



Hydroblasting Induction Course

Duration: 1 day

Industrial Services Induction Course

Duration: 2 days

Hydroblasting Supervisors Course

Duration: 2 days

This one-day course, designed specifically for the hydroblasting industry by the Australasian High Pressure Water Jetting Association Inc. (AUSJET) is available for delivery by IFAP using AUSJET approved trainers. The course aims to provide participants, especially new entrants within the industry, with the basic skills and knowledge to operate high pressure water blasting equipment in a safe manner.

Key Subject Areas

- Legislation
- Consultative mechanisms
- Accident reporting procedures
- Methods for preventing or managing hazards
- Effects of hydroblasting on the environment
- Basic confined space procedures
- The operations of hydroblasting equipment

Expected Outcomes

- As a result of this course, participants should be able to:
- Outline and describe the requirements of legislation, specifically Duty of Care, in terms of safety and health;
- Outline the functions of, and differentiate between Safety and health Representative and Safety and Health Committees;
- Outline and describe accident reporting procedures;
- Outline and describe methods for preventing or managing hazards in the workplace;
- Outline and describe Safety Tag procedures;
- Describe the need for and use of personal protective equipment in the workplace;
- Outline and describe the effects of hydroblasting on the environment;
- Outline and describe symptoms of heat stress in the workplace and discuss suitable control measures;
- Outline and describe procedures for manual handling;
- State the requirements for safe chemical handling;
- Describe the use and meaning of safety and health signs;
- Outline and describe basic confined space procedures; and
- Outline and describe the operations of hydroblasting equipment.

The ISI course is our latest course, developed through a process of consultation with all our members and is reflective of industry needs.

Although it covers basic risk management its primary focus is a technical aspect of industrial services in the work place, this incorporates equipment and work practices for Hydroblasting and industrial vacuum loading. The duration of the course is two days, approximately 50% of this is practical experience and assessment.

The ISI course has no pre-requisites, however it assumes the participants will undergo company or site inductions prior to working as an industrial services operator. This course is a pre-requisite to the Hydroblasting Supervisors Course.

Key Subject Areas

Module 1

- Hazard Management
- Legislation
- General Duty of Care Legislation

Module 2

- Water Jetting Equipment
- High Pressure Hoses
- Inspection and Maintenance
- Nozzles
- Water Jet Reaction Forces
- Pipe Cleaning Equipment
- Reaction Force on the Nozzle Holder
- Safety Equipment, Starter Bars, Nozzle Catchers/Restraints, Anti Ejection Devices & Guides

Module 3

- High Pressure Water Working Practice
- Hazards
- Protective Clothing (PPE)
- Barrier & Barricading

Module 4

- Vacuum Loading Equipment
- Safety Awareness
- Vacuum Conveying Versus Air Flow Conveying
- Hazards Associated with Vacuum Loading

Expected Outcomes

The successful participants will gain an understanding of most types of Hydroblasting and vacuum loading equipment and the specific risks associated with them.

Participants will also be exposed to a variety of equipment and work processes that will increase their knowledge, productivity and effectiveness in the workplace.

Successful completion of the Course in Hydroblasting Induction or the Industrial Services Induction Course and six months experience in the industry, enables participants to enroll in the Course in Hydroblasting Supervisors, which is a two-day course designed to meet benchmark requirements within the high pressure water jetting industry for lead operators in a team environment.

Hydroblasting Supervisors Course, is designed to increase awareness of operators working within the hydroblasting industry (or those who have recently worked in the industry) of the possible risks linked to working with high pressure water jetting equipment

Key Subject Areas

- OSH for Supervisors
- Principles of Management Systems – Quality, Safety, Environment
- Safe Operation and Maintenance of Hydroblasting Equipment
- Effective Hydroblasting Work Practices
- Job Management Strategies

Expected Outcomes

The course provides participants with practical management processes which may be applied in any work environment.

Competencies expected to be demonstrated are those which enable safe operation of high pressure water jetting equipment as a lead operator in a team environment.

This course serves to establish minimum acceptable safety standards within this industry.

Upon successful course completion, participants will receive a;

Statement of Attainment for the Hydroblasting Induction Course

Upon successful course completion, participants will receive a;

Statement of Attainment for the Industrial Services Induction Course

Upon successful course completion, participants will receive a;

Statement of Attainment for the Hydroblasting Supervisors Course