



ACE Safety Academy Ltd – Scheme of Work

Module Code	Water Jetting Drains and Sewers	Course Duration	1 Day
Qualification Title	Safety – Water Jetting Drains and Sewers Module		

Aims and Objectives

The aim of this course is for delegates who have already completed the Safety Awareness course under the Water Jetting Association (WJA) Requirements – This course is based on the red Approved Code of Practice c/w practical application and assessments on the water jetting equipment. It is designed for new and experienced operators who may not have received the appropriate training but are experienced in the operation of site activates, this including Safety Officers, Managers & Supervisors who have duties and responsibilities for any aspect of drains and sewers cleaning with the use of water jetting equipment.

No Operative can attend this course without having completed the WJA Safety Awareness Course First

Day / Times	TOPIC [Including Key Skills / Basic Skills]	RESOURCES	COMMENTS
09.00am to 16.00pm	<p>Introduction – Names and Registrations of trainees, introduction of tutor and centre arrangements.</p> <p>Ice breaking exercise – What do you know about water jetting – History of water jetting and how the course will be run.</p> <p>Safety Awareness Review – Nozzles, Jets, Pump & Ancillaries, Pressure Controls, Hoses, Hazards, Water Jetting Injuries, PPE & Operational Procedures.</p> <p>Drain Cleaning Applications & Machines – Range of Applications & Types of Machines.</p> <p>Equipment – Drain & Sewer Cleaning Nozzles – Review nozzle principles, Fixed jet nozzles, Spinning nozzles, Rotating (Driven) nozzles and all ancillary equipment.</p>	Classroom, Projector and PowerPoint Presentation	<p>Working on the basis that the delegates have little or no experience in the use of high pressure water jetting equipment</p> <p>In the introduction try and gather this information by good directed questioning technique and throughout the day get the students to participate on all levels.</p> <p>Red WJA Approved Code of Practice issued to each delegate attending the course.</p> <p>Inspection requirements will be discussed on each of the modules covered throughout the course with the inclusion of the machines and ancillary products being affected by ICE/Frost.</p>

	<p>Hoses and Ancillaries – Hoses used for Drains and Sewer Cleaning, Hose damage and wear characteristics, Hose ancillaries and the hose flow capability in drain cleaning.</p> <p>Job Assessment & Planning – Group Exercise to put a risk assessment & safe system of work together to include – Assessment Prior to Starting the Work, Selection of Equipment and Manning Levels and the Job Method.</p> <p>Practical Training on how to set up a site with the use of barriers, cones, signing and the position of their jetting machines under instruction.</p> <p>Practical Tutor Identification of all machine components and their use, then delegate assessment thereafter.</p> <p>Drain Cleaning - Delegate Practical Exercises under assessment conditions for the initial preparation, site preparation and the drain cleaning operation.</p> <p>Course Examination / Results and Close</p>	<p>Use of PowerPoint Presentation based on a plan of a job, Flipchart & Paper</p>	<p>All delegates will have to be involved in the group exercise and demonstrate their understanding of what should be in place prior to commencement of the works.</p> <p>The assessment to each delegate will be by direct Question & Answering.</p>
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