



**BLASTSHIELD
ACADEMY**

BLASTSHIELD ACADEMY

COURSE: EQUIPMENT AND ROBOTIC MAINTENANCE

Strengthen Your Team to Master Maintenance
and Elevate Equipment Performance.



COMPREHENSIVE TRAINING.

MAXIMIZE PERFORMANCE AND MINIMIZE DOWNTIME WITH EXPERT TRAINING DESIGNED FOR YOUR OPERATIONS.

KNOWLEDGE OF THE INDUSTRY

Gain a comprehensive understanding of abrasive blasting operations and maintenance practices to ensure your team can optimize performance and troubleshoot effectively. Our courses are led by seasoned experts who bring a wealth of experience and insights to help your team deliver exceptional results.

AT THE END OF THIS TRAINING, PARTICIPANTS WILL:

- ▶ Quickly recover from downtime
- ▶ Troubleshoot electrical systems (robotics and booth control) and mechanical components.
- ▶ Optimize systems to maximize equipment efficiency and personnel productivity.
- ▶ Understand preventative and predictive maintenance practices.

THE PACKAGE

BlastOne offers a cutting-edge training program designed to elevate your team's skills and knowledge. No prior training is required to enroll. This course provides everything needed to keep your equipment and processes running efficiently.

KEY OBJECTIVES:

- ▶ General understanding of abrasive blasting operations.
- ▶ A maintenance-focused perspective of the blast booth.
- ▶ Inspection and troubleshooting techniques for various booth components.
- ▶ Preventative maintenance strategies for electrical and mechanical systems.

HANDS-ON TRAINING

Your trainees will gain practical, hands-on experience with the latest equipment and systems. This approach ensures they can immediately apply their learning in real-world situations, making troubleshooting and maintenance second nature.

AGENDA HIGHLIGHTS:

- DAY 1:** Overview of blasting processes, theory, and reclaim system maintenance.
- DAY 2:** Blasting systems training, safety systems troubleshooting, and dust collector maintenance.
- DAY 3:** Advanced robotics systems training, preventative maintenance, and spare parts review.

ELEVATE YOUR TEAM'S SKILLS TO MAXIMIZE PERFORMANCE AND MINIMIZE DOWNTIME

3 DAYS. THAT'S ALL IT TAKES.

DAY 1 FOUNDATIONS, DAY 2 MASTERY,
AND DAY 3 ADVANCED SOLUTIONS.

FOUNDATIONS OF EXCELLENCE

INTRODUCTION TO BLASTONE

- ▶ Tour & Course Overview

3 HOURS

BLASTING OVERVIEW

Trainer: Vince Pezzott

- ▶ How to Optimize Blasting Processes
- ▶ How to Verify Blasting Performance
- ▶ Blasting Theory

4 HOURS

RECLAIM SYSTEMS MAINTENANCE

Trainer: James Longnecker

- ▶ Inspection & Troubleshooting of Underfloor Conveyors
- ▶ Inspection & Troubleshooting of Bucket Elevators
- ▶ Inspection & Troubleshooting of Hoppers

MASTERING BLASTING SYSTEMS

3 HOURS

BLASTING SYSTEMS

Trainers: James Longnecker & Jeff White

- ▶ Blast Hose & Nozzle Inspection
- ▶ Inspection & Troubleshooting Blast Pots
- ▶ Controls Overview, Alarms, and Controls Troubleshooting

1 HOUR

SAFETY SYSTEMS OVERVIEW

Trainers: James Longnecker & Jeff White

- ▶ Troubleshooting Safety Circuits
- ▶ Functional Review of Safety Components
- ▶ Deadman Troubleshooting

3 HOURS

DUST COLLECTOR SYSTEMS

Trainers: James Longnecker & Jeff White

- ▶ Inspection, Troubleshooting & Adjusting an Air Wash
- ▶ Inspection & Troubleshooting Dust Collectors

ADVANCED SYSTEMS & MAINTENANCE

5 HOURS

ROBOT SYSTEMS

Trainer: Jeff White

- ▶ Inspection & Troubleshooting
- ▶ Alarm Codes & Troubleshooting Steps to Clear
- ▶ Preventative Maintenance

1 HOUR

SPARE PARTS REVIEW

Trainer: Mark Kenimer

1 HOUR

COMMON PROBLEM AREAS

Trainers: James Longnecker & Jeff White

1 HOUR

Q&A SESSION

Trainers: James Longnecker, Jeff White & Vince Pezzott

BLASTSHIELD CERTIFIED.

HANDS-ON INDUSTRIAL BLASTING MAINTENANCE AND EQUIPMENT TRAINING TO PREVENT, PREDICT, AND PERFORM WITH EXCELLENCE.



SUPERIOR ABRASIVE. SUPERIOR EQUIPMENT. SUPERIOR KNOW-HOW.
SUPERIOR PERFORMANCE.

TRAINING CALENDER

TRAINING DATES ARE SUBJECT TO CHANGE. CONTACT US FOR ADDITIONAL DATES OR CUSTOMIZED TRAINING OPTIONS.

JAN	FEB BLAST BOOTH MAINTENANCE Trainers: James Longnecker, Jeff White & Vince Pezzott ▶ February 17 to 19	MARCH	APRIL BLAST BOOTH MAINTENANCE Trainers: James Longnecker, Jeff White & Vince Pezzott ▶ April 14 to 16
MAY	JUNE BLAST BOOTH MAINTENANCE Trainers: James Longnecker, Jeff White & Vince Pezzott ▶ June 19 to 11	JULY	AUGUST BLAST BOOTH MAINTENANCE Trainers: James Longnecker, Jeff White & Vince Pezzott ▶ August 11 to 13
SEPT	OCT BLAST BOOTH MAINTENANCE Trainers: James Longnecker, Jeff White & Vince Pezzott ▶ October 6 to 8	NOV	DEC BLAST BOOTH MAINTENANCE Trainers: Mark Kenimer, Jeff White & Vince Pezzott ▶ December 8 to 10



PRICING

\$1500 Per Participant

BOOK TODAY

Reserve your spot today—seating is limited to just 8 participants per class. Additional dates and customized training options are available to tailor a program that fits your needs!

Call 1 614 695 5854 or email BISTechServices@BlastOne.com



BLAST ONE

SUPERIOR PERFORMANCE