

CR027: Noise Monitoring Form

Environmental Management System: Revision 0.02 Date: 23.03.18



Monitoring noise with respect to the Control of Noise at Work Regulations 2005 should be done as often as required to ensure that dangerous noise levels are not breached. Monitoring should certainly be undertaken regularly during the commissioning of the project, and then when operations/situations change.

A new form should be used for each monitoring period so that weather and equipment details can be documented

Site Address:	Action Limit Values:
MTL No:	Lower Action Values (PPE) 80 dB (A) and 135 (C)
	Upper Action Values (Action Plan) 85 dB (A) and 137 (C)
	Exposure Limit (Plant Shutdown) 87 dB (A) and 140 (C)

Weather details	Equipment details
Weather:	Instrument Used:
Wind Speed:	Calibration Details:
Wind Direction:	

Monitoring results

Date	Time	Monitoring Location	T (mins)	Average Level (dBa)	Peak (dBa)	Action taken/Comments

Actions Taken

Completed By:	Signed:
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NOTES: Where an initial noise assessment reveals a significant noise problem the visiting Safety Adviser must be notified so that a full assessment can be arranged to evaluate the noise controls being applied.

RULE OF THUMB: if someone has to shout in order to be heard over a distance of two meters, a noise assessment will be required.

CR030: VOC Monitoring

Environmental Management System: Revision 0.02 Date: 01.06.18



Site Address:	Trigger Level Values	
	(Total VOCs)	ppm
MTL No:	(Total VOCs)	ppm
	Action Level	
	Action Limit	

Weather details	Equipment details
Weather:	Instrument Used:
Wind Speed/ Wind Direction:	Calibration Details:
Current Activities:	

Monitoring Results

Date	Time	Monitoring Location	Average VOC (ppm)	Peak VOC (ppm)	Action taken/Comments

Action Taken

Completed By:	Signed:
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Trigger Values

NB: The level values will be agreed within the MTLs and from Occupational Exposure Limit guide (EH40) Ring Environment Manager for more details if req.

ACTION LEVEL The level at which VOC/Odour Management Plan needs to be implemented. This may involve distribution of PPE, changing any air scrubbers (e.g. GAC, deodorising spray), Increase abatement etc. VOC/Odour Management plan should be discussed with the UK REMEDIATION Project Manager.

ACTION LIMIT If VOCs reach this action level all operations must shut down and area evacuated until levels reduce to below this level. The cause of the increased level should be investigated, and a solution devised with the PM. EA should also be advised of the incident.

PPM Parts Per Million

TWA Time Weighted Average - The duration of monitoring period by which levels are averaged. NB: This will be variable for different projects and should be agreed within the MTL.

CR031: Odour Monitoring

Environmental Management System: Revision 0.02 Date: 01.06.18



Site Address:	Action Level Values	
	Action Level (Intensity)	4
MTL No:	Action Limit with PPE (Intensity)	6

Weather details

Weather:	Temperature:
Wind Speed/ Wind Direction:	

Monitoring Results

Date	Time	Monitoring Location	Odour Intensity	Constant or Intermittent?	Description of Odour	Hedonic Tone	Comments
Action Taken							

Completed By:	Signed:
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Intensity:	Hedonic Tone:	Receptor sensitivity where odour detected
0 No odour	+4 Very Pleasant	Low (e.g footpath, road)
1 Very faint odour	+3 Pleasant	Medium (e.g. industrial or commercial workplaces)
2 Faint odour	+2 Moderately Pleasant	High (e.g. housing, pub/hotel etc)
3 Distinct odour	+1 Mildly Pleasant	
4 Strong odour	0 Neutral Odour / No Odour	
5 Very strong odour	-1 Mildly Unpleasant	
6 Extremely strong odour	-2 Moderately Unpleasant	
	-3 Unpleasant	
	-4 Very Unpleasant	

