

# Aspects & Impacts Register

Ref. No.	Aspect (Cause)	Impact (Effect)	Aspect Category			Leg' Ref.No.	Control Measures	Situation Normal Abnormal Emergency	Legislation	Probability or Likelihood	Interested Parties	Environmental damage	Controls available	Rating	Lifecycle Assessment
			Resource Consumption	Waste Production	Pollutant Emissions										
102	Office heating / cooling / lighting (use of electricity)	Environmental impacts at point of generation. Consumption of natural resources and CO <sub>2</sub> generation.	✓		✓	-	Equipment training. Implementation of best available technology. Monitoring Procedure.	Normal	0	4	3	2	2	11	-
103	Use and maintenance of equipment, including heating systems etc.	Energy usage and atmospheric pollution. Generation of waste including redundant parts, fluorescent lamps etc.	✓	✓	✓	L02 L23	Plant maintenance program. Monitoring Procedure. Subcontractor selection procedure. Equipment training. Use licensed disposal agents.	Normal Abnormal	5	3	1	1	2	12	9
104	Travelling to and from yard or to client premises	Vehicle movements - depletion of finite resources (fuel usage) and CO <sub>2</sub> emissions.	✓		✓	-	Purchasing arrangements. Implementation of best available technology. Monitoring Procedure.	Normal	0	5	3	3	1	12	-
105	Delivery / supply of products and consumables to the office and yard	Vehicle movements - fuel usage and CO <sub>2</sub> emissions.	✓		✓	-	Purchasing arrangements.	Normal	0	4	2	3	1	10	-
106	Generation of waste within the office/ yard, including packaging	Potential landfill generation if not correctly segregated.		✓		L01	Training in segregation. Standard Operating Procedure 13. Subcontractor selection procedure.	Normal Abnormal	5	2	1	1	2	11	-
107	Collection and transfer of waste from the office and yard	Vehicle movements - fuel usage and CO <sub>2</sub> emissions.	✓		✓	L01	Standard Operating Procedure 13. Use licensed disposal agents. Purchasing arrangements.	Normal	5	1	2	1	2	11	-
108	Use of water	Environmental effect at point of provision.	✓			-	Plant maintenance program. Monitoring Procedure.	Normal	0	4	1	1	1	7	-
109	Effluent discharge	Use of foul water system and environmental effect at point of waste treatment.		✓	✓	L04	Equipment maintenance.	Normal	5	4	1	1	1	12	-

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110	Fire within the building or on the premises	Production of airborne, liquid and solid pollutants. Risk of harm to those within the office. Risk of damage to office facilities.	✓	✓	✓	L04 PPG	Fire Management Policy. Fire Risk Assessment.	Emergency	5	1	5	2	2	15	-
112	Consumption of electrical equipment	Creation of WEEE. Depletion of finite resources. Potential land contamination.	✓	✓		L22 L26 L30	Training in segregation. Standard Operating Procedure 13. Use licensed disposal agents. Purchasing arrangements.	Normal Abnormal	5	2	4	1	1	13	12
113	Use of paper	Depletion of renewable resources.	✓	✓		-	Use of recycled paper. Implementation of best available technology.	Normal	0	4	1	1	2	8	-
114	Use of office based consumables: furniture, stationery, tonners etc.	Depletion of finite resources.	✓	✓		-	Purchasing arrangements.	Normal	0	3	1	1	1	6	11
115	Use of chemicals and cleaning products including their containers	Depletion of finite resources. Potential landfill generation if not correctly segregated. Potential foul water and land contamination.	✓	✓	✓	L03 L04	Purchasing arrangements.	Normal Abnormal	5	3	1	1	1	11	-
117	Building alterations and refurbishments.	Depletion of natural resources. Potential landfill generation if not correctly segregated. Noise and light pollution.	✓	✓	✓	L01	Purchasing arrangements. Monitoring by Directors. Principle designer engagement.	Normal	5	1	3	2	1	12	14
118	Hazardous waste collection and delivery	Use of finite resource. Pollution of land and / or watercourses.	✓		✓	L05	Engagement of verified specialist services. Purchasing arrangements.	Normal	5	3	5	3	2	18	-



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			Resource Consumption	Waste Production	Pollutant Emissions										
119	General commercial wastes collection and delivery (non-hazardous)	Use of finite resource. Pollution of land and / or watercourses.	✓		✓	L05	Standard Operating Procedure CP8.	Normal	5	4	4	2	2	17	-
120	Use and consumption of Motor Vehicles (lifecycle)	Depletion of finite fuels. Use of natural resources (metals, plastic, glass etc). CO2 & NOx emissions.	✓	✓	✓	-	Vehicle maintenance program. Monitoring process. Purchasing arrangements.	Normal	0	5	4	2	2	13	12

Approved by: Nigel Garretty & Richard Collier      Last updated: 22/02/2024