



Role title: **Explosives Operations Work Controller**

<b>Role purpose:</b>	To directly control explosives operations such as assembly/disassembly, manufacturing, tests, trial, storage or disposal.
<b>Responsibilities required by this role</b>	<b>Source</b>
Prepare routine reports, progress cards, etc. associated with monitoring and planning the progress of work.	CSI 702
Apply explosives safety rules and maintain high standards of house-keeping.	
Identify potential workplace safety issues and improvements.	
Ensure Explosives activities have positive authorisation	
<p>Users (both resident and non-resident) who are assigned by their organisations for the day to day explosives activities are to be controlled by a work controller, who is authorised and required to:</p> <ul style="list-style-type: none"> <li>ensure only competent and authorised persons carry out tasks involved in explosives processing</li> <li>ensure that risk assessments and a safe system of work (SSoW) is in place for each process. The assessment is to pay particular attention to protective measures eliminating the potential for abnormal stimuli or environments e.g. the process is arranged to minimise moves and promote careful handling</li> <li>ensure that the effects of work carried out on his behalf do not adversely affect others</li> <li>ensure sufficient information is supplied to safely accomplish all the tasks involved</li> <li>ensure workers are familiar with of the information concerning normal and abnormal situations</li> <li>provide (<i>adequate</i>) supervision to ensure the safety of the workers carrying out the explosives processing</li> <li>ensure the necessary records are kept. Control / direct explosives operations, such as those associated with manufacturing, trials, storage, transport or disposal, within an approved scope of work.</li> </ul>	
<b>Key Accountabilities</b>	<b>Source</b>
<p>All explosives activities (manufacturing, processing, handling, storage, movement, transport, clearance, decommissioning, disposal, use) shall have appropriate measures implemented to:</p> <ul style="list-style-type: none"> <li>Prevent unplanned fire or explosion.</li> <li>Limit the extent of fire or explosion, prevent the spread of any fire and prevent the communication of explosions from one location to another.</li> <li>Protect people from the effects of fire or explosion.</li> <li>Prevent contamination and spread of contamination of explosives into the environment, including working environment, so far as is reasonably practicable.</li> <li>Ensure all staff are suitably supervised</li> </ul>	CSI 1401 (for full explanation)



It is expected that Controller will have met the Team Member common technical competences	
Technical competences common to this role *= TCO Core competency	NOS ESA
Contribute to explosives Standard Operating Procedure/s	4.14
Supervise the placing of explosive substances and/or articles into storage	7.2
Conduct safety checks on explosives facilities	9.3
Determine the existence of a suitable explosive substances and/or articles disposal procedure	11.2
Work effectively in a team involving explosive substances and/or articles	13.1
Provide leadership in your area of responsibility	13.7
Conduct an Assessment of risks in the workplace (Guidance & 3 sub elements)	13.8
Identify Hazards in the workplace	13.8.1
Assess the level of risk and recommend action	13.8.2
Review your workplace assessment of risks	13.8.3
Provide explosives technical or safety advice and/or guidance to others	13.9
Hand over explosive substances and/or articles	13.11
Manage equipment in an explosives environment	13.14
Manage explosives safety	13.16
Supervise explosives safety	13.18

Qualifications relevant to this role	Essential / Desirable	Source
None	N/A	
Training relevant to this role that supports demonstration of competence	Essential / Desirable	Source
FUSE (Fundamentals and Understanding of Safety with Explosives) Explosives area workplace rules	E	AWE

NOTE: These KEY role competencies will live as an annex to this role

NOS ESA		RD&D	Trials & Testing	Manufacture	Assembly/Disassembly	Storage /Transportation	Disposal
1.2	Create the specification for an explosive substance or article	✓					
1.4	Gather and interpret the information on explosive substances and/or articles	✓	✓	✓		✓	✓
1.5	Identify and gather the information on explosive substances and/or articles	✓	✓	✓		✓	✓
1.7	Prepare the research programme for explosive substances and/or articles	✓	✓			✓	✓
1.9	Plan the research into explosive substances and/or articles	✓	✓			✓	✓
1.11	Carry out investigations and analyse the information collected on explosive substances and/or articles	✓	✓			✓	✓
1.12	Contribute to carrying out investigations and analysing the information collected on explosive substances and/or articles	✓				✓	✓
1.14	Assess and document research findings into explosive substances and/or articles	✓	✓			✓	✓
1.16	Carry out small scale processing for explosive substances and/or articles	✓					
1.23	Gather information to assist in generating explosive article design options	✓					
3.1	Establish the performance criteria for explosive substances and/or articles	✓	✓				
3.2	Determine the existence of a suitable trial or test procedure for explosive substances and/or articles	✓	✓			✓	✓
3.9	Plan the test of explosive substances and/or articles	✓	✓			✓	✓
3.10	Manage the trial of explosive substances and/or articles	✓	✓				
3.12	Carry out pre-trial or pre-test tasks relating to explosive substances and/or articles		✓		✓		
3.14	Carry out trials of explosive substances and/or articles		✓		✓		
3.15	Carry out tests of explosive substances and/or articles		✓		✓		
3.19	Carry out post-trial or post-test tasks relating to explosive substances and/or articles		✓				
4.7	Supervise the preparation of explosives processing operation			✓	✓		
4.9	Supervise explosives processing				✓	✓	✓

NOTE: These KEY role competencies will live as an annex to this role

NOS ESA		RD&D	Trials & Testing	Manufacture	Assembly/Disassembly	Storage /Transportation	Disposal
4.10	Solve explosives process problems				✓	✓	✓
4.12	Supervise the shutdown of explosives processing				✓		
5.3	Manage the explosive substances and/or articles maintenance plan					✓	
5.6	Implement the complex removal of explosive substances and/or articles				✓	✓	✓
5.8	Implement the complex assembly of explosive substances and/or articles	✓	✓		✓	✓	✓
5.14	Manage explosive substances and/or articles configuration activities	✓	✓			✓	
7.4	Supervise the receiving of explosive substances and/or articles into storage				✓	✓	
7.5	Supervise the maintenance of storage conditions of explosive substances and/or articles				✓	✓	
7.8	Despatch explosive substances and/or articles					✓	
7.9	Supervise the selection, preparation and despatch of explosive substances and/or articles					✓	
7.14	Audit explosive substances and/or articles stock levels and stock inventories					✓	
7.16	Maintain explosive substances and/or articles stock control systems					✓	
8.2	Obtain information on explosive substances and articles load					✓	
11.1	Assess the explosive substances and/or articles for disposal	✓					✓
11.6	Plan the disposal of explosive substances and/or articles (non-complex)						✓
11.8	Carry out explosive substances and/or articles pre-disposal tasks				✓		✓
11.19	Carry out explosive substances and/or articles post-disposal tasks						✓
13.17	Certify as Free From Explosives	✓	✓				✓