Noise and Vibration Management

Consolidated Group | Equipment Operating Procedure | EOP01

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Applies to	All CG, CTS and JG employees, contractors, suppliers and visitors
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1.0 Purpose

The purpose of this procedure is to identify, assess and control sources of noise and vibration to prevent adverse health effects to employees, contractors, suppliers and visitors at sites controlled by Consolidated Group of Companies (CGC).

This procedure supports compliance with the Work Health and Safety Act 2020 (WA), the Work Health and Safety (General) Regulations 2022 (WA) and the Model Code of Practice: Managing Noise and Preventing Hearing Loss at Work, and promotes a safe and healthy work environment.

2.0 Scope

This procedure applies to all employees, contractors, suppliers and visitors, and covers all activities, plant and equipment that may generate noise or vibration at any CGC-controlled site.

3.0 Related Documents

- Monthly Site Inspection Checklist
- Corrective Action Report
- Plant Pre-Start Checklist
- DOC-17 Risk Assessment
- Equipment Operating Procedures (EOP series)

All documents are maintained within the Incident Reporting (IR) system.

4.0 Roles and Responsibilities

4.1 Site Manager

The Site Manager is responsible for ensuring that:

- Noise and vibration risks associated with plant, equipment and work activities are identified and assessed prior to use
- Risk assessments are conducted in accordance with manufacturer specifications and DOC-17 Risk Assessment requirements
- Appropriate control measures are implemented to minimise noise and vibration exposure
- Only plant and equipment fitted with effective mufflers and noise suppression systems are used
- Noise and vibration controls are monitored through routine inspections
- Corrective actions are raised and communicated where non-compliance or deficiencies are identified

4.2 HSEQ Manager

The HSEQ Manager is responsible for:

- Providing guidance on noise and vibration risk management
- Coordinating noise monitoring where required
- Recommending appropriate PPE where exposure limits may be exceeded

4.3 Managers and Supervisors

Managers and Supervisors will:

- Ensure workers comply with noise and vibration control measures
- Communicate required actions through the Corrective Action Report system
- Ensure signage is displayed where hearing protection or other PPE is required

5.0 Procedure

5.1 Risk Assessment

- Noise and vibration risks associated with plant and equipment must be assessed during equipment selection and mobilisation
- Risk assessments must consider manufacturer noise and vibration data, task duration and frequency, and the proximity of workers and others
- The DOC-17 Risk Assessment will identify noise and vibration hazards and required control measures
- Plant Pre-Start Checklists must be completed to identify defects in noise suppression systems (e.g. mufflers, guards)

5.2 Control Measures

Where noise or vibration hazards are identified, control measures will be implemented in accordance with the hierarchy of controls, including:

- Selection of lower-noise plant or equipment
- Engineering controls such as mufflers, isolation mounts and barriers
- Administrative controls such as task rotation or restricted work times
- Provision of suitable PPE where other controls are insufficient

5.3 Inspections and Monitoring

- Noise and vibration controls will be verified during Monthly Site Inspections and annual audits
- Noise monitoring will be undertaken where required by the client, where community complaints are received, or where there is reasonable suspicion of exposure exceeding acceptable levels

5.4 Personal Protective Equipment (PPE)

- Where noise levels exceed acceptable limits, hearing protection to AS/NZS 1270 must be provided and worn
- PPE requirements must be clearly communicated and signposted
- Workers must dispose of damaged or expired PPE in accordance with site waste management procedures

5.5 Corrective Actions

Any action required to address non-compliance or deficiencies relating to noise and vibration management must be recorded using a Corrective Action Report, assigned to a responsible person, and tracked to completion.

6.0 Key Performance Indicators (KPIs)

No.	Description
1	Procedure is understood by all relevant personnel
2	Procedure is implemented and effective
3	Noise and PPE signage is correctly displayed
4	PPE is worn as required
5	Site inspections are completed as scheduled