

# HIQuad Maintenance Course

The HIQuad maintenance course is a two day course designed to provide hands on practical troubleshooting experience for the HIQuad range of safety controllers. Students will build an understanding of the safety principles of HIQuad programmable electronic systems. It is expected that students have a basic understanding of general Programmable Logic Controllers and the programming languages they support (Function Block, Ladder Logic, Statement List).

## Topics covered include:

- HIMA Hardware and Software
- Functional Safety Overview
- Proof Testing
- ELOP II Software
- Communicating with the HIMA Programmable Electronic System (PES)
- HIQuad Safety Instrumented Systems
- ELOP II Online Test
- Loading and Reloading Code to the Programmable Electronic System (PES)
- Online Forcing
- Archiving and Restoring Projects
- HIMA System Diagnostic Maintenance
- Modbus Troubleshooting
- Change Management and Documentation Requirements



## WHO SHOULD ATTEND?

Persons who are responsible for maintaining plant and equipment protected by HIQuad controllers:

- Maintenance Electricians
- Maintenance Supervisors
- Instrument and Control Engineers
- Instrument Technicians

## COURSE DETAILS

### Date:

Perth | 1 - 2 September

Brisbane | 12 - 13 November

### Duration:

2 Days

### Cost:

\$1400 (excluding GST)

## CONTACT DETAILS

For further information or to register, contact HIMA:

Tel: (08) 9323 2100

Email: [training@hima.com.au](mailto:training@hima.com.au)

For a full list of our training courses, visit:

[www.hima.com.au](http://www.hima.com.au)