

OPERATE SMALL PLANT & EQUIPMENT

“Master the Tools of the Trade—Operate Site Equipment Safely and Effectively.”

Schedule

Venue	Fees
In-House	ASK FOR THE QUOTATION

► **Available delivery methods:** In-House Training

Introduction

Operating small plant and powered equipment is a vital skill for construction, civil works, landscaping, and maintenance operations. This course equips participants with practical competencies in selecting, operating, inspecting, and maintaining a variety of small plant and portable powered tools. Participants will learn safe operating procedures, maintenance techniques, hazard controls, and equipment storage practices aligned with WHS guidelines.

Objectives

By the end of the training, participants will be able to:

- Identify types and functions of common small plant and portable equipment
- Conduct pre-start inspections and safety checks
- Operate a variety of powered tools safely and efficiently
- Manage site hazards and follow safe work methods
- Carry out routine maintenance and cleaning
- Store and secure equipment appropriately

Why Attend

Incorrect use or maintenance of portable plant can result in injury, damage, or costly delays. This course builds technical skill and safety awareness—improving productivity and reducing risks on the jobsite.

Target Audience

- Construction and civil workers
- Maintenance crews and utility workers
- Landscaping and grounds staff
- Site supervisors and apprentices
- Safety and training coordinators

Individual Benefits

- Enhance employability in multi-trade environments
- Improve hands-on experience with a range of tools
- Develop a safety-first mindset around portable equipment
- Gain certified competency recognized by employers

Organizational Benefits

- Reduce injuries, downtime, and equipment damage
- Ensure proper use of company assets
- Meet WHS training requirements
- Increase operational efficiency and team readiness

Instructional Methodology

- Trainer-led practical workshops
- Tool and equipment demonstrations
- Safe Work Method Statement (SWMS) implementation
- Supervised operation and maintenance tasks
- Theory instruction with hands-on reinforcement

Course Outline

5-DAY DETAILED COURSE OUTLINE (CUSTOMIZABLE)

Training Hours: 7:30 AM – 3:30 PM

Daily Format: 3–4 Learning Modules | Coffee Breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Introduction & Worksite Preparation

- Module 1:** Types of Small Plant & Portable Equipment (07:30 – 09:30)
- Module 2:** WHS Regulations, PPE, and Hazard Controls (09:45 – 11:15)
- Module 3:** Pre-Start Inspections and Checklists (11:30 – 01:00)
- Module 4:** SWMS Development and Site Safety Planning (02:00 – 03:30)

Day 2: Power Tools & Handheld Equipment

- Module 1:** Drills, Grinders, Saws – Safety & Use (07:30 – 09:30)
- Module 2:** Pneumatic and Hydraulic Tools – Setup and Operation (09:45 – 11:15)
- Module 3:** Fuel-Operated Hand Tools (e.g., Chainsaws, Blowers) (11:30 – 01:00)
- Module 4:** Practical – Tool Handling Workshop (02:00 – 03:30)

Day 3: Mobile and Static Plant Operation

- Module 1:** Concrete Mixers, Generators, and Pumps (07:30 – 09:30)
- Module 2:** Compactors and Vibrating Plates – Field Use (09:45 – 11:15)
- Module 3:** Cleaning, Transporting, and Storing Small Plant (11:30 – 01:00)
- Module 4:** Practical – Setup, Operate, Shut Down (02:00 – 03:30)

Day 4: Maintenance and Troubleshooting

- Module 1:** Routine Maintenance and Fault Checks (07:30 – 09:30)
- Module 2:** Basic Troubleshooting and Adjustments (09:45 – 11:15)
- Module 3:** Manufacturer Manuals and Safety Labels (11:30 – 01:00)
- Module 4:** Hands-On – Simulated Fault Detection (02:00 – 03:30)

Day 5: Emergency Response & Final Assessment

- Module 1:** Equipment Malfunction and Emergency Scenarios (07:30 – 09:30)
- Module 2:** Risk Mitigation and First Response (09:45 – 11:15)
- Module 3:** Practical Assessment – Operate & Maintain Tools (11:30 – 01:00)
- Module 4:** Written Assessment and Course Review (02:00 – 03:30)

Certification

Upon successful completion of practical and theoretical assessments, participants will receive a **Certificate of Competency - Operate Small Plant & Equipment**, meeting industry best practice standards.

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