



ISO 45001:2018

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT

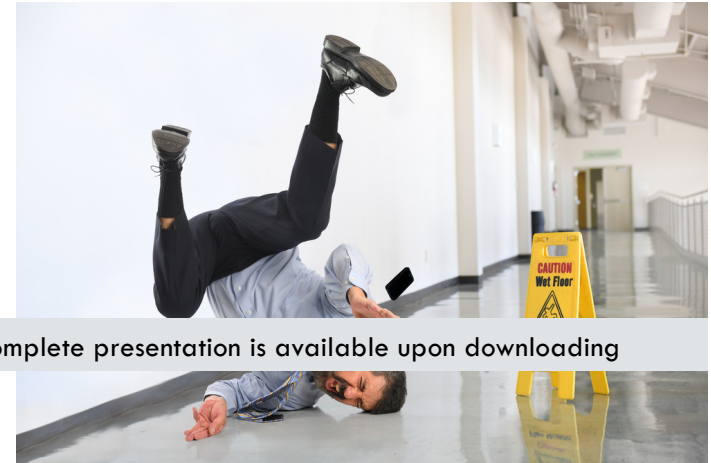
An Awareness Program

SLIPPERY SHOPFLOORS

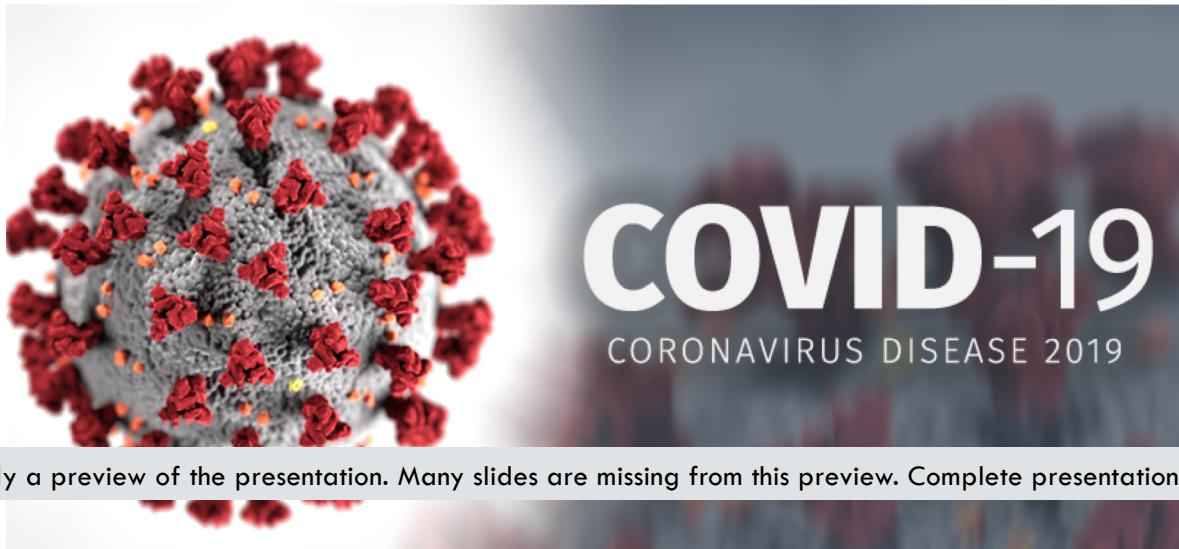
- There are currently more than 2.78 million deaths a year worldwide as a result of occupational accidents or work-related diseases*
- And 374 million non-fatal injuries and illnesses*
- An enormous impact on families and communities

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- The cost to business and economies is significant



*Source: International Labour Organization (ILO)



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AN OPPORTUNITY TO STRENGTHEN OH&S MANAGEMENT SYSTEM

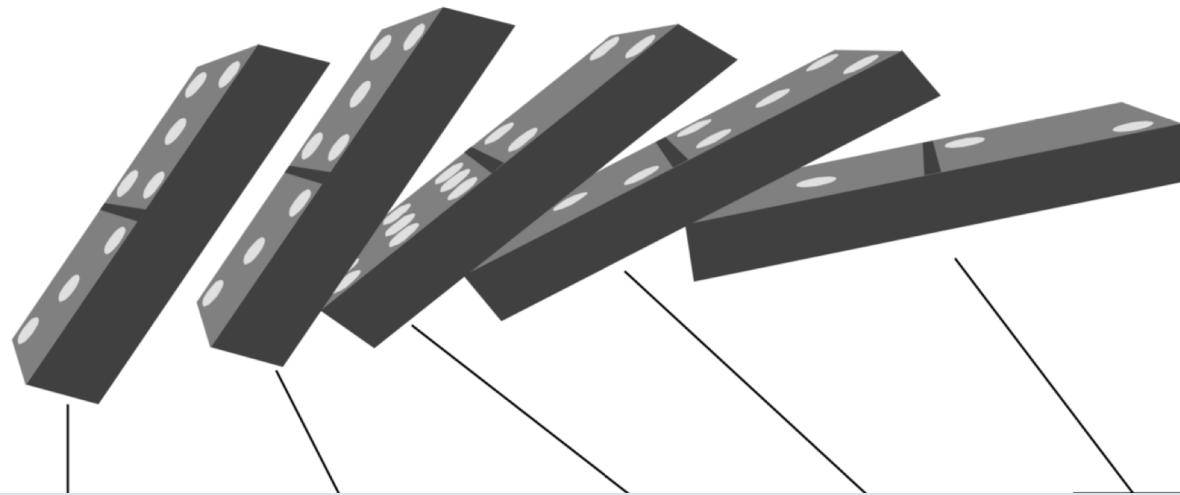
ACCIDENT COST ICEBERG

(per \$100.00 of Economic Activity)

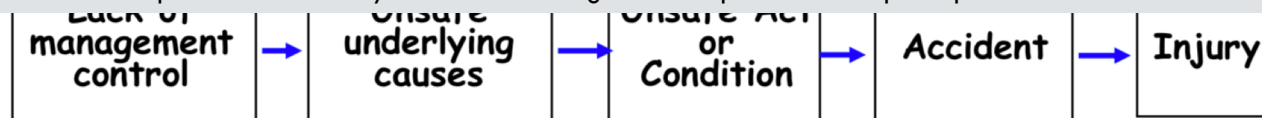


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Refined Domino Theory



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Equipment
provided
not fit for
purpose

Hole in
bucket

Rushing
Water
on floor

Slip

Bruised head or
concussion?

HEINRICH'S THEORY

Corrective Action Sequence

(Hierarchy of controls)
(The three "E"s)

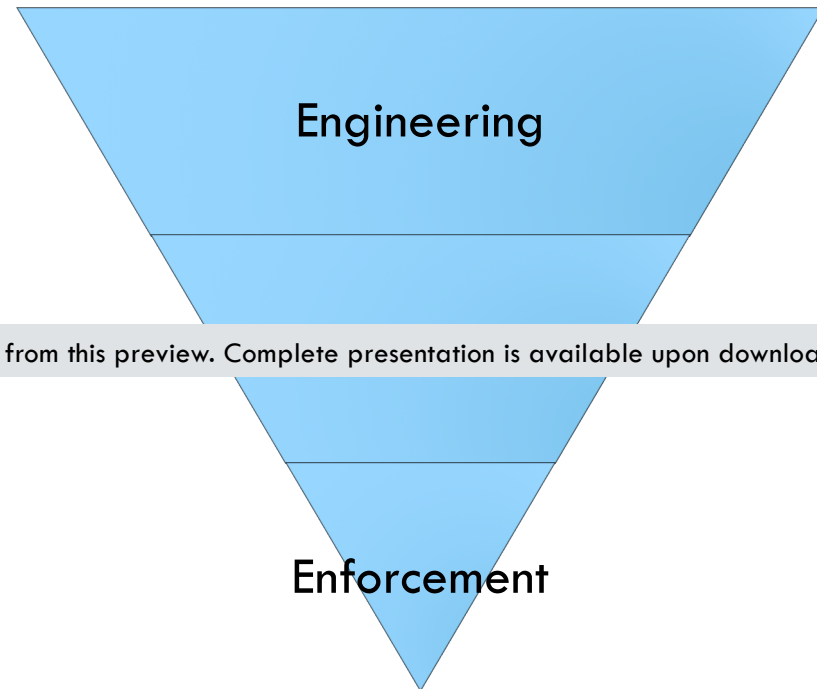
Actions on accident causes need to be

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Engineering controls – Priority 1

Education of people – Priority 2

Enforcement actions – Priority 3 (least preferred)





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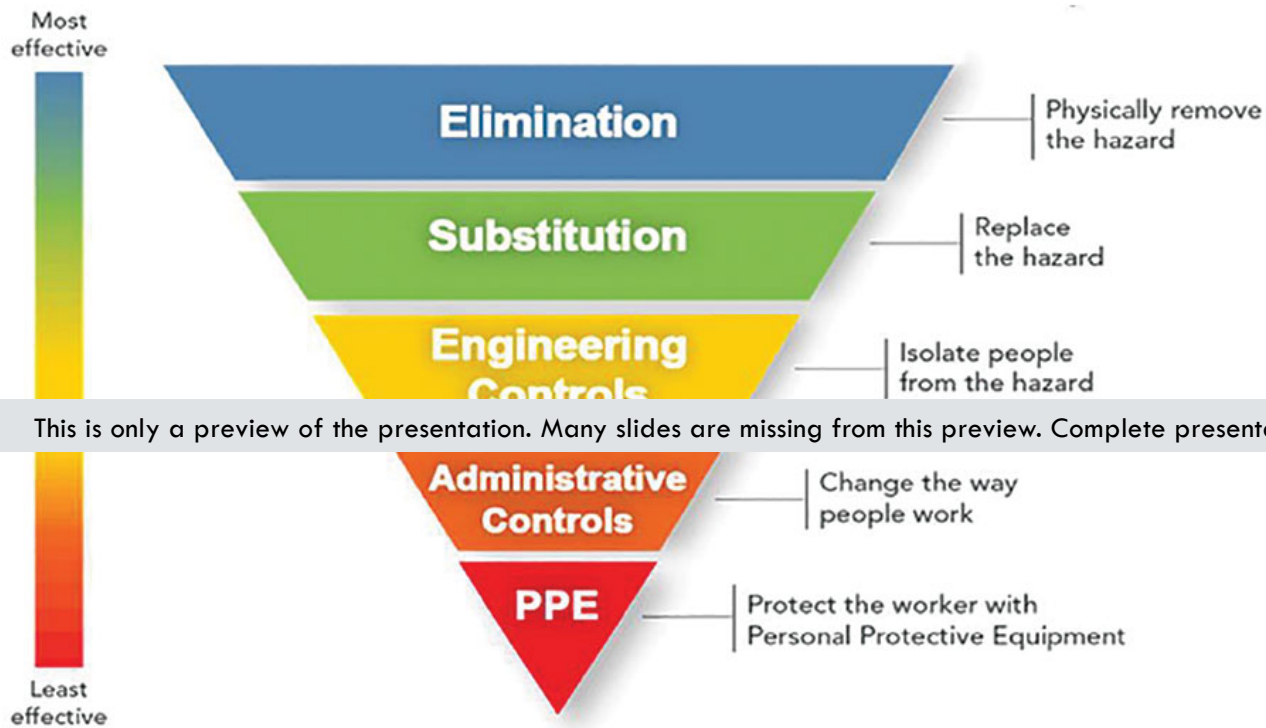
An International Standard

HISTORY OF OH&SMS STANDARD



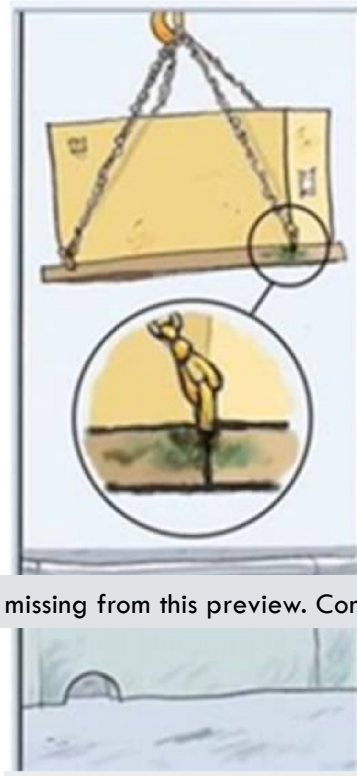
Standard	Type of document	Title	Version	Formulated by
OHSAS 18001:1999	Occupational Health & Safety Assessment Series	Occupational Health & Safety Management Systems - Specification	First Edition	Several cooperating organizations (OHSAS Project Group)
OHSAS	Occupational	Occupational Health &	2 nd Edition	-do-
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	Assessment Series	Systems - Requirements		
ISO 45001:2018	International Standard	Occupational Health & Safety Management Systems – Requirements with guidance for use	First Edition	ISO (International Organization for Standardization)

HIERARCHY OF RISK CONTROLS

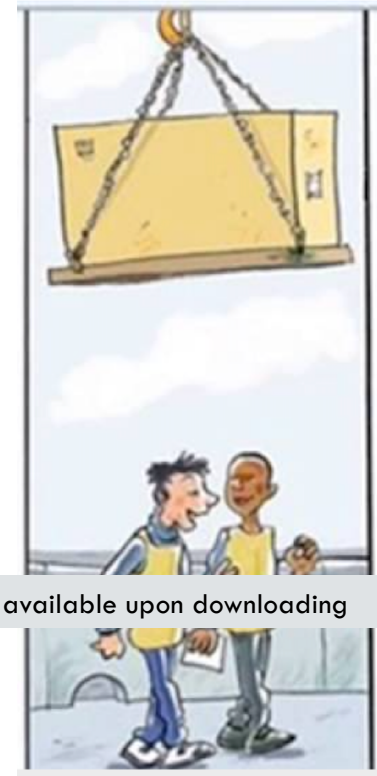


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IMPORTANT DISTINCTION



Unsafe Condition



Unsafe Act

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INCIDENT

➤ ISO Definition

- “**occurrence** arising out of, or in the course of, work that could or does result in *injury and ill health*”

➤ Notes

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- An incident where no injury and ill health occurs, but has the potential to do so, may be referred to as a “**near-miss**”, “near-hit” or “close call”

RISK

➤ ISO Definition

“Effect of uncertainty”

Notes:

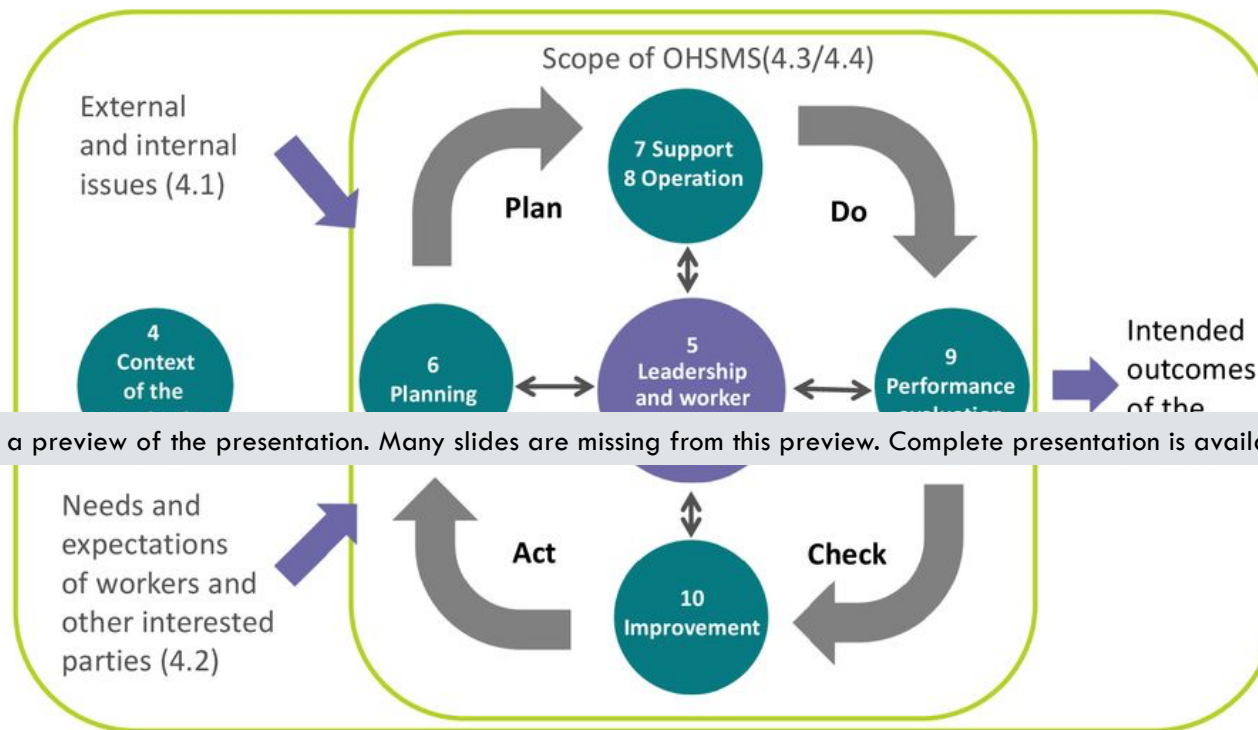
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- An effect is a deviation from the expected
- Risk is often expressed in terms of a combination of the “consequences” of an event and the associated “likelihood” of occurrence.



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System diagram



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Source: based on ISO 45001 Fig. 1

BENEFITS OF OH&S MANAGEMENT SYSTEM



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Increased protection
of the workforce



Enhanced
competitiveness



Reduced
organisational risk



Excellent market
reputation



Improved employee
motivation

THANK YOU!

For more courses on management systems, please contact:

QUALITY PROFESSIONALS GROUP

avinit.singh@gmail.com

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