

SAR-PC-32

Environmental Monitoring/ Occupational Monitoring Proforma



Vapour Trigger Values Off site receptors Stop Work at _____ ppm (5 min TWA) at site boundary On site receptors RPE Criteria _____ ppm (15 min TWA) at treatment area Stop Work at _____ ppm (15 min TWA) at treatment area when RPE worn Odour limit and action values: Action level: Intensity 3 Extent 3 Stop work Criteria: Intensity 4 Extent 4	Dust action/limit value General Dust Exposure Action Limit Values: _____ µg/m3 (PM10 15 min TWA) Noise exposure limit values and action values Action Level: 80 dB(A) (5 min average) when ear protection worn Stop work Criteria 85 dB(A) (5 min average) Off site receptors >5 dB background values background value for site: _____ dB
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Site:												Monitoring Equipment Pre-Checks Completed		DustMateY - N - N/A			
Date:												Noise MeterY - N - N/A		PIDY - N - N/A			
Round Number:		Weather:															
PID Calibration		Wind Direction:															
Passed:		Y/N		VOC		NOISE		DUST						ODOUR			
Location	Time	Average over 5 mins (ppm)	Peak over 5 mins (ppm)	Average over 5 mins (dBA)	Peak over 5 mins (dBA)	TSP (µg/m3)		PM10 (µg/m³)		PM2.5 (µg/m³)		PM1 (µg/m³)		Intensity 1-5	Extent 1-5	Comments (Action required?/ Action taken)	
						5 mins	15 mins	5 mins	15 mins	5 mins	15 mins	5 mins	15 mins				see below
IMPORTANT: if TRIGGER VALUES are exceeded SITE supervisor and site team should be notified immediately and controls reviewed.																	
Use below to record occupational health monitoring readings in active work areas. i.e. Remediation technologies Processes at excavation/ drilling location (Voc's and noise), within/around WTS/BP systems & adjacent to pumps BH and dewatering locations (noise , VOC's), Consideration should be given to use of Datalogging PID for work shift exposure monitoring and use of PErsonal PID etc for workers undertaking tasks where exposure is occurring.																	

Odour Monitoring Criteria

Intensity

- 1 No detectable odour
- 2 Faint odour (barely detectable, need to stand still and inhale facing into the wind)
- 3 Moderate odour (odour easily detected while walking & breathing normally, possibly offensive)
- 4 Strong odour (bearable, but offensive odour)
- 5 Very strong odour (very offensive, possibly causing nausea)

Extent (assuming odour detectable, if not then 0)

- 1 Local & transient (only during brief periods when wind drops or blows)
- 2 Transient as above, but detected away from installation boundary
- 3 Persistent, but fairly localised
- 4 Persistent and pervasive up to 50m from plant or installation boundary
- 5 Persistent and widespread (odour detected >50 m from installation boundary)

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