



Issue 30 (January 2015)

SPOTLIGHT

Have you seen our WSH Institute collection at the regional libraries?

From now till end of February 2015, selected titles from the WSH Institute collection are being displayed at the regional libraries in Jurong East, Woodlands and Tampines.

See the pictures below for the displays and their locations.

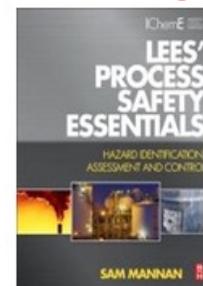
Recommended WSH Reading from the WSH Institute Collection* at the Public Libraries

70 e-Books are available for loan
Check it out [here](#).

View titles from the Singapore Workplace Safety and Health Institute Collection



Recommended Reading



TITLE:
Lees' Process Safety Essentials: Hazard Identification, Assessment and Control

AUTHOR:
Sam Mannan

AREA OF INTEREST:
Chemical Processes - Safety Measures

For more information, please click [here](#).

** The WSH Institute Collection is a compilation of WSH-related resources that is made accessible to the public through WSH Institute's collaboration with the National Library Board (NLB).*



Level 1 near main entrance,
Jurong Regional Library



Level 3 Adult Section,
Woodlands Regional Library



Level 1 near the borrowing stations, Tampines Regional Library

Do you have a WSH related book or reference that you wish to see in the WSH Institute collection? Please inform us at contact@wshi.gov.sg

1 The Australian Work Exposures Study (AWES): Lead and lead compounds

Date of publication: November 2014

The Australian Work Exposure Study (AWES), a national survey on 5023 randomly selected workers, investigated work-related exposures to 38 carcinogens, including lead, a probable carcinogen. About 6.6% of the Australian working population was estimated to have probable exposure to lead. The main tasks associated with probable exposures included soldering, preparing surfaces for painting of old structures, plumbing work, sifting through remains of a fire, radiator repair work, machining lead alloys, mining and welding leaded steel. This report highlighted the need to raise awareness and increase education efforts to make greater use of well-known and readily available controls to prevent exposures, including the use of safer lead-free alternatives at workplaces.



To read more, click [here](#).

2 Psychosocial risks in Europe: Prevalence and strategies for prevention



Date of publication: 2014

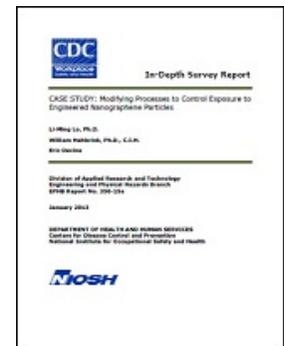
In Europe, 25 percent of workers experience work-related stress that affects their health. While psychosocial risks faced by the workers are of concern to organisations (with nearly 80 percent expressing concern about work-related stress and 20 percent on violence and harassment), less than one-third of these establishments have put in place procedures to deal with this risk. The study suggests that tackling hazards to psychosocial wellbeing should not be a one-time intervention, but a structured process that necessitates changes in the work environment, together with active involvement of the worker. This report covers the policies, interventions, initiatives and approaches taken by companies in Europe to tackle and prevent psychosocial risks.

To read more, click [here](#).

3 Case Study: Modifying Processes to Control Exposure to Engineered Nanographene Particles

Date of publication: January 2013

This report summarises how a nanomanufacturing plant which manufactures graphene platelets from nanoparticles reduced exposure levels to nanoparticles in the refining area during product harvesting, transfer of powder and other processes. Nanoparticle dust exposure levels were reduced by 97.5% during product harvesting through changing the work process, by allowing the product to rest 15 – 30 mins longer. Other control measures included improving the efficiency of the ventilation system.



To read more, click [here](#).

4 Prioritizing industries for occupational injury prevention and research in the Services sector in Washington State: 2002 - 2010



Date of publication: November 2014

The services sector comprises a diverse industry mix, with workers facing a variety of occupational hazards. In the study, the analysis was done on the Washington State's workers' compensation claims from the services sector from 2002 to 2010. From it, a "prevention index" (PI) covering the claim count and claim incidence rate was derived to rank 87 services sector industry groups by seven injury types: Work-Related Musculoskeletal Disorders (WMSDs); Fall to Lower Level; Fall on Same Level; Struck By/Against; Caught In/Under/Between; Motor Vehicle; and Overexertion. It was found that these seven injury types accounted for 84 percent of compensable claims in the State. The industry groups highest ranked by PI across the injury types included: Services to Buildings and Dwellings; Executive, Legislative, and Other General Government Support; and Waste Collection, while WMSDs had the highest compensable claim rates. The study concludes that the PI provides useful information to identify high-risk segment for prevention efforts.

To read more, click [here](#).

Other Useful Resources

- Working at heights: Roof restoration and maintenance (factsheet) ([Worksafe New Zealand](#))
- Ensuring full protection ([Occupational Health and Safety](#))

OWLlinks is brought to you by WSH Institute, Singapore that enables leaders and professionals to keep abreast of the latest WSH development and trends from around the world.

For enquiries or feedback, please email us at contact@wshi.gov.sg
Visit the [WSH Institute website](#) for updates on WSH-related matters, information and events.

Vision: A leading Institute for WSH knowledge and innovations.
Mission: Enhancing WSH through knowledge, innovations and solutions.

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