do this safely.

As a general rule, people seeking a new licence will need to be assessed in accordance with national uniform procedures:

- *National Occupational Health and Safety Certification Standard for Users and Operators of Industrial Equipment (NOHSC: 1006)* and provides consistent guidelines all jurisdictions in Australia must adhere to when certifying (i.e. testing and issuing licences) users and operators of industrial equipment.
- *National Occupational Health and Safety Competency Standards for the Operation of Loadshifting Equipment and other Types of Specified Equipment (NOHSC: 7019)* provides safety standards for the operation of potentially hazardous equipment by providing basic health

and safety competencies for incorporation into relevant industry competency standards and training programs.

This means any licences (certificates) issued for prescribed occupations within Queensland are recognised across all other jurisdictions in Australia.

For example, if you have a licence (certificate) issued by the State of NSW this will be recognised within Queensland and the holder of the licence will not be required to be re-tested or have to apply to Workplace Health and Safety Queensland for a re-issue of a Queensland operators licence (certificate).

View the various types of licences (certificates) issued by Workplace Health and Safety Queensland.

What is an accredited provider and a Registered Training Organisation (RTO)?

Accredited providers are accredited under the Workplace Health and Safety legislation to assess applicants for their certificate to work in a prescribed occupation. Accredited providers will be able to assess applicants for certificates in prescribed occupations until 1 July 2007.

Registered Training Organisations (RTOs) are authorised to deliver accredited training by the Department of Employment and Training (DET). As of 1 July 2007, RTOs who conduct Workplace Health and Safety courses accredited by DET for prescribed occupations will be the only organisations authorised to assess applicants in prescribed occupations.

Training in prescribed occupations is still able to occur in a variety of ways. This includes, undertaking a [training course with an RTO, or on the job training](#) with a person suitably certificated to perform the work. However, applicants will still need to be assessed by an RTO or, until 1 July 2007, an Accredited Provider.

What are the different types of licences (certificates) issued?

The different types of certificates issued cover:

Pressure equipment operation
Crane or hoist operation
Loadshifting equipment operation
Dogging
Rigging
Scaffolding

Assessments for certificates to work in prescribed occupations are transitioning to a Vocational Education and Training (VET) system:

- From **1 January 2006** learning and assessment for loadshifting work can be provided by either accredited providers or registered training organisations. Learning and assessment for self erecting tower cranes is provided by registered training organisations.
- From **1 July 2006** learning and assessment for cranes and hoists, rigging, dogging, scaffolding, and pressure equipment can be provided by either accredited providers or registered training organisations.
- From **1 July 2007** only registered training organisations will be authorised to provide learning and assessment for all prescribed occupations.

Pressure equipment operation

For more information about the knowledge and skills needed to undertake assessment refer to the units of competency below or contact:

- an accredited provider, registered training organisation or your employer
- the Department of Industrial Relations' Infoline on 1300 369 915 for information about accredited providers and registered training organisations in your area

Licence	Licence code	Unit of competency what is a unit of competency?
Boiler operator - basic boilers with a single fixed combustion air supply and a non-modulating single heat source and a fixed firing rate	BB	Operate a boiler (basic) (PDF, 111KB)

Boiler operations - intermediate boilers with a modulating combustion air supply or modulating heat source or a superheater or economiser	BI	Operate a boiler (intermediate) (PDF, 112KB)
Boiler operations - advanced multiple fuel type boilers which may be fired simultaneously	BA	Operate a boiler (advanced) with multiple fuels simultaneously fired (PDF, 112KB)
Turbine turbines with power output of 500kw or more	TO	Operate a turbine (PDF, 105KB)
Reciprocating steam engines steam engines with a piston diameter of more than 250mm	ES	Operate a reciprocating steam engine (PDF, 106KB)

The BA certificate encompasses the BB and BI certificates.
The BI certificate encompasses the BB certificate.

The Australian Standard AS 2593, Boilers - Unattended and limited attendance, in Table 1.1 details conditions under which certain classes of boilers may be operated either unattended, or with limited attendance.

Crane or hoist operation

For more information about the knowledge and skills needed to undertake assessment refer to the units of competency below or contact:

- an accredited provider, registered training organisation or your employer
- the Department of Industrial Relations' Infoline on 1300 369 915 for information about accredited providers and registered training organisations in your area

Licence	Licence code	How to obtain a certificate	Unit of competency what is a unit of competency?
Self-erecting tower crane	CS	How to obtain a certificate	Operate a self-erecting

			tower crane (PDF, 518KB)
Tower crane	CT	How to obtain a certificate	Operate a tower crane (PDF, 101 KB)
Derrick crane	CD	How to obtain a certificate	Operate a derrick crane (PDF, 102 KB)
Portal boom crane	CP	How to obtain a certificate	Operate a portal boom crane (PDF, 102KB)
Bridge of gantry crane (other than operation by a remote control having not more than 3 powered operations)	CB	How to obtain a certificate	Operate a bridge and gantry crane (PDF, 98 KB)
Vehicle loading crane	CV		Operate a vehicle loading crane (PDF, 90KB)
Non-slewing mobile crane	CN		Operate non slewing mobile cranes (less than three tonnes capacity) (PDF, 98KB)
Slewing mobile crane with a capacity of 20 tonnes or less	C2		Operate slewing mobile crane (up to 20 tonnes) (PDF, 98KB)
Slewing mobile crane with a capacity of 60 tonnes or less	C6		Operate slewing mobile crane (up to 60

			tonnes) (PDF, 98KB)
Slewing mobile crane with a capacity of 100 tonnes or less	C1		Operate slewing mobile crane (up to 100 tonnes) (PDF, 98KB)
Slewing mobile crane with a capacity of more than 100 tonnes	C0		Operate slewing mobile crane (open/over 100 tonnes (PDF, 98KB)
Elevating work platform boom-type work platform with a boom length of 11 metres or more	WP		Operate boom type elevating work platforms (boom length 11 metres or more) (PDF, 89 KB)
Concrete placing boom mobile truck mounted concrete placing boom with a knuckle boom capable of power operated slewing and luffing	PB		Operate concrete placing booms (PDF, 93KB)
Materials hoist with a cantilever platform	HM		Operate material hoists (cantilever platform) (PDF, 86KB)
Personnel and material hoists	HP		Operate a hoist (material or personnel) (PDF, 85KB)

The CS certificate is for self-erecting tower cranes which takes effect 1 January 2006

The CN certificate includes non-slewing articulated mobile cranes.
 The C0 certificate encompasses the CV, CN, C2, C6 and C1 certificates.
 The C1 certificate encompasses the CV, CN, C2 and C6 certificates.
 The C6 certificate encompasses the CV, CN and C2 certificates.
 The C2 certificate encompasses the CV and CN certificates.

Loadshifting equipment operation

For more information about the knowledge and skills needed to undertake assessment refer to the units of competency below or contact:

- the Department of Employment and Training's Centre for Training Materials on (07) 3248 4675 about resources suitable for both Queensland courses and OHS assessment instruments
- an accredited provider, registered training organisation or your employer
- the Department of Industrial Relations' Infoline on 1300 369 915 for information about accredited providers and registered training organisations in your area

Units of competency set out the knowledge and skills needed to demonstrate competent performance in a prescribed occupation.

Licence	Licence code	Unit of competency what is a unit of competency?
Bridge or gantry crane if a load more than 5 tonne is being lifted by remote control with no more than 3 powered operations	LBG	Operate a bridge and gantry crane (PDF, 98 KB)
Dozer	LZ	Operate a dozer (wheeled and tracked) (PDF, 95KB)
Excavator engine capacity of more than 2 litres	LE	Operate a excavator (PDF, 95KB)
Forklift truck other than a pedestrian	LF	Operate a forklift truck (PDF, 98KB)

operated fork lift truck		
Front-end loader having an engine capacity of more than 2 litres	LL	Operate a front end loader (PDF, 95KB)
Front-end loader/backhoe having an engine capacity of more than 2 litres	LB	Operate a front end loader/backhoe (PDF, 95KB)
grader	LG	Operate a grader (PDF, 94KB)
Order picking forklift truck	LO	Operate a order picking forklift truck (PDF, 94KB)
Road roller an engine capacity of more than 2 litres	LR	Operate a roller (PDF, 94KB)
Skid steer loader an engine capacity of more than 2 litres	LS	Operate a front end loader skid steer type (PDF, 96KB)
Scraper	LP	Operate a scraper (PDF, 91KB)

Dogging

For more information about the knowledge and skills needed to undertake assessment refer to the units of competency below or contact:

- an accredited provider, registered training organisation or your employer
- the Department of Industrial Relations' Infoline on 1300 369 915 for information about accredited providers and registered training organisations in your area

Licence	Licence code	How to obtain a certificate	Unit of competency what is a unit of competency?
Dogging includes selection and	DG	How to obtain a	Perform dogging operations (PDF,

inspection of lifting gear including slinging and movement of loads handled by a crane		certificate	90 KB)
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Rigging

For more information about the knowledge and skills needed to undertake assessment refer to the units of competency below or contact:

- an accredited provider, registered training organisation or your employer
- the Department of Industrial Relations' Infoline on 1300 369 915 for information about accredited providers and registered training organisations in your area

Licence	Licence code	How to obtain a certificate	Unit of competency what is a unit of competency?
Rigging - basic includes movement of plant and equipment including steel erection	RB	How to obtain a certificate	Perform dogging operations (PDF, 90 KB)
Rigging - intermediate includes equalising gear tilt slabs and rigging of cranes	RI	How to obtain a certificate	Perform dogging operations (PDF, 90 KB)
Rigging - advanced includes gin poles, suspended, fabricated and hung scaffolds	RA	How to obtain a certificate	Perform dogging operations (PDF, 90 KB)

The RA certificate encompasses the DG, RG and RI certificates.

The RI certificate encompasses the DG and RB certificates.

The RB certificate encompasses the DG certificate.

Scaffolding

For more information about the knowledge and skills needed to undertake assessment refer to the units of competency below or contact:

- an accredited provider, registered training organisation or your employer
- the Department of Industrial Relations' Infoline on 1300 369 915 for information about accredited providers and registered training organisations in your area

Licence	Licence code	How to obtain a certificate	Unit of competency what is a unit of competency?
Scaffolding - basic includes prefabricated, bracket, tank and formwork scaffolds	SB	How to obtain a certificate	Perform basic scaffolding operations (PDF, 88 KB)
Scaffolding - intermediate includes tube and coupler, spurred and cantilever scaffolds	SI	How to obtain a certificate	Perform intermediate scaffolding operations (PDF, 89 KB)
Scaffolding - advanced includes hung scaffolds, scaffolds hanging from tubes, wire ropes, chains and suspended scaffolds	SA	How to obtain a certificate	Perform advanced scaffolding operations (PDF, 86 KB)

The SA certificate encompasses the SB and SI certificates.
The SI certificate encompasses the SB certificate.

Existing and interstate licence holders

Licences can also be known as certificates or certificates of authority.

Existing licence holders

Existing Queensland licence (certificate) holders for dogging, rigging, scaffolding, pressure equipment and crane and hoist operation can continue working in Queensland within the scope of their licence without the need to obtain a new licence. There is no requirement to renew your licence as there is no expiry date.

However, with the introduction of the new self-erecting tower crane licence (CS), a holder of a tower crane licence (CT) who is operating self erecting tower cranes will have from 1 January 2006 through to 1 July 2007 to obtain the new self-erecting tower cranes licence (CS).

Interstate licences

The National Occupational Health and Safety Certification Standard for Users and Operators of Industrial Equipment (NOHSC: 1006) provides consistent guidelines all jurisdictions in Australia must adhere to when certifying (i.e. testing and issuing licences) users and operators of industrial equipment.

National licences (certificates) for dogging, rigging, scaffolding, pressure equipment and crane and hoist operation are recognised throughout Australia. Licences for loadshifting equipment operation are not issued in all States and Territories with the exception of forklift trucks and order picking forklift trucks. However, if you have a licence issued from Queensland you are entitled to use it within any other State or Territory of Australia.

For example, if you have a licence (certificate) issued by the State of NSW this will be recognised within Queensland and the holder of the licence will not be required to be re-tested or have to apply to Workplace Health and Safety Queensland for a re-issue of a Queensland operators licence (certificate).

When don't I need a licence

Work that is not a prescribed occupation

Section 18(2) of the *Workplace Health and Safety Regulation 1997* states that a person performing the type of work defined in S 18 (1) (Work incidental to a prescribed occupation) is not taken to be performing work in a prescribed occupation. This means:

- (a) a person -
 - (i) whose work is primarily –
 - (A) the maintenance, servicing or repair of plant; or
 - (B) the demonstrating of plant for sale; and

- (ii) who performs work not involving the use of the plant for the purpose for which it was designed, or:
- (b) a person -
- (i) whose work is primarily the maintenance, servicing or repair of plant; and
 - (ii) who performs rigging work not involving lifting a load of more than 1 tonne does not need to hold a certificate.

Section 18 of the Regulation confirms a person **does not need to be** the holder of the appropriate certificate or be a trainee to operate the plant when the operation of the plant is associated with maintenance, servicing or repair of the plant or demonstration of the plant for sale and involves:

- movement of the machine: or
- movement of controls

for the purpose of maintenance etc and does not involve the movement of a load or materials, that is, the purpose for which the machine was designed.

In a similar way, the movement of plant (a short distance), for example from a ship on to a wharf or onto and off of transport vehicles, would not involve use of plant for the purpose it was designed or full occupational use.

However if there is operation of the plant for the purpose it was designed or full occupational use, a licence is required.

Licences that are no longer required

Several types of licences previously issued by Workplace Health and Safety Queensland are now discontinued. These are:

- Building maintenance unit
- Bulkloader or shiploader
- Internal combustion locomotive
- Refrigeration plant
- Trencher
- Crane chaser
- Dragline
- Straddle carrier
- Cable way
- Explosive power tool
- All welding certificates

Employers will still be required to provide adequate instruction, training and supervision for new entrants to these types of work.

Examples where licences are not required

- The movement of plant to facilitate maintenance, servicing or repair of the plant; or

- The operation of the controls of the equipment whilst conducting maintenance, service or repairs to the plant where no movement of a load or material is undertaken; or
- The movement of plant from a ship on to a wharf over a short distance, provided drivers are adequately trained and supervised; or
- The movement of plant on or off a transport vehicle between jobs, provided drivers are adequately trained and supervised.

Examples where licences are required

- The driving of plant over more than short distances, around or to another workplace; or
- The use of the plant for which it was designed (to move a load or materials or to consolidate materials); or
- The unloading of plant from a ship on to a wharf if the driver is also required to use the plant for the purpose it was designed; or
- The movement of plant on and off a transport vehicle, if the driver is also required to use the plant for the purpose it was designed.

How to obtain a licence (certificate)?

The process of obtaining a licence depends on the type of licence you wish to obtain:

- **crane and hoist operators** – tower, self-erecting tower, derrick, portal boom, bridge or gantry crane, vehicle loading crane, non-slewing mobile, slewing mobile, elevating work platform, concrete placing boom, personnel hoists and material hoists
- **load shifting equipment operators** – dozer, excavator, forklift truck, order-picking forklift truck, front-end loader, front-end loader/backhoe, grader, road roller, skid steer and scraper;
- **pressure equipment operators** – boiler, turbine and steam engine
- **riggers**
- **doggers**
- **scaffolders**

Fees for licences (certificates)

Schedule 1 of the *Workplace Health and Safety Regulation 1997* sets out the fees when applying for a certificate (licence) in a prescribed occupation:

Type of application	Fee amount
Assessment of qualification or experience for a certificate (licence)	\$ 25.00
Application for a certificate (licence)	\$ 49.70
Application to replace a lost, stolen or destroyed certificate (licence)	\$ 25.00