

# Air Emissions Standard

AGL-HSE-STD-008.4

This standard applies to AGL controlled sites where sources of point source and/or fugitive emissions are operated or managed. It covers all activities, carried out by AGL employees and contractors, in AGL controlled sites, that:

- Generate and/or result in the generation of air emissions; and
- Result or potentially result in air pollution incidents.

The reference numbers given to minimum controls provide a direct linkage between this standard and the Risk and Control Matrix. The Air Emissions Methodology AGL-HSE-SDM-008.4 provides further explanation of how to achieve the minimum controls.

The underlined minimum controls below have been identified as being critical controls.

STD Ref No.	Minimum Controls
<b>POINT SOURCE EMISSIONS</b>	
<b>Management of Point Source Emissions</b>	
8.4.1.1	Licences, permits or authorisations for point source emissions (e.g. stack) management, and monitoring must be obtained and adhered to.
8.4.1.2	Notices or orders, issued by the regulatory authority, related to point source emissions must be complied with, and all requirements adhered to.
<u>8.4.1.3</u>	<u>AGL controlled sites must develop and implement control measures to minimise and manage air emissions from point sources.</u>
8.4.1.4	Air emissions from point sources must be managed in accordance with relevant protocols and guidelines prescribed by the regulatory authority, wherever applicable.
8.4.1.5	Air emissions from point sources must be managed in accordance with the following management hierarchy: <ul style="list-style-type: none"> <li>• Avoid;</li> <li>• Recycle;</li> <li>• Minimise; and</li> <li>• Manage.</li> </ul>
<b>DISCHARGE OF POINT SOURCE EMISSIONS</b>	
<b>Discharge of Point Source Emissions - Discharge Quality</b>	
8.4.1.6	If an AGL controlled site is located within an Air Quality Control Region or Area of Special Significance, additional measures prescribed by the regulatory authority in order to maintain or improve ambient air quality must be adhered to.
<b>Discharge of Point Source Emissions – Monitoring</b>	

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8.4.1.7	Monitoring must be conducted using methods and protocols approved by the regulatory authority. When these are not available, comparable or internationally recognised monitoring methods/protocols must be used.
<u>8.4.1.8</u>	<u>Sampling and measurement equipment must be calibrated, inspected, tested and maintained, in accordance with licence conditions, other relevant regulatory requirements and manufacturer requirements.</u>
8.4.1.9	Accredited environmental laboratory services (i.e. certified by National Association of Testing Authorities (NATA) or equivalent accreditation bodies) must be used for analysis of air emissions and local ambient air samples.
<b>Discharge of Point Source Emissions – Reporting</b>	
8.4.1.10	AGL controlled sites that exceed National Pollutant Inventory (NPI) reporting threshold(s) must report relevant substances emitted to ambient air, and the transfer of those substances into waste.
<b>Discharge of Point Source Emissions - Dispersion Modelling</b>	
8.4.1.11	If requested by the regulatory authority(ies) or if required under a licence, AGL controlled sites must undertake dispersion modelling for existing or proposed air emissions.
8.4.1.12	Dispersion modelling must be conducted in accordance with the methods, protocols and/or guidelines prescribed or agreed by the regulatory authority. When these are not available, comparable or internationally recognised protocols, methods and guidelines must be used.
8.4.1.13	AGL controlled sites must engage with a suitably qualified professional to develop the air dispersion model(s).
<b>FUGITIVE EMISSIONS</b>	
<b>Management of Fugitive Emissions</b>	
8.4.1.14	Licences, or authorisations for fugitive emissions management, and monitoring must be obtained and adhered to.
8.4.1.15	Notices or orders, issued by the regulatory authority, related to fugitive emissions must be complied with, and all requirements adhered to.
<u>8.4.1.16</u>	<u>AGL controlled sites must develop and implement control measures to minimise and manage fugitive emissions.</u>
8.4.1.17	Fugitive emissions must be managed in accordance with relevant protocols and guidelines prescribed by the regulatory authority, wherever applicable.
<b>AIR POLLUTION INCIDENTS AND EMERGENCIES</b>	

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8.4.1.18	Hazards, near misses and incidents resulting in potential or actual air pollution must be investigated and reported using the AGL Incident Management System.
8.4.1.19	Air pollution incidents must be reported to the regulatory authority, in accordance with the notification requirements established by applicable legislation.
8.4.1.20	The site Emergency Response Plan must include management of environmental incidents resulting in air pollution.
TRAINING AND COMPETENCE	
<u>8.4.1.21</u>	<u>Monitoring and/or in-situ testing of air emissions, and calibration of continuous emissions monitoring systems, must be carried out by qualified and experienced professionals.</u>

Version	Reviewed by	Approved by	Date approved	Next Review
2.0	HSE Systems Manager	Senior Manager, Environment Operations	09/05/2018	09/05/2020