

Occupational Health

NS & OFFICES

Department:

Project Management

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Refer to Occupational Health

<i>Associated risk</i>	<i>Risk type</i>	<i>Cause(s) of the risk</i>	<i>Exposed group/employees</i>	<i>Risk Owner</i>	<i>Exposure patterns</i>
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A chance that injury , ill health or damage could occur as a result of uncontrolled hazard.	Safety or health	What causes the risk to come into effect?	Who is exposed to the hazard i.e. visitors, members of the public, etc.	Who is accountable for making sure the controls and monitors are: - in place, - implemented.	The frequency and duration the person/group is exposed to the hazard e.g. Daily for 3 hrs.
Poor ergonomics/defective chairs	Health	Prolong sitting on the chair/defective chairs/ Chairs that are poor design	Projects employees,visitors	Projects employees	8 Hours
Sharp edges of the paper	Safety	Handling of papers	Projects employees	Projects employees	Daily 3 hours

Glare	Health	working on the computer for a long time	Projects employees	Projects management	Daily 6 hours
Slips trips	Safety	Poor house keeping	Projects employees	Projects employees, visitors and contractors	1 hour
Unprotected sharp blade	Safety	cutting papers	Projects employees	Projects management	Once in 3 months

Pollution to environment	Safety	Disposal of office waste to a wrong place/bin	Projects employees	Projects management	daily for 3hrs
Burns, injury, fatality, smoke inhalation,		Fire, smoke	Employees;V isitors and Contractors	Projects management	daily for 8hrs
Water Burns		Inproper use	Projects employees	Projects management	daily for 8hrs

Inhalation of asbestos fibers		Incorrect PPE, lack of training Improper baricading and communication	Projects employees	Projects management	When asbestos stripping takes place
Falls, bumping into equipment, falling objects, slipping, falling into etc.	Safety	Poor house keeping, load not properly hooked not observing surrounding area and not applying Star principles	Projects employees	Projects management	As per work activities in specific areas
Injury, amputations	Safety	Discipline and not adhering to PSR principles	Projects employees	Projects management	As per work activities in specific areas

Struck by falling objects or equipment	Safety	Lack of experience, lack of communication, complacency,	Contractor and projects employees	All projects employees	As per job activities
Vehicle accidents	Safety	Lack of driving skills, Fatigue, Poor road conditions and potholes	Projects employees	Projects management	Travelling daily as per business requirements or home work home
Drowning	Safety	Lack of training, Incorrect PPE	Projects Employees and Contractors	Projects management	As per job activities

Fire, burn injuries, plant damage	Safety	No hot work permit / plan, lack of control, experience, not aware of the surrounding area hazards	Contractor and projects employees	Projects management	As per job activities
Misaligned/Open trench/gratings and sluiceway covers	Safety	Walking ,crossing over defective and worn out covers during Inspections and investigations	Projects employees,visitors and contractors	All employees	Weekly
Exposure to noise	Health	Machinery in service, mobile equipment, plant processes, plant defects	Projects employees,visitors and contractors	Projects management	Weekly

Falling objects from height/above	Safety	Snapping of hand tools/components unsecured load, incorrect lifting technique, wear and tear, overloading.	Projects employees, visitors and contractors	Projects management	Weekly
Slips trips and falls	Safety	Unattended defects, not enough space for storage, lack of supervision, inadequate waste bin, negligence	Projects employees, visitors and contractors	Projects management	Weekly
Inhalation of gas	Health	Exposure to fumes, burning rejects, spontaneous combustion, accidental release, explosion	Projects employees, visitors and contractors	Projects management	Weekly

Trips and falls, cut by incidents, property damage	Safety	contact with protruding material, Lack of space, wear and tear, aging, improper scaffolding erection, poor	Projects employees, visitors and contractors	Projects management	Weekly
Slips trips and falls	Safety	Slippery, defective, unguarded stairs no hand rail, failure to maintain three point contact, skipping the steps of the stair	Projects employees, visitors and contractors	Maintenance manager and GMR 2	Weekly
stuck in the lift, placing hand between the door and the lift	Safety	Defective lift, overloading,	Projects employees, visitors and contractors	Electrical maintenance manager and Schindler	Weekly

Exposure	Safety	Unattended defect, accidental release, wear tear defect	Projects employees, visitors and contractors	Maintenance Manager & Engineering	Weekly
Hit-by mobile equipment, overspeeding, interaction between people and the machine, bumping of plant components	Safety	Defective equipment, incompetency of operators, unauthorised use of the machinery, distractions	Projects employees, visitors and contractors	Rigging Department	Weekly
Exposure to radiation	Health	Poor barrication, and poor communication during Xrays, not adhering to Radiation Protection procedure	Projects employees, visitors and contractors	Safety Department	1 hour a day during outage

Exposure to poor illumination	Health	Defective lights,dirty light covers,insufficient lighting,excessive lighting,	Projects employees,visitors and contractors	Maintenace Manager & Engineering	Weekly
Inhalation,ingestion, absorption and dust deposits on eye protection and	Health	Wind, coal spills, PF leaks, too fine,coal grade belts, excavator, lashing, cleaning,dust coming into the	Projects employees,visitors and contractors	Coal Manager, Operating Manager and Projets Manager	Weekly
Conduct plant walk inspections, observations, investigations, surveys/monitoring,standing for too long,carrying heavy equipments	Health	Pushing, pulling, bending, sitting and awkward position during inspections/ch ecking, maintenance of	Projects employees,visitors and contractors	Projects management & Safety Department	1 hour

Asphyxiation, falls, inhalation of hazardous substances, dusts or biological agents	Safety	Insufficient oxygen and presence of hazardous substances, lack of training	Projects employees, visitors and contractors	Projects management	As per Technical Plan Projects
Lack of concentration/Inadequate rest period	Health	Call out, break down and plant issues	Projects employees, visitors and contractors	Projects management	One week in a month/ad hoc
Hijacking, driving at night	Safety	Unfavourable weather condition, driving at night	Projects employees, visitors and contractors	Projects management	Daily

