



**POWER METAL TECHNOLOGIES (M) SDN BHD**

Lot 37830, Jalan Bukit Naga,  
Seksyen 32, 40460 Shah Alam, Selangor Darul Ehsan.  
Tel: 03-5162 2936 Fax: 03-5162 2962



# SGS CERTIFICATE

**SGS (Malaysia) Sdn Bhd** (Company No. 10871 - T)  
No. 26 Jalan Anggerik Vanilla 31/93,  
Kota Kemuning, 40460 Shah Alam,  
Selangor, Malaysia  
Tel : 603 - 51218237  
Fax : 603 - 51211816



**Certificate No. : F580101/KL/IN/6767 (10103705)**  
**Page 1/3**

**Date: 17<sup>th</sup> December 2013**

**CERTIFICATE OF INSPECTION**

**Beneficiary/Seller :** POWER METAL TECHNOLOGIES  
Lot 37830, Jalan Bukit Naga,  
Section 32, 40460 Shah Alam,  
Selangor Darul Ehsan.

**Goods Inspected :** Copeland Scroll Compressor  
Serial No: 12C4209HT, 13F4985ET & 13F4988ET

**Place of inspection :** POWER METAL TECHNOLOGIES  
Lot 37830, Jalan Bukit Naga,  
Section 32, 40460 Shah Alam,  
Selangor Darul Ehsan.

**Date of Inspection :** 10<sup>th</sup> December 2013

**Reference No. :** SGS Job No: 10103705

**Inspected by :** Mohd. Khair bin Mahmood

THIS IS TO CERTIFY that according to the reference as mentioned above, we have carried out inspection to the best of our knowledge, ability and in a conscientious manner at POWER METAL TECHNOLOGIES, 37830, Jalan Bukit Naga, Section 32, 40460 Shah Alam, Selangor Darul Ehsan.

After careful measurement of the surface temperatures of the above compressors, which were conducted to the best of our knowledge, ability and in a conscientious manner, we report as follows:-





**Certificate No. : F580101/KL/IN/6767 (10103705)**  
**Page 2/3**

**Date: 17<sup>th</sup> December 2013**

**Applied/Reference Documents**

- i) One (1) set of Purchase Order supplied by POWER METAL TECHNOLOGIES.
- ii) Applicable drawings for the compressors.
- iii) Explosion proof certificate for the following:  
Junction Box -- INERIS 03ATEX0050

**Scope of Inspection**

- i) Temperature Measurement
- ii) Review Documents
- iii) Issue of Certificate

**Inspection Findings**

- i) Temperature Measurement

First, the ambient temperature and surface temperatures of the compressor body were measured at pre test conditions. The compressors were then run at prevailing conditions for 120 minutes, and the surface temperatures of the compressors, including the ambient temperature were measured at an interval of every 30 minutes using a calibrated digital thermometer. Please refer to the attached report for test results and the digital thermometer calibration certificates.

Temperature unit for the data recorded is in Celcius (°C) unit.

ITEM	ITEM INSPECTED	MODEL	QUANTITY
1.	Compressor S/N: 12C4209HT	ZB19KQE-PFJ-559	1
2.	Compressor S/N: 13F4985ET	ZR47KC-TFD-522	1
3.	Compressor S/N: 13F4988ET	ZR47KC-TFD-522	1

**SGS (Malaysia) Sdn Bhd** (Company No. 10871 - T)  
No. 26 Jalan Anggerik Vanilla 31/93,  
Kota Kemuning, 40460 Shah Alam,  
Selangor, Malaysia  
Tel : 603 - 51218237  
Fax : 603 - 51211816



**Certificate No. : F580101/KL/IN/6767 (10103705)**  
**Page 3/3**

**Date: 17<sup>th</sup> December 2013**

**CONCLUSION**

On the basis and by the kind of inspection performed, we are of the opinion that, at the time of inspection, the above stated consignment is in accordance with the ZONE 2 GAS GROUP IIB T3 classification whereby the measured surface temperatures of the compressors did not exceed the value of 200°C. The junction box and drain plug was properly marked as Explosion Proof (ATEX).

The issuance of the report does not exonerate buyers or sellers from exercising all their rights and discharging all their liabilities under the contract of sale. Stipulations to be contrary are not binding on us.

The company shall only be responsible to the client who requested for the survey. We are not liable to any other party except the client in connection with this survey, as the advice contained herein is limited to the scope of instruction received.



**SGS (Malaysia) Sdn Bhd**  
**Industrial Division**



SGS

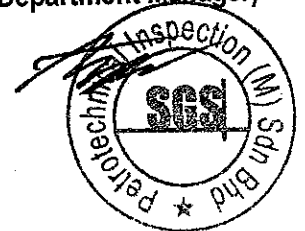
**TEMPERATURE MEASUREMENT  
ON 3 UNITS OF AIR-CONDITIONER COMPRESSOR  
FOR POWER METAL TECHNOLOGIES  
AT BUKIT NAGA, SHAH ALAM, SELANGOR  
ON 10<sup>th</sup> DECEMBER 2013**

**Job Executed By:  
Mohd. Khairi bin Mahmood**

**Job No: 10103705**

**Prepared By:  
Mohd. Khairi bin Mahmood**

**Approved By:  
Mohd Azam Saat  
(NDT Department Manager)**



**PETROTECHNICAL INSPECTION (M) SDN BHD**  
No. 26, Jln. Anggerik Vanilla 31/93,  
Kota Kemuning, 40460, Shah Alam,  
Selangor Darul Ehsan.  
TEL 603 - 5121 8237  
FAX 603 - 5121 1816

All orders are accepted and all report and certificates issued subject to the General Condition of Service  
(Copys available upon request)

SGS



### DISCLAIMERS

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

