

## **MSMSS00018 Operate a high-pressure water jetting system,**

### ***Introduction***

MIWT Pty Ltd is a Registered Training Organisation (RTO 41232) with ASQA (Australian Skills Quality Authority). MIWT has on offer the skills set **MSMSS00018 Operate a high-pressure water jetting system,**

This skills set is targeted to those personnel experienced in high pressure water jetting who require a more in-depth knowledge of high pressure water jetting systems, pumps, engines, safe equipment operation, managing worksites, safe work practices and associated law, organising work permits, reading and interpreting plans/drawings and emergency and rescue practices. This course provides an operator with the necessary knowledge to supervise a High Pressure Water Jetting project and be responsible for a crew of HPWJ Workers.

All Class B cleaning operations should comply with the AS/NZS 4233.1:2013 High pressure water (hydro) jetting systems and Safe Work Australia Guide for Managing Risks from High Pressure Water Jetting.

### ***Course Description***

Candidates will be permitted by this course and be equipped with skills and knowledge to undertake work involving high pressure water jetting Class B operations.

As a result of this program, candidates will be able to:

- assess hazards and risk associated with high pressure water jetting
- select, inspect, don, doff and caring for PPE
- identify the most appropriate safety systems for work associated with high pressure water jetting
- Operate a high pressure water jetting system

***This Skills Set MSMSS00004 Operate a high-pressure water jetting system, comprises 4 units of competence***

<i>Module</i>	<i>Unit of Competency</i>
<b>1</b>	<b><i>MSMPER200 Work in accordance with an issued permit</i></b>
<b>2</b>	<b><i>MSMWHS110 Follow emergency response procedures</i></b>
<b>3</b>	<b><i>MSMWHS200 Work safely</i></b>
<b>4</b>	<b><i>MSMWJ304 Operate a high pressure water jetting system</i></b>

### ***National recognition***

This skills set has been drawn from the nationally endorsed industry training package MSM Manufacturing training package. On successfully completing the training and assessment, a Statement of Attainment for the Skill Set **MSMSS00018 Operate a high-pressure water jetting system**,

### ***Pre-Requisites Unit of Competence***

Granting of competency in **MSMSS00018 Operate a high-pressure water jetting system** shall be made only after competency in the following unit has been confirmed and the completion of 120 hours performance evidence.

***MSMWJ202 Use high pressure water jetting equipment.***

### ***Program outline***

The course will be delivered using different modes of delivery involving classroom-based instruction and practical skills development sessions. Training will be coordinated from MIWT head office and delivered in your industry simulated work environment.

Candidates will participate in facilitated learning sessions using PowerPoint presentations, handouts and discussion. During practical skills development sessions, candidates will be asked to work in pairs and facilitated through a range of practical skills in high pressure water jetting. Candidates will learn skills through practical instruction using demonstrated performance methods such as: Demonstration, explanation.

### ***Expected duration***

The program is delivered over approximately 16 hours, refresher training completed in 8 hours, the training and is comprised of theory and practical sessions. The program culminates with a practical assessment activity and theory assessment.

### ***Assessment requirements***

***Candidates must successfully complete all assessment activities in order to be assessed as competent.***

The assessment for high pressure water jetting is to be conducted using a combination of written theoretical assessment and practical assessment during simulated workbased scenarios. The following assessment methods are to be applied to collect the required assessment evidence in accordance with training package requirements.

### ***Performance Assessment***

The candidate will be required to demonstrate their practical skills integrated with their knowledge during practical assessment activities. These activities are sourced from varying equipment inspection, pre-operational site checks, equipment donning and doffing, lock out tag out procedures, high pressure water jetting and reporting findings. Trainers will regularly challenge test candidates throughout the course on varying equipment and mark their practical checklist accordingly.

All candidates are required to take part in a practical scenario to complete the course. While this is a group-based activity it allows all candidates to show competence to undertake the activity with a holistic approach understanding all the varying roles and responsibilities.

### ***Written Theory Assessment***

The candidate will be required to satisfactorily complete a theory assessment comprising 59 short-answer questions. These will be marked on the spot in order to provide the candidate with immediate feedback and to allow them to identify areas for further development.

### ***Entry requirements***

There minimum entry requirements is the completion of **MSMSS00017 Use high-pressure water jetting equipment** and the completion of 120 performance evidence is the industry standard set as a prerequisite to enter this course. Foundation skills are required (reading, writing, oral communication, numeracy and learning.).

This course requires the participant to comprehend and complete MIWT's learning materials, i.e. MIWT's Risk Assessment, HPWJ permit, Incident report and the oral/written knowledge assessment.

### ***Language, literacy and numeracy requirements***

*Persons who take part in this program require sufficient literacy and numeracy skills to read, comprehend and complete MIWT's Risk Assessment, HPWJ permit, Incident report and the oral/written knowledge assessment.*

### ***Recognition of Prior Learning***

Applicants can apply for recognition of their existing skills and knowledge that are relevant to the unit of competency. These skills and knowledge may have been obtained through workplace training or experience and may reduce the time required to complete the program. Candidates are encouraged to notify MIWT of their interest or intention to apply for RPL prior to their enrolment.

### ***Candidate Information***

Detailed candidate information is available within our Candidate Handbook which is supplied with the enrolment package. This booklet contains important information about a candidate's rights and obligations such as their right to privacy, a safe training environment and the right to complain or appeal an assessment decision. It is important that persons applying for enrolment have had an opportunity to review this information first, which will have been included in your pre-enrolment information package.

### ***Clothing Requirements***

Clients must wear water proof clothing, steel toe rubber work boots, safety glasses, face shield and rubber gloves for the practical component of the training.

Where a client does not wear the above PPE, they will not be able to participate in the practical component due to hazards associated with HPWJ.

### ***Our Guarantee to Candidates***

MIWT is responsible for the quality of the training and assessment to be provided during your enrolment and for the issuance of any AQF certificates issued to you.

### ***Contact MIWT Today!***

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