

## Consultation Paper for Draft 1 MSM Manufacturing Training Package High Pressure Water Jetting June 2020

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### General update

This consultation paper provides key information about proposed changes to the high pressure water jetting components in the MSM Manufacturing Training Package and should be read prior to providing feedback on any drafts.

The proposed changes to training package components have been informed by feedback from industry stakeholders and overseen by the [Process Manufacturing, Recreational Vehicles and Laboratory Industry Reference Committee](#) who have final authority over the MSM Manufacturing Training Package.

### Submitting feedback

Submit feedback to [manufacturing@ibsa.org.au](mailto:manufacturing@ibsa.org.au) by **Friday, 26 June 2020**.

Please note, it is just as important for us to receive feedback telling us you agree with the draft as it is to provide feedback telling us where there is opportunity for improvement.

### Key information about draft components

An overview of the changes is provided below, accompanying this are key questions to consider when reviewing the drafts. **Attachment A** provides a mapping and summary of changes.

#### ***Units of Competency***

The following units have been reviewed and updated in consultation with industry:

- MSMWJ201 Use high pressure water jetting equipment
- MSMWJ301 Operate a high pressure water jetting system
- MSMWJ302 Operate a drain cleaning system
- MSMWJ303 Operate a vacuum loading system

#### ***Key questions to consider...***

1. Do the proposed units reflect current industry practice?
2. Do the proposed units reflect current industry terminology?
3. Are assessment requirements for the units appropriate?
4. Do you agree with the changes to the performance evidence in MSMWJ301 - *performed the activities outlined in the elements and performance criteria of this unit during a period of at least 120 hours of work?*

### **Skill Sets**

The following skill sets have been reviewed and updated in consultation with industry:

- MSMSS00003 Use high pressure water jetting equipment
- MSMSS00004 Operate a high pressure water jetting system
- MSMSS00005 Operate a drain cleaning system
- MSMSS00006 Operate a vacuum loading system.

#### **Key questions to consider....**

1. Are the units in each skill set appropriate?

### **New Unit of Competency and Skill Set**

Training in hydro excavation (non destructive digging) has been identified by industry as a gap. This method of excavating above and around underground assets (NBN, phone, electrical & gas lines) uses high pressure water and vacuum, and in some cases compressed air and vacuum.

It is suggested that the risks associated with this process, and the required skills and equipment needed to perform this type of work, are different to any of the information contained in existing training package components.

It is proposed a new unit of competency and skill set be developed to enable companies to fully comply with the training requirements of AS/NZS 4233:2013.

#### **Key questions to consider....**

1. Do you support the development of new unit of competency and skill set for hydro excavation?
2. What are the skill and knowledge required for a person working in hydro excavation? How do they differ from existing training package components?
3. What are the recommended units to include should a new skill set for hydro excavation be developed?

### MSM Manufacturing Release 7.0 proposed unit mapping information

Code and title of current release (R6.0)	Code and title of proposed release (R7.0)	Summary of changes	Equivalence status*
MSMWJ201 Use high pressure water jetting equipment	MSMWJ20X Use high pressure water jetting equipment	Updates to unit and assessment requirements to clarify intent, ensure consistent interpretation and align to industry requirements. Range of conditions information relating to equipment relocated to strengthen knowledge evidence. Range of conditions information not relating to required evidence to be relocated to MSM Manufacturing Companion Volume. Minor editorial changes to meet training package standards	Equivalent
MSMWJ301 Operate a high pressure water jetting system	MSMWJ30X Operate a high pressure water jetting system	Updates to unit and assessment requirements to clarify intent, ensure consistent interpretation and align to industry requirements. 120 hours added to performance evidence due to increased safety requirements. Range of conditions information relating to equipment and equipment variables relocated to strengthen knowledge evidence. Range of conditions information not relating to required evidence to be relocated to MSM Manufacturing Companion Volume. Minor editorial changes to meet training package standards	Not Equivalent
MSMWJ302 Operate a drain cleaning system	MSMWJ30X Operate a drain cleaning system	Updates to unit and assessment requirements to clarify intent, ensure consistent interpretation and align to industry requirements. Range of conditions information relating to equipment and equipment variables relocated to strengthen knowledge evidence. Range of conditions information not relating to required evidence to be relocated to MSM Manufacturing Companion Volume. Minor editorial changes to meet training package standards	Equivalent
MSMWJ303 Operate a vacuum loading system	MSMWJ30X Operate a vacuum loading system	Updates to unit and assessment requirements to clarify intent, ensure consistent interpretation and align to industry requirements. Range of conditions information relating to equipment and equipment variables relocated to strengthen knowledge evidence. Range of conditions information not relating to required evidence to be relocated to MSM Manufacturing Companion Volume. Minor editorial changes to meet training package standards	Equivalent

\*equivalence to confirmed when unit content is finalised.

**MSM Manufacturing Release 7.0 proposed skill set mapping information**

Code and title of current release (R6.0)	Code and title of proposed release (R7.0)	Summary of changes	Equivalence status*
MSMSS00003 Use high pressure water jetting equipment	MSMSS0000X Use high pressure water jetting equipment	Minor editorial changes to meet training package standards	Equivalent
MSMSS00004 Operate a high pressure water jetting system	MSMSS0000X Operate a high pressure water jetting system	MEM09002B Interpret technical drawing removed. Minor editorial changes to meet training package standards	Not equivalent
MSMSS00005 Operate a drain cleaning system	MSMSS0000X Operate a drain cleaning system	MEM09002B Interpret technical drawing removed. Minor editorial changes to meet training package standards	Not equivalent
MSMSS00006 Operate a vacuum loading system.	MSMSS0000X Operate a vacuum loading system.	Minor editorial changes to meet training package standards	Equivalent

\* equivalence to be confirmed when unit content is finalised