MINE SAFETY APPLIANCES COMPANY
PENNSYLVANIA, USA

to apply the certification mark

SANS 60079-11:2012
TO: ELECTRICAL APPARATUS FOR EXPLOSIVE GAS
ATMOSPHERES
PART 11: INTRINSIC SAFETY 'i'

This permit, including the schedules 1 to 3 which form an integral part thereof:
- is issued without alteration;
- is identified by the applicable permit number;
- is subject to any condition or limitation contained therein;
- is valid subject to ongoing compliance with permit conditions;
- bears the embossed SABS Commercial seal. In the absence of the
  seal, the permit and the schedules shall be invalid; and
- the permit may be authenticated by referring to the register of
  "Certified Clients" on the SABS Commercial website (www.sabs.co.za)

Permit Number 9612/15232
Effective Date 16 January 2018
Expiry Date 18 January 2021
Date of Original Registration 18 January 2012

Chief Executive Officer [Signature]
<table>
<thead>
<tr>
<th>1. Permit holder</th>
<th></th>
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<tbody>
<tr>
<td>1.1 Name</td>
<td>Mine Safety Appliances Company</td>
</tr>
<tr>
<td>1.2 Name under which the business is conducted</td>
<td>Mine Safety Appliances Company</td>
</tr>
<tr>
<td>1.3 Registration or the identity number</td>
<td>30010463</td>
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| 2. Street address of factory at which the commodity is manufactured | 1000 Cranberry Wood Drive  
Cranberry Township  
Pennsylvania  
16066  
USA |

| 3. Mark Specification with which the commodity is required to comply | SANS 60079-11 / SABS IEC 60079-11  
Electrical apparatus for explosive gas atmospheres Part 11: Intrinsic safety 'i' |

| 4. Description of commodity to which the certification mark may be applied, and Brand name or Trade mark which may be used in conjunction with the certification mark | Electrical apparatus for explosive gas atmospheres - Intrinsic safety 'i'  
Multi-Gas Detector  
Altair 4x  
Cell Ex Sensor  
Miniature Combustible Sensor-MSA Xcell Ex  
MSA |

| 5. Quality management system with which consistent compliance is required | The quality management system relating to the production of the commodities identified in section 3 and 4 of this schedule must consistently meet the requirements of the nominated product specification, the requirements for a product certification system 5 certification scheme as per ISO 17067 and requirements of the general and specific permit conditions as detailed in schedules 2 and 3 of the permit |
**SCHEDULE TO PERMIT TO APPLY CERTIFICATION MARK**

This permit is only applicable in respect of the permit holder, the factory, the mark specification, the commodity and the trade name or trade mark referred to in this schedule.

<table>
<thead>
<tr>
<th>Record of amendments to permit</th>
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<tbody>
<tr>
<td>Original date of issue:</td>
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<tr>
<td>Amendments:</td>
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</table>
| 2014-11-26 | a) Permit reissued with a new triennial expiry date  
b) Revised specification from SANS 60079-11:2007 to SANS 60079-11:2012 |
| 2018-01-16 | Permit reissued with a new triennial expiry date |
Dear Sir/Madam

PERMIT

We have pleasure in enclosing our amended official permit No. 9612/15232.

Please refer to schedule 1 for the record of amendments.

This permit replaces the permit now in your possession which is no longer valid and should be returned by registered post for cancellation.

We would like to place the following points on record regarding the permit:

If the permit is cancelled for any reason, it must be returned to SABS Commercial SOC Ltd. without delay. Similarly, if the permit needs to be amended in respect of the details appearing in schedule 1, e.g. change of name of permit holder, change of factory address, change of brand name, etc., or if the certification mark is to be applied to additional types, grades, etc., to those specified in schedule 1 of the permit, it must be returned for the necessary amendment(s), subject to approval by SABS Commercial SOC Ltd.

Yours faithfully

Ms MV Mahlangu
Group Manager Accreditation
ACCREDITATION MANAGEMENT
SABS COMMERCIAL SOC LTD