

Noise Emission Standard

AGL-HSE-STD-008.5

1. Scope and Applicability of Standard

This Standard applies to, and must be adhered to during all stages of activities and works (including planning, development, construction, operation, maintenance and decommissioning) that are, or will be, carried out in respect of AGL sites that are owned, occupied, operated, managed or controlled by an AGL Entity or third party appointed by an AGL entity unless stated otherwise in the contract.

If there is any doubt about the applicability of this Standard, contact the AGL HSE team in the first instance.

Definitions of terms used in this Standard are set out in section 3.

2. Requirements

2.1 Planning

STD Ref No.	Minimum Controls
2.1.1	<p>Planning for works that may have actual or potential noise impacts must:</p> <ul style="list-style-type: none"> involve the AGL Environmental Representative and other subject matter experts where required; review of any existing noise reports or advice; identify nearby residences and other sensitive receptors; determine if a noise assessment or study is required; review the relevant legal requirements that apply to the site and activity; determine if existing regulatory, planning or other approvals apply; assess if new approvals are required, and determine if an internal permit to work is required.
2.1.2	<p>The site approach to applying the AGL Health, Safety and Environmental Management System (HSEMS) to activities with respect to noise is to be documented in the site Environmental Management Plan (EMP).</p> <p>A specific Noise Management Plan (or similar) is to be developed where:</p> <ul style="list-style-type: none"> required by legislation; the potential for offsite noise impacts has been identified; or the potential for regulatory or approval breaches has been identified.
2.1.3	<p>Before works commence:</p> <ul style="list-style-type: none"> all approvals, including internal permits to work, must be obtained; and

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	<ul style="list-style-type: none"> measures must be taken to ensure all approval requirements, including monitoring and reporting, will be adhered to during execution of the works.
2.1.4	<p>If a regulatory authority issues an order or notice related to:</p> <ul style="list-style-type: none"> eliminating, controlling or reducing noise emission; or carrying-out noise emissions impact studies <p>must be complied with (including timeframes and other requirements).</p> <p>If there is any doubt about the regulator's authority or ability to request the relevant information or actions to be carried out, contact AGL Legal.</p>

2.2 Risk Management

STD Ref No.	Minimum Controls
2.2.1	<p>In accordance with AGL's Fully Integrated Risk Management (FIRM), actual and potential noise and vibration risks must be identified and documented before works commence and controls to mitigate those risks must be implemented. Control measures are to be aligned with legislative, contractual and approval requirements, and the requirements of this Standard.</p>
2.2.2	<p>Where activities that may cause noise impacts cannot be avoided, they must be managed in accordance with the following management hierarchy where practicable:</p> <ul style="list-style-type: none"> minimise the extent and duration of the noise generating activity; and manage impacts in accordance with relevant guidelines prescribed by the regulatory authority, the site EMP and other relevant plans.

2.3 Monitoring and Improvement

STD Ref No.	Minimum Controls
2.3.1	<p>Where required, monitoring of noise and vibration levels must be conducted using methods and protocols approved by the regulatory authority.</p>
2.3.2	<p>Sampling and measurement equipment must be calibrated, inspected, tested, and maintained in accordance with licence/approval conditions, and relevant regulatory, manufacturer and Australian Standard (AS/NZS) requirements.</p>
2.3.3	<p>Monitoring data is to be recorded, with interpretation of results performed by suitably qualified and experienced professionals and in accordance with legislative requirements and approvals. Any non-compliances or exceedances are to be investigated, reported and corrective actions identified where appropriate.</p>

2.3.4	The effectiveness of monitoring and controls must be monitored through inspections and assurance activities at a frequency that is commensurate with the level of risk.
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2.4 Training and Competency

STD Ref No.	Minimum Controls
2.4.1	Noise requirements (including monitoring, reporting and regulatory requirements), risks and controls must be communicated to employees, contractors and third parties (such as suppliers or visitors) through site inductions, toolbox talks and contractual documentation relevant to their scope of work.
2.4.2	A suitably qualified noise professional must be engaged where prescribed by legislation or where specialist expertise is not available in-house to undertake any of the following: <ul style="list-style-type: none"> • assist with and/or undertake monitoring and assessments; • prepare specialist noise and vibration reports and plans; and • support AGL to obtain the necessary approvals to manage noise and vibration impacts and implement the requirements of such approvals.

2.5 Incidents

STD Ref No.	Minimum Controls
2.5.1	Incidents resulting in noise limit exceedances, verified community noise complaints or other noise related non-compliances, must be investigated and reported in accordance with the AGL HSE Incident, Near Miss and Hazard Management Standard (AGL-HSE-STD-011.1).
2.5.2	Where breaches or non-compliances are identified, corrective actions must be implemented within a timeframe commensurate with the risk.
2.5.3	Noise non-compliances and verified community complaints must be reported to the regulatory authority, in accordance with legislative requirements, the site EMP and other relevant plans. If there is any doubt about the notification requirements to the regulator, contact the Environmental Representative in the first instance.

3. Definitions

Term	Definition
AGL Entity	Any AGL entity within the AGL Group, including AGL Energy Limited and any subsidiary, associated Company or related Body Corporate (as defined in the <i>Corporations Act 2001</i> (Cth), including all controlled or managed entities.
Environmental Representative	The person assigned responsibility for environmental management of the facility, location or site.
Noise	<p>Noise includes sound and vibration of any frequency, whether emitted through air or another medium, and is generally unwanted or intrusive. Noise can occur continuously or intermittently.</p> <p>Noise sources and activities can give rise to:</p> <ul style="list-style-type: none"> • tonal noise (i.e. containing a prominent frequency and characterised by a definitive pitch, e.g. reverse beepers); or • impulsive noise (i.e. having a high peak of short duration or sequence of such peaks, e.g. hammering).
Sensitive Receptors	<p>Sensitive receptors are locations where people are likely to work or reside, or any other location of high amenity that requires the absence of noise at nuisance levels for its proper enjoyment.</p> <p>Examples of sensitive receptors are residential dwellings, offices, hospitals, hotels/motels, schools or other educational establishments, places of worship and public recreational areas.</p>

4. Supporting Documents

The following AGL documents may also apply to works that may have actual or potential noise impacts and should be reviewed.

Document	Description
AGL-HSE-STD-004.2	Permit to Work Standard
AGL-HSE-STD-007.6	Plant and Equipment Management Standard
AGL-HSE-STD-011.1	HSE Incident, Near Miss and Hazard Management Standard
AGL-HSE-SDM-006	HSE Consultation and Communication Methodology

AGL-HSE-SDM-013.3	Health Monitoring and Surveillance Methodology
-	AGL Risk Management & Assessment Standard

5. Document Control

Version	Reviewed by	Approved by	Date approved	Next Review
3.0	Head of HSE Systems, Reporting and Governance & Head of Environment	General Manager, HSE	02/05/2025	02/05/2028