

STONEAGE TRAINING

FOR INDUSTRIAL CLEANING PROFESSIONALS



BE THE SAFEST, BE THE BEST

StoneAge has a vision of creating training programs and facilities where we impart 40 years of technical and engineering expertise to operators, supervisors, asset owners and process engineers. Our goal is to help industry professionals become proficient and highly skilled.

Through training, we can bolster and grow the use of high-pressure water as a safe, environmentally friendly and effective method of cleaning across a wide range of industries.

TRAINING CAN BE CUSTOMIZED TO THE SPECIFIC NEEDS OF YOUR COMPANY AND DELIVERED ON SITE OR AT STONEAGE FACILITIES

Get more information and schedule training on our website:
www.stoneagetraining.com



COURSE OVERVIEW

WATERJETTING SAFETY

Basic jobsite safety when working with and around high-pressure systems

COURSE CONTENTS

Safety overview
General waterjetting concepts
Safety legislation
High pressure equipment overview
Pump overview, safety systems, filtration
Gun types and precautions, jetting gun nozzles
Introduction to waterjet forces
Reaction force, standoff distance, speed of travel, jet angles, pressure loss
Hose safety
Calibration of jetting nozzles/jets
Equipment best practices, what to avoid
Hot & cold weather operation considerations
Job site considerations
Personal Protective Equipment (PPE)
Barricades
Team composition
Safety checks
Code of signals
Waterjet injury prevention
Nature of the injury - how waterjet cuts differ from other injuries
Waterjet cut prevention checklist
Incident examples and corrective actions

HANDS-ON PRACTICAL

Enforce what's been learned with hands-on safety and equipment exercises with a practical assessment. Training will be enhanced by working and problem-solving in a team setting with fellow students.

“ The training we received from StoneAge helped our employees better understand how to apply critical thinking and to troubleshoot the process problems that sometimes happen in the field. I would certainly recommend this training for anyone working in the water blasting industry.

Ryan Newman
-Augusta Industrial Services

RECOMMENDED PRACTICES FOR WATERJET APPLICATIONS

Optimize cleaning applications and selecting the right equipment for the job

COURSE CONTENTS

Drain and Sewer Cleaning
Pipe Cleaning
Tube Cleaning
Tank and Vessel Cleaning
Surface Cleaning and Preparation
Hydrodemolition

WATERJETTING SCIENCE & TECHNIQUE

Deepen your understanding of the physics and technology behind high-pressure waterjet cleaning

COURSE CONTENTS

Understanding pressure for waterjetting
Material jettability
Optimizing waterjet power
Harnessing the power of the pump
Quality jetting: nozzle materials and design
Upstream conditions and jet impact
Managing pressure loss
Benefits of rotation
Fitting and hose identification

StoneAge is an accredited training provider for our industry partner Water Jetting Association (WJA) and can deliver WJA Safety training where applicable. StoneAge and our training partner, TCC - Training en Cursus Centrum, can provide the full spectrum of Stichting Industriële Reiniging (SIR) accredited training and certification. WaterJet Technology Association (WJTA) accreditation is coming with the projected launch of WJTA Hydroblaster Training in January 2020. As a Corporate member of WJTA, StoneAge will offer Hydroblaster Training when it becomes available.

