

ENVIRONMENTAL ASPECTS ANALYSIS REPORT

Location: Unit 1 & Unit 2

Date: 19/03/20

Sr. #	Area / Department	Activity / Process	Aspect	Category	Risk Assessment				Control Measures	Applied Controls	Residual Risk				Significance
					O	D	C	R			O	D	C	R	
1	Admin	Construction	Dust	Air emissions	3	0	4	12	a) Make material wet where possible while handling b) Use Mask to avoid dust exposure	a) & b) Done	2	0	3	6	low
2			Noise	Noise	2	0	4	8	Use ear plugs / ear muffs	Done	2	0	2	4	low
3	Admin	Cleaning of outside mirror	Dust	Air emissions	3	0	4	12	Use Mask to avoid dust exposure	Done	2	0	3	6	low
4	Admin	Paint & white wash	Vapors	Air emissions	4	1	4	20	a) keep material covered b) Use Mask to avoid vapors exposure	a) & b) Done	4	1	2	12	low
5			Chemical spillage/Contamination	Release to land	2	0	6	12	a) Use spill tray for liquid handling b) Use spill kit to control spilled material c) Make sure liquid handling container is fit for use.	a) to c) Done	1	0	4	4	low
6	EMD	Welding & grinding	Fumes	Air emissions	4	0	4	16	Use Mask to avoid vapors exposure	Done	4	0	2	8	low
7			Heat	Heat	3	0	2	6	Isolate the area by welding hut or other means to protect surroundings from heat.	Done	3	0	2	6	low

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8	EMD	Welding & grinding	Noise	Noise	4	0	6	24	Use ear plugs / ear muffs	Done	4	0	4	16	low
9	EMD	Machine or heavy object transfer	Smoke of crane/fork lifter	Air emissions	4	0	4	16	a) keep crane or fork lifter engine maintained b) Do prior inspection of crane or fork lifter c) Prefer battery operated fork lifter to use.	a) & b) Done	2	0	2	4	low
10	EMD	Cleaning of smoke/heat detectors & ceiling	Dust	Air emissions	2	0	2	4	Use Mask to avoid dust exposure	Done	2	0	2	4	low
11	Store	Material shifting on huge scale	Dust and smoke	Air emissions	3	0	4	12	a) cover or pack material properly while shifting b) Wear mask to avoid smoke & dust. c) keep fork lifter engine maintained d) Do prior inspection of fork lifter e) Prefer battery operated fork lifter to use.	a) to d) Done	2	0	4	8	low

Prepared By: _____

Reviewed By: _____

Approved By: _____