

STONEAGE TRAINING

For Industrial Cleaning Professionals

Increase
Safety
Productivity
Profitability

COURSE OFFERING



WWW.STONEAGETRAINING.COM



THE USE OF HIGH PRESSURE WATER FOR INDUSTRIAL CLEANING IS GROWING AROUND THE WORLD

Cleaning with water has many advantages compared to other methods, and risks can be mitigated with proper practices.

StoneAge Training is a comprehensive program built on forty years of engineering and industry experience. Our mission is to educate contractors and asset owners in the safe and efficient use of waterjetting tools and automated equipment.

We want every industrial cleaning professional to return home safely to their families every day.

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

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 AND 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

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.

TRAINING CAN BE TAILORED 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



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

StoneAge is an accredited training provider for the Water Jetting Association (WJA) and can deliver WJA safety training, where applicable.



CONTACT US TO BOOK

+1 (970) 259 2869

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