STRUCTURAL REPAIRS

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Review

Environmental Aspects and Impacts Register

Activities	Aspect	Consumption	Emission	Impact	Type	Likelihood	Significance	Controls	
Lighting	Use of light bulbs Use of energy	Electricity	CO2	Resource depletion Climate change Generation of greenhouse gases and contributes to Carbon Footprint	Normal	4	4	Switch off when not in use Low energy bulbs	Reduce CO2 to lowest pr level
Heating - Cooling	Use of energy	Electricity	CO2	Resource depletion Climate change Generation of greenhouse gases and contributes to Carbon Footprint	Normal	4	8	Switch off when not in use. Use of timers Large windows in the offices solar gain windows double glazed	Reduce CO2 to lowest pr level
IT Equipment	Use of energy Use of consumables (Ink & Toner)	Electricity	CO2	Resource depletion Climate change Generation of greenhouse gases and contributes to Carbon Footprint	Normal	4	4	Switch off when not in use, Recycling of consumables. Disposal in line with Legislation	Draw up a lo purchasing l
Welfare Toilet Hand Washing Fridge Water Boiler Water chiller	Use of energy Use of Water	Electricity, Water	CO2 Waste water through welfare	Resource depletion Climate change Generation of domestic wastewater through using toilets/basins, sinks	Normal	4	8	Environmentally friendly cleaning welfare products, Low energy appliances	Reduce CO2 to lowest pr levels

Environmental Aspects and Impacts Register

Activities	Aspect	Consumption	Emission	Impact	Type	Likelihood	Significance	Controls	
Transport Vehicle use	Use of fuel Use of oils Use of water	Diesel, Oil	CO2 Noise Dust Fumes	Resource depletion Air pollution Climate change Statutory noise nuisance	Normal	3	9	Car share in operation, Bike Stands, Use of Geographical Workers	Reduce CO2 to lowest prac levels, Reduc annual mileag
Building cleaning and maintenance	Use of energy Use of chemicals Use of water	Electricty,Water	CO2 Waste water effluent through cleaning	Resource depletion climat change Generation of effluent through waste water from cleaning	Normal	4	4	Environmentally friendly cleaning products	Reduce CO2 to lowest prac levels
Car Park and Yard drainage	Hard stand for cars loading/unloading of delivery wagons	N/A	Pollution to land or water course via drains	Generation of effluent through waste water from surface contaminants	Emergancy	2	6	Spill kits available and clean up procedure for any major spill or surface build up	
Waste (General)	Use of paper,glass, cardboard, plastic wastes, aluminum cans,food scraps, ink cartridges	Electricty,Water	CO2 Landfill	Resource depletion climate change, generation of greenhouse gases, and contribution to carbon footprint	Normal	5	10	Recycling of paper, cardboard, plastic, ink cartridges, aluminum cans etc	Reduce landfi collection by 5 the end of 20 increase recy all non-food w 100%

Environmental Aspects and Impacts Register

Activities	Aspect	Consumptio	Emission	Impact	Type	Likelihood	Significance	Controls	
Waste Packaging	Use of envelopes Use of paper Use of Cardboard	Electricty,Water	CO2 Landfill	Resource depletion climate change, generation of greenhouse gases, and contribution to carbon footprint	Normal	4	8	Re-use and recycling of paper cardboard,plastic ink cartridges plastic	Reduce lanc collection b the end of 2 increase rec all non-food 100%
Storage, use and disposal of substances hazardous to health	Use of chemicals and gas and solder	Hazardous waste	CO2, Landfill Hazardous waste	Resource depletion climate change, generation of greenhouse gases, and contribution to carbon footprint	Emergancy	1	4	Secure storage for small amounts of paint and chemicals and gas bottles, following recommended COSHH controls	Replace haz substances less harmful following O/ hierarchy of
Fire	Use of Energy Use of Chemicals Use of Water	Electricty,Water	CO2 + Pollution to air Pollution to land or watercourse vis drains	Resource depletion climate change, generation of greenhouse gases, and contribution to carbon footprint. Effluent and water pollution through water from fire suppression	Normal	2	10	Building compartmentation fire risk assessment Detectors and alarms PPM's Fire fighting equipment fire plan	Monitor anc fire prevent measures.

ENVIRONMENTAL ASSESSMENT METHODOLOGY

Environmental Risk Rating Matrix and Significance Test

Risk = Probability x Severity

RISK RATING (R)		HAZARD SEVERITY (S)			
Likelihood (L) x Severity (S)		1 **Negligible** Negligible harm to Environment	2 **Slight** Minor Environmental incident	3 **Moderate** Injury leading to a moderate environment incident	4 **High** Major incident (spill/ chemical release fish kill)
LIKELIHOOD OCCURRENCE (L)	**1. VERY UNLIKELY** - A freak combination of factors would be required to create incident	**LOW**	**LOW**	**LOW**	**LOW**
	2.UNLIKELY - A rare combination of factors would be required to create incident	**LOW**	**LOW**	**LOW**	**MEDIUM**
	3. POSSIBLE - Could happen when additional factors are present but therwise unlikely to occur	**LOW**	**LOW**	**MEDIUM**	**MEDIUM**
	4. LIKELY - Not certain to happen but an additional factor may result in an incident	**LOW**	**MEDIUM**	**MEDIUM**	**HIGH**
	5. VERY LIKELY - Almost inevitable that an incident would result	**MEDIUM**	**MEDIUM**	**HIGH**	**HIGH**

Score of 6 or less not to be significant within the EMS

Score of +6 to 12 significant within EMS - Monitoring and improvement required

Score of +12 very significant within EMS - Further urgent controls required

ent: SR - Form 001
e : May 2024
: November 2024

Objectives
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emission actical
ow energy Policy
emission actical

Objectives
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Objectives
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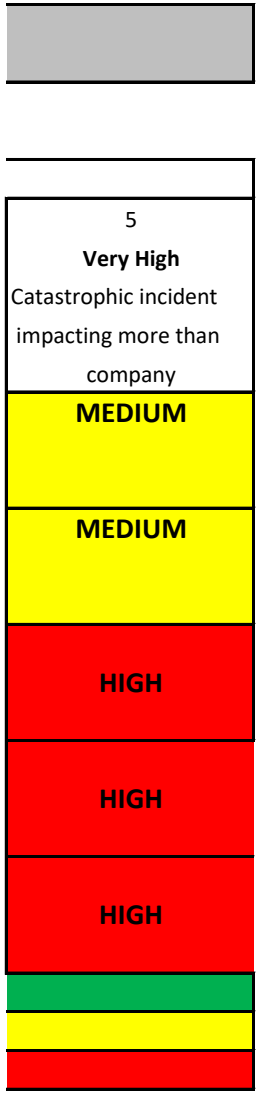
5
Very High
Catastrophic incident impacting more than company
MEDIUM
MEDIUM
HIGH
HIGH
HIGH