



Competency Requirements for Licence to Use Explosives *Explosives Act 1999*

Licence Purpose

A licence to use explosives is issued to cover any specialised or specific stated purpose on the licence for the use of explosives as opposed to the conventional explosives user licences such as shotfirers and fireworks operators. This document identifies the competency requirements or in certain circumstances, the need for a competency assessment to be conducted by an inspector to demonstrate that the person has the skills, knowledge and experience to carry out the explosives activities.

Competencies Available

Currently the national training packages approved by the chief inspector as the necessary qualification for a licence to use explosives is the [Resources and Infrastructure Industry Training Package \(RII\)](#) and the [Creative Arts and Culture Training Package \(CUA\)](#). The attached table contains specific competencies contained in industry training standards as approved by the chief inspector for the licence to use explosives. The SOA based upon the competency units in the RII and CUA packages will be the only statements accepted for licensing purposes.

Please note: Release 5.0 of the Resources and Infrastructure Industry Training Package was released on the 23rd September 2020. To allow for the transition of this release, immediately superseded or equivalent units of competency, applicable to the current units listed on page three and four, will be accepted for licensing purposes until 23rd September 2021.

New Applicants

Where the competencies as detailed in the attached matrix exist, applicants must have, within the 5 year period ending on the day the application is made, been assessed by a registered training organisation. The approved registered training organisations are listed at www.rshq.qld.gov.au.

Renewing Applicants

Licence holders who are renewing their licence to use are advised to clearly define their requirements for their licensing needs to the RTO undertaking the training so the correct competencies can be attained. The statement of attainment must be dated within 5 years on the day the licence is due to expire.

This table is not exhaustive. A licence to use explosives may be issued for an activity not covered below. Please contact your nearest regional office of the explosives inspectorate before applying for a licence of this type.

How to use table/s:

The applicant must obtain each competency indicated by an 'X' in one of the columns relevant to the licence Class applied for.
For example: an applicant who seeks a licence use for Explosives Detection Dogs must have attained the relevant competencies below.

Competency Unit		Explosives Detection Dogs	
		Training Package	
RIIBLA301E	Conduct surface shotfiring operations	RII	
RIIBLA205E	Store, handle and transport explosives	RII	X
		See Note D	

Any relevant notes are referenced at the bottom of the column and are explained below.

D. Licences of this type are restricted to limited quantities of explosives e.g. 1kg. Section 18 of the *Explosives Act 1999*

Competency Matrix for Licence to Use explosives



**Resources Safety & Health
Queensland**

Licence to Use Explosives - Purpose

Competency Unit	Training Package	A Testing - Fireworks	Special Effects - Film & TV (closed set)		Special Effects - before general public		
			B Blasting Explosives	C Fireworks, Pyrotechnics, Propellants	D Blasting Explosives - Re-enactments	E Battlefield Simulation, Pyrotechnics, Propellants (via shotfirer route)	F Battlefield Simulation, Pyrotechnics, Propellants (via fireworks route)
RIIBLA301E Conduct surface shotfiring operations	RII						
RIIBLA205E Store, handle and transport explosives	RII		X		X	X	
RIIBLA305E Conduct secondary blasting	RII		X		X	X	
RIIBLA402E Monitor and control the effects of blasting on the environment	RII						
RIIRIS402E Carry out the risk management processes or equivalent	RII	X	X	X	X	X	X
CUAPYR401 Manage safety and health requirements at fireworks display	CUA			X			X
CUAPYR402 Operate an outdoor fireworks display	CUA			X			X
CUAPYR403 Plan an outdoor fireworks display	CUA			X			X
Interview with an Inspector to demonstrate experience for class and purpose supported with employment history		X	X	X	X	X	X
		See Note A	See Note B	See Note C	See Note D	See Note E	See Note F

X = Mandatory

A. Prerequisites - Must hold Fireworks Operator Licence for the fireworks to be tested - audit against ISO quality standard or equivalent.

B. Holders of a Shotfirer licence will already have SOA for RIIBLA205E Store, handle and transport explosives and RIIBLA305E Conduct secondary blasting however a letter of endorsement from their employer who is currently licensed and authorised to use explosives for special effects (film & TV) must be provided.

C. CUAPYR403 competency is mandatory for fireworks contractors only.

D. Competencies CUAPYR403 Plan an outdoor fireworks display only apply to Contractors, RIIRIS402E Carry out the risk management processes or equivalent should be conducted as a minimum for operators and a higher level risk management unit is required for contractors and/or special effects supervisors.

E. Adapted competency package from Fireworks competencies developed by OHS Media specifically for battlefield effects (HD 1.3 and 1.4).

F. Fireworks operators applying for special effects are restricted to pyrotechnics & propellants only

Competency Matrix for Licence to Use explosives (continued)



**Resources Safety & Health
Queensland**

		Explosives Detection Dogs	Down Hole Perforating	Purchasing of Explosives	Disposal of Explosives and Ordnance	Demolition	Shaping/ Hardening Metal
Competency Unit	Training Package						
RIIBLA301E Conduct surface shotfiring operations	RII						
RIIBLA205E Store, handle and transport explosives	RII	X	X	X*	X	X	X
RIIBLA305E Conduct secondary blasting	RII		X		X	X	X
RIIBLA402E Monitor and control the effects of blasting on the environment	RII				X	X	X
RIIRS402E Carry out the risk management processes or equivalent	RII				X	X	X
CUAPYR401 Manage safety and health requirements at fireworks display	CUA						
CUAPYR402 Operate an outdoor fireworks display	CUA						
CUAPYR403 Plan an outdoor fireworks display	CUA						
Interview with an Inspector to demonstrate experience					X	X	X
		See Note A	See Note B	See Note C	See Note D	See Note E	See Note F

A. Licences of this type are limited to Category 1 quantities
 B. A supporting document from employer stating that applicant has been trained and will operate under their SSMS must be provided
 C. Licences of this type are required for persons or companies without any other authorities to purchase.
 D. Competency RIIBLA402E *Monitor and control the effects of blasting on the environment* is not mandatory for activities outside a built up area.
 E. Condition applied - For each activity all hazards and risks must be controlled to the satisfaction of the Chief Inspector of Explosives prior to the activity.
 F. Competencies RIIBLA402E *Monitor and control the effects of blasting on the environment* and RIIRS402E *Carry out the risk management processes* are not mandatory for activities outside a built up area.

* May not be required for a corporate licence

The following licence types have no specific competency units applicable to them. They are only attained through assessment by the Explosives Inspectorate.

Australian Federal Police	Official duties only	As per matrix
Qld Police - EORT and SERT only	Police competencies validated by OIC only.	Official Duties only. Categories: Blasting Explosives, Fireworks, Pyrotechnics, Propellants and Ammunition
Testing of Explosives	Competency Assessment by Inspector of Explosives Only	Prerequisites - Licence to Sell. Sales related activities.
Demonstration of Explosives	Competency Assessment by Inspector of Explosives Only	Prerequisites - Licence to Sell. Sales related activities.
SSAN - Commercial Production Process	Competency Assessment by Inspector of Explosives Only	Security Plan, SMS required.
SSAN - Use (agricultural)	Nil Competencies applicable - Prerequisites Only	Security Plan required.
Training - Shotfirers	Nil Competencies applicable - Prerequisites Only	Prerequisites - Holder of SF Licence for competencies to be taught. Completed audit with inspector - Must be an RTO under ASQA.
Training - Fireworks	Nil Competencies applicable - Prerequisites Only	Prerequisites - Holder of FC Licence for competencies to be taught. Completed audit with inspector - Must be an RTO under ASQA.
Model High Powered Rockets >62.5g	Nil Competencies applicable - Prerequisites Only	Competency issued by Rocketry Association. Certification from an association acceptable to the Chief Inspector.
Free from Explosives Certifier	Competencies as determined by the Chief Inspector	For collectors ammunition, decommissioning plant and equipment.
Miscellaneous	Competencies as determined by the Chief Inspector	