

# Training Standard



<b>Title</b>	DSA Remote controlled plant for crushing and breaking - Characteristics and Types
<b>Duration</b>	Minimum 1 day of 6 hours learning
<b>Purpose/ Scope</b>	<p>The purpose of training against this standard is to provide the candidates with the knowledge and understanding of carrying out Crushing and Breaking operations safely</p> <p>The scope includes:</p> <ul style="list-style-type: none"> <li>- The purpose of principle components, controls and terminology</li> <li>- Hazards</li> <li>- Regulations</li> <li>- Safe operations</li> <li>- Various types of equipment and types of attachments</li> <li>- How the equipment works</li> <li>- Selected attachments</li> <li>- Environmental Controls</li> <li>- General Maintenance</li> <li>- Troubleshooting</li> </ul>
<b>Occupational Relevance</b>	<p>Training delivered against this standard would be relevant to the following occupational group(s):</p> <ul style="list-style-type: none"> <li>• operative and craft</li> </ul>
<b>Candidate Pre-requisites</b>	There are no candidate pre-requisites as part of this standard.
<b>Instruction/ Supervision</b>	<p>Trainer approval through the Drilling &amp; Sawing Association (DSA) - approved training provider route is required.</p> <p>As part of the DSA approved training provider route, as a minimum, course instructors must be able to demonstrate that, in relation to this standard, they have:</p> <ul style="list-style-type: none"> <li>• a minimum of 5 years technically competent experience</li> <li>• a verifiable CV</li> <li>• a train the trainer or instructional techniques course certificate</li> </ul>
<b>Delivery</b>	<p>Delivery methods for this course are classroom, demonstration and practical.</p> <p>The course can be delivered off the job environment.</p> <p>This course covers the range of drilling rigs and ancillary products on the market; it also looks at the various methods currently in use in the diamond drilling industry. The diamond drilling equipment and materials must be safe and sufficient and comply with the relevant legislation. The appropriate manufacturer's instructions must be accessible throughout the training.</p> <p>Copy of operator's manual provided by trainer</p> <p>The class size and candidate/instructor ratio must allow training to be delivered in a safe manner and enable candidates to achieve the learning outcomes.</p>

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	The classroom and demonstration aspects of the course can accommodate up to 8 delegates per course. The practical elements will always be performed to a 4:1 Candidate: Trainer ratio.
<b>Assessment</b>	For the successful completion of training, a learner will carry out an end-test in both theoretical and practical elements. These end-tests along with their contribution throughout the course will be evaluated by a competent trainer.
<b>Quality Assurance</b>	<p>Quality assurance against this standard will require initial approval of the training organisation and their content mapped to the standard.</p> <p>CITB will also conduct an approval intervention, either desk-based or centre visit, to ensure the training organisation can meet the requirements of the Training Standard.</p> <p>Approved training organisations (ATOs) will be required to present information on records of training and assessment upon request to CITB for desk-based analysis. They will also be visited annually by the CITB quality assurance team</p>
<b>Renewal</b>	Non-mandatory refresher recommended every 3 years.
<b>Approval Date</b>	<i>TBC</i>
<b>Review Cycle</b>	Either on request or in 3 years from approval date

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Learning Outcomes <i>The candidate will be able to:</i>	Additional Guidance to Support Learning Outcome
Undertake inspection and pre-start checks	Select and use the correct ancillary equipment including PPE. Prepare area for Remote Controlled Plant for Crushing and Breaking, including protection of surrounding area.
Describe how to fit correct attachments for materials to be demolished	
Describe how to move and transport the equipment	
Describe how to safely use the machine including, measuring, setting up exclusion zone, securing, aligning, and demolition process.	Operators Manual
Be able to use and maintain hand tools and ancillary equipment.	
Describe the functions of all the components.	
Describe how to locate and protect services water, gas & electric etc	
A general understanding of maintenance	

## Additional information about this standard

This standard has been established using the Drilling and Sawing Association: code of practice and the national occupation standards (NOS) for QCF unit QCF224

Drilling and Sawing Association:- [www.drillandsaw.org.uk](http://www.drillandsaw.org.uk)

## Related standards