



## Work Instruction for noise level measurement

IMS-EHS-WI-08

Rev No. 3

Date of issue. 26-02-2021

Page 1 of 2

### 1.0 PURPOSE:

To ensure that standardize work instruction be followed in noise level measurement.

### 2.0 SCOPE:

This work instruction is to be used for measurement of noise level in different locations of PCL.

### 3.0 RESPONSIBILITY:

The overall responsibility of this work instruction lies with the MR however the end user is responsible for the implementation.

### 4.0 PROCEDURE:

S. no.	ACTIVITIES	RESPONSIBILITY
4.1		
4.1.1	Calibration of noise meter should be ensuring before making measurements.	Condition Monitoring Nominated Person/EHS Executive
4.2	<b>NOISE LEVEL MEASUREMENT - Equipment Instructions</b>	
4.2.1	Select the noise level range selector to appropriate range after turning on the equipment	Condition Monitoring Nominated Person/EHS Executive
4.2.2	Set "Fast/Slow" selector to "fast" for normal measurement and "Slow" for rapidly fluctuating signals.	Condition Monitoring Nominated Person/EHS Executive
4.3	<b>WORK PLACE NOISE MEASUREMENT GUIDELINES</b>	
4.3.1	Noise measurement should be done at <ul style="list-style-type: none"><li>Place where most of the time staff work</li><li>Control Panels &amp; walk ways</li></ul>	Condition Monitoring Nominated Person/EHS Executive
4.3.2	Reading should be taken: While taking source at left hand of user and hold the noise meter straight then move 70-80 degree of noise source.	Condition Monitoring Nominated Person/EHS Executive
4.3.3	Three readings should be taken with a interval of one minute each	Condition Monitoring Nominated Person/EHS Executive
4.4	<b>NOISE MEASUREMENT GUIDELINES FOR TRANSPORT VEHICLES</b>	Condition Monitoring Nominated Person/EHS Executive

**This is controlled Document of PCL "Duplication is restricted"**



## Work Instruction for noise level measurement

IMS-EHS-WI-08

Rev No. 3

Date of issue. 26-02-2021

Page 2 of 2

4.4.1	Noise should be measured at 7.5 meter from the source.	Condition Monitoring Nominated Person/EHS Executive
4.4.2	Three readings should be taken with an interval of one minute each on the attached form.	Condition Monitoring Nominated Person/EHS Executive
4.5	High noise level is considered at $\geq 85$ dB(A)	Condition Monitoring Nominated Person/EHS Executive