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ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL ISSUES Y/N	RELEVANT EXTERNAL ISSUES Y/N	CONCERN OF INTERESTED PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
							LIKELIHOOD	SEVERITY	TOTAL SCORE	
Generation of dust	Air Pollution	N	Y	Y	Y	Y	2	2	4	OCP - 05
Generation of waste	Land Contamination/Water contamination/ Degradation of air quality	N	Y	Y	Y	Y	2	3	6	
Generation of noise	Noise pollution	N	Y	Y	Y	Y	4	3	12	OCP -06
Resource use-Raw materials	Depletion of natural resources	N	N	Y	Y	N	2	2	4	
Generation of heat	Damage to vegetation/ Global Warming	N	N	Y	Y	Y	2	2	4	
Change in shape & size of the land	Disturbance to sites of natural/heritage significance	N	N	Y	Y	N	2	3	6	OCP1
Deforestation	Global warming/Soil Erosion	N	N	Y	Y	N	2	3	6	
Usage of fossil fuel	Global warming/Depletion of natural resources	N	Y	Y	Y	Y	2	2	4	
Spillage of grease/lubricants	Land Contamination/Water contamination	N	Y	Y	Y	Y	2	2	4	
Consumption of energy	Depletion of natural resources	N	N	Y	Y	N	2	4	8	

OCP - OPERATIONAL CONTROL PROCEDURE
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EXCAVATION

ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL ISSUES	RELEVANT EXTERNAL ISSUES	CONCERN OF INTERESTED PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
				Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
Generation of dust	Air Pollution	N	N	Y	Y	y	2	4	8	OCP - 05
Generation of heat & vibration	Sound pollution / Damage to Eco System	N	Y	Y	Y	y	2	2	4	
Interrupt/modify drainage	Land Contamination / Depletion of under water resources	N	N	N	Y	N	2	2	4	
Generation of waste	Land Contamination/Water contamination/ Degradation of air quality	N	N	Y	Y	y	3	4	12	EMP1
Consumption of raw materials	Depletion of natural resources	N	N	Y	Y	y	2	3	6	
Change in shape & size of the land	Disturbance to sites of natural/heritage significance	N	N	N	Y	y	2	3	6	
Consumption of energy	Depletion of natural resources	N	N	Y	Y	y	2	3	6	
Generation of noise	Noise Pollution	N	N	Y	Y	y	2	2	4	
Consumption of fossil fuel	Depletion of natural resources	N	N	Y	Y	N	2	3	6	OCP - 04
Soil erosion	Damage to eco system	N	N	Y	Y	y	2	2	4	

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PILING

ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL ISSUES	RELEVANT EXTERNAL ISSUES	CONCERN OF INTERESTED PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
				Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
Generation of heat & vibration	Noise disturbance/Threat to nearby buildings & structures	N	Y	Y	Y	Y	2	2	4	
Consumption of energy	Depletion of natural resources	N	N	Y	Y	Y	2	3	6	OCP - 02
Consumption of fuel	Depletion of natural resources	N	N	Y	Y	Y	2	3	6	OCP - 04
Generation of waste	Land Contamination/Water contamination/ Degradation of air quality	N	N	Y	Y	Y	2	4	8	EMP01
Generation of dust	Air Pollution	N	N	Y	Y	Y	2	3	6	
Change in shape & size of the land	Disturbance to sites of natural/heritage significance	N	N	Y	Y	Y	2	2	4	
Generation of noise	Noise Pollution	N	N	Y	Y	Y	2	3	6	OCP - 06
Soil Compaction	Degradation of soil quality	N	N	Y	Y	Y	2	2	4	
Consumption of raw materials	Depletion of Natural Resources	N	N	Y	Y	Y	2	4	8	

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FORM WORK

ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL ISSUES	RELEVANT EXT. ISSUES	INTERESTED PARTIES CONCERN	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
							LIKELIHOOD	SEVEIRITY	TOTAL SCORE	
Generation of waste	Fire risk/ Land Contamination	N	N	Y	Y	Y	3	3	9	EMP - 01
Generation of noise	Noise pollution	N	Y	Y	Y	Y	2	2	4	
Generation of Dust	Degradation of air quality	N	Y	Y	Y	Y	2	3	6	OCP - 05
Consumption of raw materials	Depletion of natural resources	N	N	Y	Y	Y	2	2	4	
Usage of energy	Depletion of natural resources	N	N	Y	Y	Y	2	3	6	OCP - 02
Change in shape & size of natural wood	Disturbance to sites of natural/heritage significance	N	N	Y	Y	Y	2	2	4	

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	FUEL & OIL STORAGE									ISSUE NO.: 2.0
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ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL	RELEVANT EXTERNAL	CONCERN OF PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
				Y/N	Y/N		LIKELIHOOD	SEVEIRITY	TOTAL SCORE	
Spillage & leakage	Land Pollution	N	N	Y	Y	Y	2	3	6	OCP - 07
Releases to Water-Seepage to ground water	Water contamination	N	Y	Y	Y	Y	2	3	6	
Incidents-Fire potential	Heat Generation / Air Pollution	A	Y	Y	Y	Y	2	3	6	EPRP
Hazardous waste generation	Damage to vegetation / Land Pollution	N	N	Y	Y	Y	2	2	4	

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USAGE OF GENERATOR

ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL	RELEVANT EXTERNAL	CONCERN OF PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
				Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
Fuel Use	Depletion of natural resources	A	Y	Y	Y	Y	2	3	6	OCP - 04
Generation of heat	Generation of green house gases & contributes to carbon footprint	A	N	Y	Y	N	2	2	4	
Generation of noise	Noise Pollution	A	Y	Y	Y	Y	3	3	9	OCP06
Smoke Emission	Air Pollution	A	N	Y	Y	Y	2	2	4	
Spillage & leakage of fuel/oil	Fire risk / Land Contamination	A	N	Y	Y	Y	2	2	4	

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USAGE OF HOIST & MACHINERY

ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL	RELEVANT EXTERNAL	CONCERN OF PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
				ISSUES Y/N	ISSUES Y/N		Likelihood	Seveirity	TOTAL SCORE	
Generation of Noise	Noise Pollution	N	Y	Y	Y	Y	3	2	6	OCP - 06
Consumption of fossil fuel	Reduction of natural resources	N	N	Y	Y	N	2	3	6	OCP - 07
Smoke Emission	Air pollution	N	Y	Y	Y	Y	2	2	4	
Usage of energy	Depletion of Natural Resources	N	N	Y	Y	Y	2	3	6	OCP - 02
Generation of heat	Generation of green house gases & contributes to carbon footprint/Global warming	N	N	Y	Y	Y	2	2	4	
Spillage & leakage of fuel/oil	Fire risk / Land Contamination	N	N	Y	Y	N	2	2	4	
Generation of hazardous waste	Damage to vegetation / Land and Water Contamination	N	N	Y	Y	Y	3	3	9	EMP01

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SCAFFOLDING WORK

ASPECT	IMPACT	ACTIVITY	COMPLIANCE OBLIGATION	RELEVANT INTERNAL ISSUES	RELEVANT EXTERNAL ISSUES	CONCERN OF INTERESTED PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
		NORMAL – N ABNORMAL – A EMERGENCY – E		Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
				Y/N	Y/N					
				Y/N	Y/N					
Consumption of raw materials	Depletion of natural resources	N	N	Y	Y	N	2	2	4	
Generation of noise	Noise pollution	N	Y	Y	Y	Y	3	2	6	OCP - 06
Generation of waste	Damage to vegetation/Land & Water contamination	N	N	Y	Y	Y	3	3	9	EMP01

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STEEL FOR CONCRETE REINFORCEMENT

ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL ISSUES	RELEVANT EXTERNAL ISSUES	CONCERN OF INTERESTED PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
				Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
Usage of energy	Depletion of Natural Resources	N	N	Y	Y	N	2	3	6	OCP - 02
Usage of Materials	Depletion of Natural Resources	N	N	Y	Y	N	2	2	4	
Generation of Waste	Damage to vegetation/Land & Water contamination	N	N	Y	Y	Y	3	3	9	EMP01

OCP - OPERATIONAL CONTROL PROCEDURE

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CONCRETING

ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL ISSUES	RELEVANT EXTERNAL ISSUES	CONCERN OF INTERESTED PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
				Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
Dust Generation	Degradation of air quality	N	Y	Y	Y	Y	2	3	6	OCP - 05
Noise Generation	Noise Pollution	N	Y	Y	Y	Y	2	3	6	OCP - 06
Waste Generation	Damage to vegetation/Land & Water contamination	N	N	Y	Y	Y	3	4	12	EMP01
Consumption of fuel	Depletion of Natural Resources	N	N	Y	Y	Y	2	3	6	
Usage of energy	Depletion of Natural Resources	N	N	Y	Y	Y	2	4	8	OCP02
Usage of raw materials	Depletion of Natural Resources	N	N	Y	Y	N	2	2	4	
Usage of cement	Air Pollution	N	N	Y	Y	N	2	2	4	
Noise during deshuttering work	Noise Pollution	N	Y	Y	Y	Y	2	2	4	
Usage of water	Depletion of ground water table	N	Y	Y	Y	Y	3	3	9	EMP - 08

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MASONARY WORK

ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL ISSUES	RELEVANT EXTERNAL ISSUES	CONCERN OF INTERESTED PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
				Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
Resource use - Raw materials	Depletion/use of finite natural resources	N	N	Y	Y	Y	2	3	6	
Waste Generation	Damage to vegetation/Land & Water contamination	N	Y	Y	Y	Y	4	4	16	EMP01
Dust Generation	Degradation of air quality	N	Y	Y	Y	Y	2	2	4	
Usage of water	Depletion of ground water table	N	Y	Y	Y	Y	2	3	6	

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ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL ISSUES	RELEVANT EXTERNAL ISSUES	CONCERN OF INTERESTED PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
				Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
Energy use	Depletion of Natural Resources	N	Y	Y	Y	Y	2	3	6	OCP - 02
Consumption of materials	Depletion of natural resources	N	N	Y	Y	N	2	2	4	

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PLASTERING

ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL ISSUES	RELEVANT EXTERNAL ISSUES	CONCERN OF INTERESTED PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
				Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
Consumption of materials	Reduction of natural resources	N	N	Y	Y	Y	2	2	4	
Usage of cement	Air Pollution	N	N	Y	Y	Y	2	2	4	
Generation of waste	Damage to vegetation/Land & Water contamination	N	N	Y	Y	Y	3	2	6	EMP01
Soil & water contamination	Land & water pollution	N	N	Y	Y	Y	2	2	4	
Dust Generation	Degradation of air quality	N	N	Y	Y	Y	2	2	4	
Usage of water	Depletion of ground water table	N	Y	Y	Y	Y	2	3	6	OCP08

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PAINTING

ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL ISSUES	RELEVANT EXTERNAL ISSUES	CONCERN OF INTERESTED PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
				Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
Hazardous waste generation	Land and water contamination / Damage to Vegetation / Global Warming	N	Y	Y	Y	Y	2	2	4	
Air Emissions	Air Pollution	N	N	Y	Y	Y	2	2	4	
Resource use-Manufactured goods	Creation of hazardous/special waste	N	N	Y	Y	N	2	2	4	
Energy use	Depletion of Natural Resources	N	Y	Y	Y	Y	2	3	6	OCP - 02
Storage of paint	Fire Risk	N	Y	Y	Y	N	2	2	4	
Leakage of paint	Land/Water contamination	N	N	Y	Y	Y	2	2	4	

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ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL ISSUES	RELEVANT EXTERNAL ISSUES	CONCERN OF INTERESTED PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
				Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
Resource use-Raw materials	Reduction of natural resources	N	N	Y	Y	N	2	2	4	
Usage of energy	Depletion of Natural Resources	N	N	Y	Y	Y	2	2	4	
Noise generation	Noise Pollution	N	Y	Y	Y	Y	4	2	8	OCP - 06
Waste Generation	Damage to vegetation/Land & Water contamination	N	N	Y	Y	Y	3	2	6	EMP01
Dust Generation	Degradation of air quality	N	N	Y	Y	Y	2	2	4	
Generation of heat	Global Warming	N	Y	Y	Y	N	2	2	4	

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ALUMINIUM WORK

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				Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
Noise generation	Noise Pollution	N	N	Y	Y	Y	3	2	6	OCP - 06
Hazardous waste generation	Land and water contamination / Damage to Vegetation / Global Warming	N	N	Y	Y	Y	3	2	6	OCP - 01
Generation of heat	Global Warming	N	N	Y	Y	N	2	2	4	
Usage of energy	Depletion of Natural Resources	N	N	Y	Y	Y	2	2	4	
Resource use-Manufactured goods	Depletion of Natural Resources	N	N	Y	Y	N	2	2	4	
Dust Generation	Degradation of air quality	N	N	Y	Y	Y	2	2	4	

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ROLLING SHUTTERING WORKS

ASPECT	IMPACT	ACTIVITY NORMAL – N ABNORMAL – A EMERGENCY – E	COMPLIANCE OBLIGATION	RELEVANT INTERNAL ISSUES	RELEVANT EXTERNAL ISSUES	CONCERN OF INTERESTED PARTIES Y/N	RISK ASSESSMENT			MITIGATION PLAN EMP/OCP/EPRP
				Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
Usage of manufactured goods	Depletion of Natural Resources	N	N	Y	Y	N	2	2	4	
Generation of noise	Noise Pollution	N	Y	Y	Y	Y	2	2	4	
Usage of energy	Depletion of Natural Resources	N	N	Y	Y	Y	2	2	4	
Generation of waste	Land and water pollution	N	N	Y	Y	Y	2	2	4	
Generation of toxic gases/fumes during welding	Degradation of air quality	N	N	Y	Y	Y	2	2	4	

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GRILL WORK

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				Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
Generation of noise	Noise pollution	N	N	Y	Y	Y	3	2	6	OCP - 06
Generation of toxic gases/fumes during welding	Air pollution	N	N	Y	Y	N	2	2	4	
Usage of manufactured goods	Depletion of Natural Resources	N	N	Y	Y	N	2	2	4	
Usage of energy	Depletion of Natural Resources	N	N	Y	Y	Y	2	2	4	
Generation of waste	Land & Water Pollution	N	N	Y	Y	Y	2	3	6	EMP01

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FIRE FIGHTING WORK

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				Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
Waste Generation	Land & Water Pollution	N	N	Y	Y	Y	2	2	4	
Generation of noise	Noise pollution	N	N	Y	Y	Y	3	3	9	OCP - 06
Resource use-Manufactured goods	Depletion of Natural Resources	N	N	Y	Y	N	2	2	4	

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PLUMBING & SANITARY WORK

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				Y/N	Y/N		Likelihood	Seveirity	TOTAL SCORE	
Generation of waste	Damage to vegetation/Land & Water contamination	N	N	Y	Y	Y	3	2	6	
Resource use - Manufactured goods	Depletion of Natural Resources	N	N	Y	Y	N	2	2	4	
Generation of noise	Noise pollution	N	N	Y	Y	Y	2	2	4	
Usage of water	Depletion of Natural Resources	N	Y	Y	Y	Y	2	2	4	
Usage of energy	Depletion of Natural Resources	N	Y	Y	Y	Y	2	2	4	

OCP - OPERATIONAL CONTROL PROCEDURE

EMP - ENVIRONMENTAL MANAGEMENT PROGRAMME

EPRP - EMERGENCY PREPAREDNESS AND RESPONSE PLAN

ABC	ENVIRONMENT/	
Area/ Equipment	Risk	Root Cause
Employee hands, utensils, working tables, Inner surface of final tank, Inner surface of Pipe/hose through which oil flows for filling etc.	Presence of pathogens such as Coilforms, Staphylococcus, TPC leading to product contamination	Failure to clean adequately after use and not having established schedule for microbial SWAB testing
exterior of the equipment, equipment housing , etc	Presence of pathogens such as E.coli. Salmonella beyond the acceptance limit	Ineffective cleaning and not monitoring the presence of pathogens
Walls, Floor, Drains Phones, Doors	Presence of pathogens such as E.coli. Salmonella beyond the acceptance limit	Absence of scheduled cleaning and sanitation of the facility and its validation
Locker rooms Loading dock Waste bins Pallets	Presence of bacteria in the facility and product contamination through personal	Absence of scheduled cleaning and sanitation of the facility and its validation
Air (Finished product packing area)	Presence of airborne pathogens	From the facility/ employees

AL MONITORING- RISK ASSESSMENT FORM

Risk			Mitigation Plan	Mor
Likelihood	Severity	Risk Level		
2	4	Medium	Plant has been divided into 4 Zones based on criticality and based on the same the sampling being done	Sampling to be co SWAB tests to be schedule
2	2	Low		
2	2	Low	Schedule for cleaning and sanitation and effective verification of the facility	
2	2	Low		
2	3	Medium	Air swab to be conduted to acertain the level of mocribial agents inside the packing area.	Air swab to be do sch

ABC/RA/02
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Monitoring
Conducted and done as per
ne by QA as per the chedule

Environmental Monitoring Risk Assessment Criteria				
L I K E L I H O O D	5 NEAR CERTAINTY	L	M	H
	4 HIGHLY LIKELY	L	M	M
	3 LIKELY	L	L	M
	2 LOW LIKELIHOOD	L	L	L
	1 NOT LIKELY	L	L	L
		1 INSIGNIFICANT	2 MINOR	3 MODERATE
CONSEQUENCE				

RISK	ACTION PARAMETERS
High	[16 – 25] Significant risk of allergens cross contamination
Medium	[7 – 15] Significant potential for allergens cross contamination , however suitable controls and standards are in place
Low	[1 - 6] Minimum risk of cross contamination

Criteria	
H	H
H	H
M	H
M	M
L	M
4 MAJOR	5 SEVERE