

Introduction to Risk Categories

Risk Categories



Entanglement



Struck by Falling/Dropped Objects



Unpredicted Human Behaviour



Struck by object



Drowning



Struck by Mobile Equipment



Crushed between Objects



Hazardous manual tasks



Collision/Allision/Grounding-Vessels



Fall from Height



Uncontrolled Release of Energy



Environmental Impacts



Asphyxiation



Exposure to CBRN



Collapse or Sinking



Collision-Mobile Equipment



Exposure to Extreme Environment Conditions



Slip, trip or falls on same level

18
Risk
Categories

Risk Category



Entanglement



Drowning



**Collision/Allision
Grounding-Vessels**

Definition

Caught or trapped between moving parts of equipment or machinery

Respiratory impairment as a result of being in or under a liquid

When 2 or more vessels that are in motion collide with each other, strike a fixed object or run a ground

Example



Risk Category



Crushed between Objects



Collision-Mobile Equipment



Struck by Falling/Dropped Objects

Definition

Crush injury to any part of the body caught between one or more fixed or moving objects

Vehicle or mobile equipment collision with other vehicle, mobile equipment or stationary object

Struck or crushed by an object from above (free falling under own weight)

Example



Risk Category



Struck by Mobile Equipment



Fall from Height



Exposure to CBRN

Definition

Person struck by vehicle or mobile equipment

Person falling or dropping from a higher to lower level

Exposure to a chemical / biological / radioactive / nuclear material either by:
1) Ingestion
2) Inhalation
3) Absorption
4) Injection

Example



Risk Category



Uncontrolled Release of Energy



Collapse or Sinking



Slip, trip or falls on same level

Definition

Uncontrolled release of energy, inclusive of electrical, hydraulic, pneumatic, fire, explosion

Structural Failure/Collapse or Loss of Stability of Assets or the Environment

Person slips, trips or falls on same level (not from height)

Example



Risk Category



Struck by object



Hazardous manual tasks



Environmental Impacts

Definition

Person striking against or being struck by objects (excludes falling objects)

Tasks requiring a person to exert force including lifting, lowering, pushing, pulling or carrying an object considerate of task repetition and posture

Environmental impacts to land, air and water

Example



Risk Category



Exposure to Extreme Environment Conditions

Definition

Person working in uncomfortably hot, cold or extreme environment e.g. heat stress and cold stress

Example



Unpredicted Human Behaviour

Conscious, subconscious, voluntary or involuntary action resulting in a dangerous occurrence not attributable to other risk categories (this category also applies for intentional use of physical force or power, threatened or actual against oneself, another person or against a group or community)



Asphyxiation

Interruption of breathing through lack of oxygen



Thank you
