

AS 4024.1-2006 Safety of Machinery Training/Workshops 2012

“Great course, should have done it sooner”
*“Course leader had excellent knowledge,
very informative and enlightening”*

Supported by



20% early bird discount for all courses in 2012

Course Content:

Risk assessment and law - Understand what the current state law (and the new harmonised legislation) requires of you, how to conduct a meaningful risk assessment that will lead to minimisation of risk by correct design. Covers basic principles of AS 4024, AS 62061(SIL's), EN-ISO 13849 (PL's)

Safe Design - Understand how the risk assessment must lead to a design criteria for safety related parts of control systems and guarding, plus the key elements of validation. Cover the global requirements for guarding, interlocking of all types, unexpected start-up and emergency stop design. Learn when safe suspension of safety functions is not only OK, but vital, and how it's done. See how to achieve this with maximum productivity as a core value.

Ergonomics - Learn how to use the standard tables for correct guard design and positioning. Understand best practice for displays, control actuators, visual and audio signals and marking.



Frank Schrever: Principal Trainer.

“Participants learn to apply the critical requirements of the standard for legal compliance together with enhanced productivity. Specific exercises led by a key member of the AS 4024 committee consolidate the essential ‘safety by design’ principles”

Frank has been on the Australian Standards Committee for “Safety of Machinery” SF 041 reviewing AS 4024 and other machine-specific standards since 1999. Frank designed the first safe automation course at Swinburne University and guest lectures at other educational institutions. With a Bachelor of Applied Science from the University of Melbourne and a Cert IV in training and assessment, Frank has over 33 years of experience in instrumentation and automation. He established the Pilz subsidiary in Australia and after remaining as MD for 12 years, setup MSBD Pty Ltd to provide specialist training and consulting to the machine industry.



Ern Millard: Associate Consultant

Ern has chaired the Standards Australia Committee SF 41 responsible for Machinery Safety for the 23 years since it was established. He provides training services, advice and other technical support to MSBD and its clientele.

Learn how to:

Apply this vital standard to your workplace machinery, plant and equipment. Minimise risk by design without relying on human behaviour, as required by law.

Vital information for:

- Machinery designers and manufacturers
- OEM's
- Machinery importers and suppliers
- Electricians
- Technicians and operators
- OH&S professionals
- Managers and supervisors

About MSBD

Set up specifically to provide training and consulting for control of machine risks by design.

Our Principal trainer Mr. Frank Schrever and Associate Consultant Mr. Ern Millard are both acknowledged experts in the field of machine safety training.



Specialist Machine Safety Training and Consulting

MACHINE SAFETY BY DESIGN™ PTY LTD

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Machine Safety

BY DESIGN

Specialist Machine Safety Training and Consulting

AS 4024.1-2006 Safety of Machinery

Dates

In conjunction with and supported by the



2012 Full day workshops \$500 p/p +GST

Booking/payments received up to 3 weeks prior to course date receive 20% discount.

- Melbourne** (VIC) 2nd February
- Sydney** (NSW) 7th February
- Brisbane** (QLD) 9th February
- Perth** (WA) TBA
- Adelaide** (SA) 8th March
- Goulburn** (NSW) 27th March
- Griffith** (NSW) 28th March
- Melbourne** (VIC)  16th April
- Traralgon** (VIC) 27th June
- Gladstone** (QLD) 26th July
- Melbourne** (VIC) 2nd August
- Shepparton** (VIC) 14th November
- Geelong** (VIC) 21st November

IICA and AMTIL members receive additional 10% discount

Melbourne Workshop
16th April 2012
In conjunction with



Feedback on course and presenters:

- "Clear, concise and passionate presentation"*
- "Excellent presentation on a complex standard"*
- "Good humor from both very knowledgeable presenters..."*
- "A very good overview of the complete standard"*
- "Very informative and well presented by both presenters"*
- "Great practical knowledge"*
- "Excellent Presentation, very knowledgeable!"*
- "No Part of the day was wasted, very informative"*
- "Great course, should have done it sooner"*
- "Course leader had excellent knowledge, very informative and enlightening"*

In house training for your organisation can also be arranged with the presenters by contacting training@msbd.com.au with your details, preferred locations and dates.

Attendee Registration Form Fax to +61 3 97720133

IICA PO Box 856 Pakenham VIC 3810 Tel 03 9036 0166 or 1300 781 715 Fax 03 9772 0133
email: events@iica.org.au

Name-----
(First) (Last)

Company-----Position-----

Address-----

Postal-----

City-----Post Code-----State-----

Phone-----Fax-----

Email-----

IICA /AMTIL membership no-----

- Cheque (payable to IICA) Bank Transfer - NAB BSB 083004 account 04 885 8102
- Visa Mastercard American Express

Card No-----Expiry Date-----

Name:-----Signature-----

MSBD reserves the right to cancel the course with full refund if there are insufficient registrations and retain payment received if a registration is cancelled within 3 working days of the scheduled course date.