

# INDUSTRIAL MAINTENANCE AND DRAIN CLEANING WITH SECA

## SECA Academy works and collaborates with Water Utilities, Authorities, Councils, Contractors and Plumbers

At SECA Academy, we pride ourselves on our strong collaborations with our Customers, offering a range of services tailored to meet the specific requirements of various roles throughout Australia.

Our comprehensive training programs and specialised services are designed to meet the unique needs of these sectors, ensuring that every participant gains the skills and knowledge required to excel in their roles.

Our courses are delivered in full compliance with the WSA 02 2014 Gravity Sewerage Code of Australia and AS4233.1 2013, ensuring safe operation and maintenance of high-pressure water jetting systems. They also follows SafeWork NSW guidelines for managing risks from high-pressure water jetting and working near underground assets.

With SECA playing a key role in providing industry-leading equipment and expertise, this course equips participants with the skills and knowledge to meet the highest industry standards for safety and compliance.

By working closely with these industries, we help set the standard for safety, efficiency, and excellence in the field.

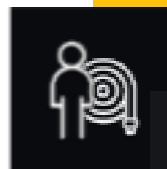


## KNOWLEDGE IS POWER WITH SECA ACADEMY

Allows those in the industry to stay at the forefront of the latest technology with ongoing support and training, both on and offsite. Ensuring clients are using the best tool for the job is a priority of our education program.



Experience a demonstration of equipment in action using SECA's indoor fully working pipe and drain system, with a safety-first process.



Enjoy peace of mind with our tried and tested quality guarantee, ensuring maximum productivity and minimal downtime by using products which work first time, every time.





# INDUSTRY-COMPLIANT TRAINING FOR SAFE AND EFFECTIVE INDUSTRIAL MAINTENANCE AND DRAIN CLEANING OPERATIONS

## LOCATIONS

SECA believes in building a bright and safe future, which is why we have established purpose-built testing and training demonstration facilities in three locations: New South Wales, Victoria, and Queensland. We can also arrange for Onsite Training at your Location.

These facilities serve as the hub of our certification and education programs, ensuring our customers across Australia receive top-notch training and hands-on experience whilst getting qualified.



### SYDNEY

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### BRISBANE

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Ph: 1800 028 584  
E: [training@seca.com.au](mailto:training@seca.com.au)



### MELBOURNE

44 Axis Crescent  
DANDENONG SOUTH  
Ph: 1800 028 584  
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**SECA ACADEMY  
CAN COME TO YOU!**

## ONSITE TRAINING

Get your team qualified quickly and efficiently with our Nationally Recognised Onsite Training Courses. We bring the training to you, providing flexible solutions tailored to your business needs. Our expert trainers ensure that your staff achieve their qualifications without the need to travel, minimising downtime and maximising productivity.

We can arrange CCTV and Drain Cleaning Courses onsite, ensuring your team achieves their qualifications without the need for travel. Our flexible training programs are designed to fit around your operations, but certain requirements must be met to ensure a successful and practical learning experience.

### Requirements

- Minimum of 5 students (Maximum 10)
- Access to your training room, practical area, and required PPE
- Drain Cleaning Course: For the practical exam, a B Class Jet system and a location with adequate drainage are required.
- CCTV Course: A CCTV camera unit and appropriate reporting software must be available for the practical exam.
- Training is conducted over consecutive weekdays only.

Onsite Training course fees include all associated trainer travel costs, making it a convenient and cost-effective solution for upskilling your team.

**Let us help you enhance your team's skills and keep your workforce fully compliant with industry standards.**

## PUMP CLASSES

### IMPORTANCE OF KNOWING YOUR PUMP CLASSES

**Understanding Pump Classifications: When selecting the appropriate high-pressure water jetting (HPWJ) course, understanding your pump classification is crucial.**

The classification of a pump, whether Class A or Class B, is based on the pump's pressure and flow (bar L/pm). This classification impacts the type of training required to operate the pump safely and effectively.

**Low-Pressure Pumps:** Pumps producing less than 800 bar L/pm are considered low-pressure. Training is generally not required unless there's a risk of injury.

**High-Pressure Pumps:** Pumps producing more than 800 bar L/pm fall under either Class A or Class B, both of which require specialised training.

### CLASS A TRAINING REQUIREMENTS

A Class "A" pump operates between 800 and 5600 bar L/pm. Due to the risks associated with higher-pressure pumps, Australian Standards mandate that operators must be appropriately trained and assessed for competency in Class A water jetting operations.

**Training includes:**

- Understanding system operations, potential dangers, and emergency actions.
- Learning proper water jetting application, setup, and barricading techniques.
- Using device and emergency stop controls effectively.
- Conducting hose and equipment inspections before starting operations.
- Proper use of personal protective equipment (PPE).

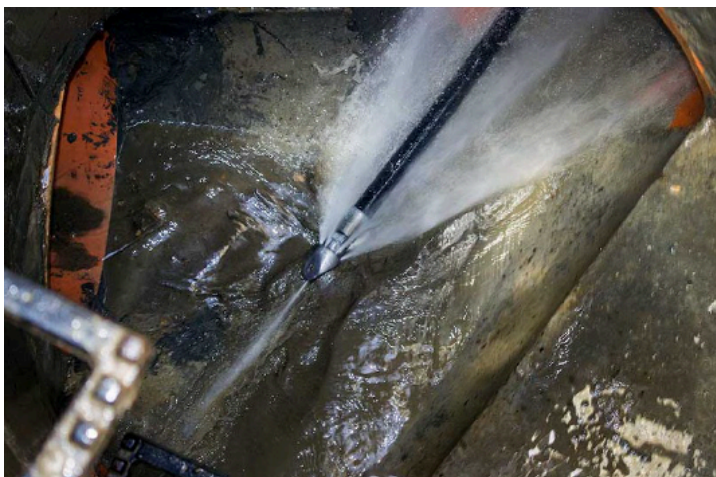


### CLASS B TRAINING REQUIREMENTS

Class "B" pumps operate at a minimum of 5600 bar L/pm. Because of the extreme pressures, Class B operators must undergo training delivered through a Registered Training Organisation (RTO) that complies with the high-pressure water jetting Units of Competency.

**Key Training Elements:**

- Competent trainers accredited by an RTO.
- Trainers must have relevant experience in high-pressure water jetting.
- Focus on operator competency and safety in extreme pressure environments.
- Ensure your safety and compliance by selecting the correct pump class and enrolling in the appropriate training course!





# DRAIN CLEANING

## MSMSS00019 – Operate a Drain Cleaning System

### Course Overview

The Operate a Drain Cleaning System certification provides specialised training for individuals seeking to work with Class B drain cleaning systems, focusing on sewer and stormwater operations. This course offers in-depth knowledge of equipment, safe work practices, relevant laws, and emergency response procedures essential for drain cleaning.



### Key Learning Areas

Participants will receive training in:

- **Class B Drain Cleaning Systems (Jetters):** Understanding the operation and functionality of high-pressure jetting equipment.
- **Safe Equipment Operation:** Techniques to operate equipment safely and efficiently, minimising risks.
- **Dangers of Drain Cleaning:** Identifying hazards associated with drain cleaning operations and how to avoid them.
- **Safe Work Practices:** Ensuring all operations are performed in compliance with safety regulations.
- **Work Permits and Legal Compliance:** Learning about the legal requirements and work permits for operating in public and private networks.
- **Emergency Response Practices:** Procedures to follow in the event of emergencies during drain cleaning operations.

### Certification Outcome

Upon completing the course, participants will be qualified to operate Class B drain cleaning machines. However, it is important to note that this certification does not substitute for a plumbing license, which may be required for certain drain cleaning operations. Participants should consult their local state authority regarding additional licensing requirements for public or private work.

### Compliance and Certification

Training is delivered in accordance with nationally recognised Units of Competency and complies with Australian Standards (AS4233.1 & AS4233.2 2013).

### Verification of Competency

To ensure ongoing skill proficiency, operators must complete verification of competency or refresher training every two years.

### Start Your Certification

Become a certified drain cleaning operator and master the skills necessary for safe, effective drain cleaning. Enrol today to advance your career!

# DRAIN CLEANING REFRESHER

## MSMWJ305 - Operate a Drain Cleaning System

### Keep Your Certification Compliant

Upon successful completion, participants will receive a refreshed Statement of Attainment for MSMWJ305 - Operate a Drain Cleaning System, ensuring compliance with Australian standards.

### Course Overview

The Drain Cleaning Refresher course is designed for certified drain cleaning operators who need to renew their competency in accordance with AS 4233.1-2013 High Pressure Water Jetting Systems, Section 7.4 on Refresher Training. This course provides participants with a thorough review of essential skills, knowledge, and safety practices required to operate a drain cleaning system, addressing any knowledge gaps or new industry standards since their last certification. The course is based on the unit of competency MSMWJ305 - Operate a Drain Cleaning System and ensures operators remain compliant with Australian industry regulations.



### Who Should Attend

Participants will receive training in:

- This course is suitable for experienced drain cleaning operators who:
- Have previously completed the MSMWJ305 unit or an equivalent qualification.
- Are required to undergo refresher training every two years as per industry standards.

### Certification Outcome

By the end of this course, participants will:

- Demonstrate up-to-date knowledge of operating drain cleaning systems.
- Identify and apply the latest safety practices and legislation.
- Complete a practical assessment that evaluates their ability to operate equipment safely and efficiently.
- Be re-certified as competent to continue working as a drain cleaning operator.

### Course Structure

- Gap Analysis: Identify areas that require refreshing, based on prior learning.
- Legislation & Standards Update: Review any changes in industry regulations, standards, or safe work practices.
- Practical Training: Focused on identified gaps and reinforcing essential operational techniques.
- Practical Assessment: Final assessment of skills and competency.

### Course Prerequisites

Evidence of prior training such as a Statement of Attainment or National Qualification in MSMWJ305 or an equivalent unit.

## WATER BLASTING

### MSMSS00017 – Use High-Pressure Water Jetting Equipment

#### Course Overview

This course is designed for individuals who operate high-pressure water jetting (HPWJ) equipment, such as guns or lances, across various applications. These applications include:

- Non-Destructive Digging (NDD)
- Cold Cutting
- Concrete Demolition
- Surface Preparation
- Plant Washdowns
- Lance Pipe Cleaning for Heat Exchangers

Whether you're new to HPWJ or seeking to expand your skills, this course provides comprehensive training that prepares participants to operate equipment safely and efficiently.

#### What You'll Learn

The course covers essential topics such as:

- **Types of HPWJ Equipment:** An introduction to the different types of water jetting tools and attachments.
- **Safe Operation:** Guidelines on operating high-pressure equipment, focusing on personal safety and efficiency.
- **Dangers of HPWJ:** Understanding the risks involved and how to mitigate them through safe practices.
- **Safe Work Practices:** Procedures for maintaining safety in high-risk environments.
- **Relevant Legislation and Permits:** An overview of the laws and permits associated with HPWJ operations.
- **Emergency Response Practices:** How to handle emergencies related to water jetting.

#### Outcome

Upon successful completion, participants will become qualified HPWJ Assistants, capable of handling high-pressure water jetting operations under supervision. They will have the knowledge to perform tasks efficiently and safely, adhering to national safety standards.

#### Compliance and Certification

Our training is in full compliance with the nationally recognised Units of Competency and adheres to Australian Standards (AS4233.1 & AS4233.2 2013).

#### Verification of Competency

To maintain ongoing safety and skills, operators must undergo verification of competency or refresher training every two years.





# WATER BLASTING

## MSMSS00018 – Operate a High-Pressure Water Jetting System

### Course Overview

This certification is designed for experienced personnel in high-pressure water jetting (HPWJ) who seek advanced knowledge and skills to manage water jetting operations. The course delves into the operation of high-pressure systems, pumps, engines, equipment maintenance, and safe practices necessary for overseeing a worksite and crew.

### Key Learning Areas

Participants will gain in-depth knowledge in:

- **HPWJ Systems and Equipment:** Understanding the operation and maintenance of pumps, engines, and other critical equipment.
- **Safe Equipment Operation:** Enhancing safe handling techniques to mitigate risks on-site.
- **Worksite Management:** Skills to efficiently organise and manage a HPWJ project, including crew supervision.
- **Safe Work Practices and Legal Compliance:** Ensuring adherence to safety protocols and understanding the laws governing high-pressure water jetting operations.
- **Work Permits and Compliance:** Learning how to organise work permits and maintain compliance with regulations.
- **Reading Plans and Drawings:** Ability to interpret worksite plans and schematics to execute water jetting projects accurately.
- **Emergency and Rescue Practices:** Advanced training on handling emergencies and rescue operations related to HPWJ.



### Certification Outcome

Upon completion, participants will be certified to supervise HPWJ projects and manage a crew of workers. They will have the knowledge to ensure safety, efficiency, and compliance on the worksite.

### Pre-requisites

To enrol in the MSMSS00018 certification, students must have:

- Successfully completed the MSMSS00017 skill set.
- Logged a minimum of 120 hours of supervised gun/lance work.

### Compliance and Certification

Our training complies with the nationally recognised Units of Competency and aligns with Australian Standards (AS4233.1 & AS4233.2 2013).

### Verification of Competency

Operators are required to undergo competency verification or refresher training every two years to ensure continued compliance and skill proficiency.

### Advance Your Career

Become a certified leader in HPWJ operations. Take the next step in your professional development by enrolling today!



## HPWJ REFRESHER

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