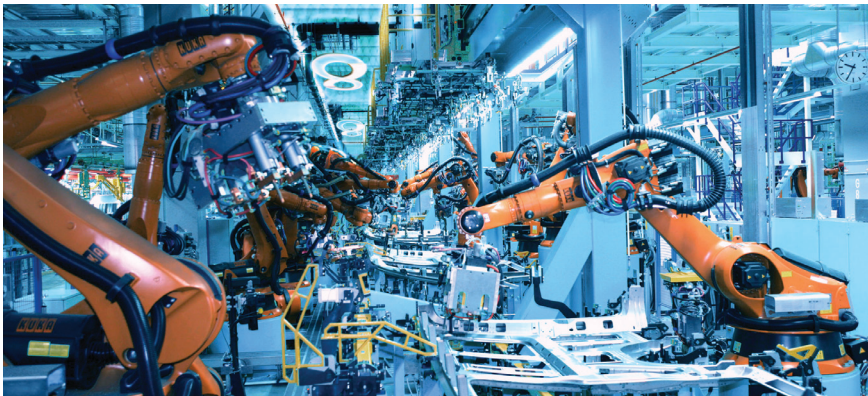


# Electronic Machine Guarding Course

For many years production workers have been the interface between raw materials, processing machines, and their products. Hazards existed on these machines which could be avoided using simple, static means. Progressively, machinery is being updated with advanced automation technologies. Production facilities have a need to protect personnel from the very fast and unforgiving machines they operate. Electrical functional safety systems are now at the forefront of machine safety.

Designers and maintainers of these complex electrical safety systems need to have a thorough understanding of legislation, guidelines, standards and available technologies relevant to their application. HIMA Australia recognises this need and have developed a Machine Safety Course focusing on the specific needs of safety control system designers.

Since 1970, HIMA has been at the forefront of electronic functional safety. HIMA's Machine Safety Course focuses on the specific needs of machine designers and provides relevant solutions and interactive exercises which students can adapt for use in their own unique situations.



## Topics covered include:

- The Law Regarding Machine Safety
- Risk Assessment Requirements
- Machine Safety Categories
- General Safety System Design and Category Schematics
- The Emergency Stop
- Guards and Interlocks
- Dealing with Unexpected Start Up
- Verification and Validation
- Using AS 62061 in Machine Safety
- What to Do When Machine and Process Safety Overlap

## WHO SHOULD ATTEND?

- Individuals designing, developing and maintaining machine functional safety systems
- Engineers and designers working in the field of machine safety
- Electrical technicians maintaining or modifying safety systems
- Importers and distributors of plant and machinery

## COURSE DETAILS

### Date:

Adelaide | 4 - 5 May 2011

### Duration:

2 Days

### Cost:

\$1400 (excluding GST)

## CONTACT DETAILS

For further information or to register, contact HIMA:

Phone: (08) 9323 2110

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)



SAFETY  
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