



## OP 0.00.008 – Gas Monitoring

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# GAS MONITORING



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### Objective

To provide a safe working procedure for using the scout gas detector for monitoring atmospheres in confined spaces.

### Scope

This procedure applies to all personnel using the gas detector inside the lead shed as part of the removal of stockpiled lead carbonate concentrate from the Port of Esperance. This instrument is configured with the following sensors and alarm set points.

Oxygen Low Alarm	19.5%
Oxygen High Alarm	23.5%
Hydrogen Sulphide Alarm	10ppm
Carbon Monoxide Alarm	35ppm
Combustible Gas Alarm	10% LEL

Monitoring for NO<sub>x</sub> will also be performed.

### Accountabilities

Managing Director	Approve and endorse the requirements of this procedure at the corporate level.
General Manager (Site Operations)	Approve & endorse at a Senior Management level (Operational)
Manager - Metallurgy	Ensure sufficient resources & training are adequate for full compliance of this procedure
OSHE Manager	Establish, manage and maintain the induction, training, and monitoring databases. Co-ordinate the auditing process at the prescribed intervals.
Superintendants	Ensure compliance & training requirements are in place & directly monitor this procedure, document & report any required changes to the procedure
Supervisors	Directly supervise all operators/contractors to ensure full compliance of this procedure
Operators	Be familiar & trained & carry out this procedure as per the requirements
Contractors	Be familiar & trained & carry out this procedure as per the requirements

### References

#### Relevant Legislation

None

#### Relevant Guidelines and Codes

None

Management reserves the right to change these procedures without notice in order to ensure the health & safety of any individual or situation.



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### Associated Procedures

None

### Attachments

None

## MANAGEMENT ACTIONS

PROCEDURE		Compliance (Y/N)
1	Check that gas detector has a current calibration before use	<input type="checkbox"/>
2	Close the shutter on top of the gas detector	<input type="checkbox"/>
3	Connect the probe to the tubing port	<input type="checkbox"/>
4	Turn the gas detector on by pressing any one of the four buttons at the operating screen	<input type="checkbox"/>
5	Conduct leak test when prompted by blocking the end of the probe with your finger	<input type="checkbox"/>
6	Place the probe into the confined space for approximately 30 seconds and obtain a reading	<input type="checkbox"/>
7	Complete confined space entry permit noting the gas levels detected.	<input type="checkbox"/>
8	Notify the permit issuer	<input type="checkbox"/>
9	Turn the gas detector off by pressing the lower left and right buttons at the operating screen for 2 seconds, then press the upper left button to power down the instrument.	<input type="checkbox"/>

## Audit Notes / Recommendations

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<b>Procedure Audited By:</b>		<b>Company:</b>	
<b>Signature:</b>		<b>Date:</b>	