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SINGAPORE STANDARD

Code of practice for energy lockout and tagout

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The Working Group appointed by the Technical Committee on Workplace Safety and Health to assist in the preparation of this standard comprises the following experts who contributed in their *individual capacity*:

		Name
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The organisations in which the experts of the Working Group are involved are:

Association of Singapore Marine Industries
Brady Corporation Asia Pte Ltd
Energy Market Authority
Institution of Engineers, Singapore
Ministry of Manpower
Panduit Asia Pacific Pte Ltd
Singapore Contractors Association Limited
Singapore Chemical Industry Council
Singapore Institution of Safety Officers
Singapore Manufacturers' Federation

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Foreword

This Singapore Standard Code of Practice was prepared by a Working Group appointed by the Technical Committee on Workplace Safety and Health under the direction of the General Engineering and Safety Standards Committee.

The Code deals with the control of hazardous energy in the workplace situations where unexpected release of hazardous energy can occur. It provides detailed guidance on procedures, techniques and methods for energy lockout and tagout.

Management has the responsibility to implement alternative methods based on risk assessment and application of hierarchy of control for personnel protection against the release of hazardous energy.

The Code was first published in 2001. The revisions made were mainly to the definition of terms. The title was modified from "Lockout procedures" to "Energy lockout and tagout" to reflect the intent of hazardous energy control. Other changes include updating the Code to ensure relevance to local regulations and good practices. The Code also includes the following additional information:

1) A sample lockout and tagout audit form (Annex C);

2) Examples of common lockout and tagout applications (Annex D);

3) Examples of group lockout and tagout (Annex E).

In the preparation of this Code, reference was made to the following publications:

1) ANSI Z244.1 : 2003 (2008) Control of hazardous energy lockout/tagout and alternative methods

2) CSA Z460 : 2005 Control of hazardous energy – Lockout and other methods

3) OSHA Regulations (Standards-29 CFR-1910.147) – The control of hazardous energy (lockout/tagout)

Acknowledgement is made for the use of information from these publications.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. Enterprise Singapore shall not be held responsible for identifying any or all of such patent rights.

NOTE

1. *Singapore Standards (SSs) and Technical References (TRs) are reviewed periodically to keep abreast of technical changes, technological developments and industry practices. The changes are documented through the issue of either amendments or revisions.*

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3. *Compliance with a SS or TR does not exempt users from any legal obligations.*

Code of practice for energy lockout and tagout

1 Scope

This Code establishes the minimum safety requirements for the control of energy sources which could cause injury to persons. It applies, but is not limited to, activities such as erecting, installing, constructing, repairing, adjusting, inspecting, modifying, unjamming, setting up, troubleshooting, testing, cleaning, dismantling, servicing, and maintaining machines, equipment or processes.

2 Normative references

There are no normative references in this Code.