



# GRANT FUNDED MACHINE CONTROL TRAINING



## TRIMBLE, LEICA & TOPCON FOR PLANT OPERATORS

### YOU WILL LEARN:

- How to get the most out of your machine control systems
- Accuracies and Capabilities
- Troubleshooting
- Benefits of Machine Control
- Get Comfortable with the tech

MACHINE CONTROL  
TRAINING FEE **£240**<sup>+VAT</sup>

SHORT DURATION  
GRANT VALUE **£140**<sup>\*PP</sup>

\*CITB Registered Employers only

SCAN THE QR CODE  
FOR MORE INFO



SCAN ME



MONTHLY COURSES THROUGHOUT THE YEAR AT  
LOMOND COURT, STIRLING FK9 4TU | [WWW.SPOA.ORG.UK](http://WWW.SPOA.ORG.UK)



# MACHINE CONTROL TRAINING

## THIS COURSE IS AIMED MACHINE OPERATORS WHO ARE REQUIRED TO WORK WITH MACHINE CONTROL TECHNOLOGY

Delegates will use our Tensar simulator to learn the essential basic information required for switching between different displays, working with layers, taking measurements using the bucket or blade and carrying out fault-finding checks. The training is suitable for trainee or experienced machine operators.

### COURSE CONTENT | BY THE END OF THE COURSE, DELEGATES WILL BE ABLE TO:

- Use machine control for effective project implementation
- Work to surfaces and linework provided by others
- Understand and create offsets from design linework – horizontal, vertical and perpendicular
- Set avoidance zones
- Add/edit machine and bucket size into the machine calibration file
- Check and set units
- Turn layers and surfaces on and off
- Select the active surface
- Select a line and create a “steer to” ref
- Set the required intervals for automatic as-built survey points
- Select the reference point on the bucket
- Select different views on the display unit
- Use the visual guidance indicators on the display unit
- Measure and record as-built information
- Take measurements using the blade or bucket
- Effectively communicate the critical information to the Engineer
- Explain the difference between manual/indicate/automatic/intelligent
- List the capabilities and limitations of machine control
- Describe the health and safety risks and benefits of machine control
- Edit display colour
- Carry out position checks and set as required by engineer
- Name the file types compatible with machine control equipment
- Carry out fault finding checks.

This course is Tier 2 funded by CITB meaning registered businesses get **£140** back in short course grant.

The course is aimed at machine operators of all experience levels.



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