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SOP-207

Annual Noise Monitoring at DPS (Co-ordinated)

Last Review Details – Refer to QPulse for full history





Review Comments	Review Owner	Date
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Latest Revision Details – Refer to QPulse for full history

Revision number	Revision Details
1	Standards update and other minor changes in formatting.





Approval details for latest Revision

Approver	Date	Response
Abela, Carmen		
Xuereb, Graziella		
Zammit, Johann	3/16/2021 4:10 PM	Accept
Grech, Matthew		
Pulis, Angela		
Bonett, Albert		
Baldacchino, Damian	3/15/2021 10:03 AM	Accept

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1 Aim and Scope

The objective of this procedure is to carry out annual noise monitoring by identifying a number of Noise Sensitive Receptors around the periphery of Marsaxlokk, mainly lying within the neighbourhood and opposite to Delimara Power Station. These NSRs can be prone to noise emissions emanating from the Delimara Power Station site.

Noise monitoring will be carried out according to the obligations of the IPPC Framework permit IP0002/07 (latest revision) and is a requisite for the Annual Environmental report.

2 References

BS 4142:2014+A1:2019

ISO 8297:1994

ISO 37XX series





ISO 96142:1996

EN ISO 14001:2015 Clause 9.2

IPPC Permit IP 0002/07 – Framework Permit (latest revision)

3 Terms and Definitions

D3PG	Delimara 3 Power Generation Ltd
EGM	ElectroGas Malta Ltd
ENE	Enemalta plc
ERA	Environmental Resources Authority
IPPC	Integrated Pollution Prevention and Control
NSR	Noise Sensitive Receptor

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4 Responsibilities





IPPC Coordinator	co-ordinates between the three operators (ENE, D3PG and EGM) operating at the DPS site, the contractor and the local authority
Station Responsible	responsible for the day-to-day running of the plant and has the authority to implement any necessary corrective actions
Plant Representative	nominated person representing the plant and the station responsible

5 Frequency

- This monitoring is to be performed annually according to the IPPC obligation.
- Document revision – This document should be reviewed and updated every twenty-four (24) months unless it is deemed necessary that it should be revised.

6 Detailed procedural rules

- (1) Noise monitoring shall be carried out according to BS4142:2014+A1:2019 or standard ISO 8297:1994 and any revision thereof and ISO 37XXseries or specifically ISO 9614-2:1996 as per IPPC permit requirements
- (2) Noise monitoring will be carried out annually if possible, during the same period of the year. Preferably noise monitoring is carried out during the first weeks of September to continue building on past data and to ensure that the monitoring is being carried out under the same external conditions
- (3) NSRs will be chosen in agreement with ERA
- (4) Preferably past NSRs will be utilised in order to have a build-up of historical data and also to be able to carry out trend analysis and compare present with past results
- (5) Once the most technically and economically feasible offer is selected the method statement will be forwarded to each plant representative and station responsible for approval and comments
- (6) Following agreement with the representatives of all 3 operators the method statement will be sent to ERA by the IPPC permit coordinator for approval
- (7) The IPPC permit coordinator will forward the annual noise monitoring report for the previous year with the Coordinated Annual Environmental Report to ERA by not later than end of June
- (8) The IPPC permit coordinator will be responsible to follow up on the results obtained and ensures that recommendations issued by the competent person (who should hold at least an associate membership in the Institute of Acoustics) are implemented by the 3 operators

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- (9) If during noise monitoring the competent person notices that for a particular NSR the noise level is high and exceeds the stipulated emission limits and brings this to the attention of the IPPC coordinator, the latter shall consult with all 3 representatives to try and identify the cause for this anomaly in real time. If the problem is detected and rectified the person carrying out the noise monitoring may be asked to repeat the monitoring at the specified NSR.
- (10) If for any particular NSR the noise level at that location exceeds the emission limit values as stipulated by the subsidiary permits and ERA requests that further investigations are carried out, then the IPPC coordinator will have to consult with a noise specialist who from a noise base map can identify the noise component that is generating the high noise level at that particular NSR
- (11) Once the plant that is causing the high noise level is identified the IPPC permit coordinator will issue a request to the representative of the operator of the plant concerned to carry out a root cause analysis in order to identify the root cause of the problem and implement the necessary corrective actions within stipulated time frames
- (12) Any corrective actions implemented will be verified by the IPPC permit coordinator who in turn will report these actions to ERA

7 Related Documents

n/a |