

Appendix E: Supplemental Information for Occupational Health & Safety

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I. Introduction: Occupational Health and Safety Management Systems

The purpose of an Occupational Health and Safety Management System is to identify, assess and control workplace hazards. To be effective, the following components are essential:

- Identification and assessment of health and safety hazards at the work site
- control measures to eliminate or reduce the hazards
- clearly-stated company policy and management commitment
- worker competency and training
- an inspection program
- emergency response planning
- incident investigation
- program administration

Examples of Health and Safety Management Systems

Examples of Occupational Health and Safety Management Systems and some examples of analysis of their effectiveness include:

Canada

- Canadian Standards Association (CSA): CSA Z1000 Occupational Health and Safety Management System Standard: <http://www.csa.ca/products/occupational/Default.asp?language=English>
- Industrial Accident Prevention Association (IAPA) - Management Systems, Occupational Health and Safety: The Road Ahead
<http://www.iapa.ca/pdf/OHS%20Management%20Systems%20The%20Road%20Ahead%20July%207%202004.pdf> or see free downloads at: http://www.iapa.ca/resources/resources_downloads.asp
- Institut de recherche Robert-Sauvé en santé et en sécurité du travail (IRSST) - Analysis of the Benefits and Costs of In-House Occupational Health and Safety: (Phase 1) Development of an Analysis Tool: http://www.irsst.qc.ca/en/projet_3024.html
- Institute for Work and Health (IWH) - The Effectiveness of Occupational Health and Safety Management Systems: A Systematic Review: <http://www.iwh.on.ca/products/ohsms.php>
- Government of Alberta: Partnerships in Health and Safety: Health and Safety Management System: www.worksafely.org

United States

- American National Standards Institute (ANSI): ANSI/AIHA Z10–2005 American National Standard - Occupational Health and Safety Management Systems:
http://webstore.ansi.org/ansidocstore/product.asp?sku=ANSI%2FAIHA+Z10%2D2005&source=front_page
- US Department of Health: Occupational Safety and Health Administration (OSHA) - Safety and Health Management Systems: <http://www.osha.gov/SLTC/etools/safetyhealth/index.html>

International:

- ILO-OSH 2001 guidelines for safety management systems – provides a unique international model, compatible with other management system standards and guides. It is not legally binding and not intended to replace national laws, regulations and accepted standards. The ILO guidelines encourage integrating OSH management systems with other management systems and state that OSH should be an integral part of business management.
www.ilo.org/public/english/protection/safework/managmnt/guide.htm
- Australian Safety and Compensation Council (ASCC) - Health and Safety Management Systems - An Analysis of System Types and Effectiveness:
<http://www.ascc.gov.au/ascc/HealthSafety/ManagingHealthSafety/OHSbestPractice/HealthSafetyResearchReport/>

Framework of Occupational Health Programs Based on Level of Prevention

