

**Inspection Certificate**

Abnahmeprüfungszeugnis DIN EN 10204.3.1  
 Certificat De reception  
 Certificado di collaudo  
 Keuringsrapport



<b>Batch Number</b>	<b>231002</b>	<b>Product Name</b>	Spotcheck SKD-S2 Developer Aerosol
<b>Date of Manufacture</b>	06/10/2023 11/10/2023	<b>B.B.E.</b>	10/2026

**Specification: Specification**

We hereby certify that when tested at the time of manufacture, the above material:

1. Meets the requirements of and has been tested for sulfur and halogens according to:

a) ASME Boiler and Pressure Vessel Code, 2023 Edition, Section V, Non-destructive Examination.

b) Anion analysis by ASTM D129 decomposition followed by Ion Chromatography method Annex A4.

c) ASTM E-165/E-165M-18, Paragraph 7.1.

d) MIL-STD-2132E, March 29, 2016, Paragraph 6.1.3.

2. Meets the requirements of EN ISO 3452-1, EN ISO 3452-2, SAFRAN Pr 5000 / In 5000D, AMS 2644H and ASTM E 1417/E 1417M-21 Paragraph 5.1 & 6.5.1.

3. Conforms to the chemical specifications of the PMUC reference 08-0226.

4. We further certify that the material does not contain mercury as a basic element and no mercury bearing equipment was used in its manufacture.

Test	Section	Limit	Result
Specification			Passed

**Specification: EN ISO 3452-2**

When tested at the time of manufacture the following results were obtained. The information is derived from our quality checks. It does not relieve the purchaser from examining the product upon delivery and gives no assurance of the product for any particular purpose.

Test	Section	Limit	Result
Appearance	6.1	Equal to standard	Passed
Sensitivity for ISO 3452-2 (SMT 58)	6.2	Equal to standard	Passed
Corrosive Properties	6.11	No Corrosion on Magnesium Alloy	Passed
Solid Content (SMT 28)	6.13	9.0 - 15.0 %	12.22 %
Developer Performance	6.15	Equal to standard	Passed
Re-Dispersion	6.16	Readily Dispersed	Passed
Density of Carrier Fluid	6.17	0.746 - 0.825 g/cm <sup>3</sup>	0.786 g/cm <sup>3</sup>

**Flashpoint (SMT 14)**

Aerosol -40°C

**Specification: AMS 2644H Developer Results**

When sampled according to paragraph 4.3.2 section 4.2.2.3 of AMS 2644H the following results were obtained:

Test	Section	Limit	Result
Developer Fluorescence	3.3.10.2	Conforms	Passed
Developer Removability	3.3.10.4	Conforms	Passed
Redispersibility (Forms c,d & e only)	3.3.10.5	Conforms	Passed

**Specification: Ion Testing Results**

Test results obtained were as follows:

Test	Section	Limit	Result
Sulphur Content			13 ppm
Halogen Content			177 ppm

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**Prepared by**

A handwritten signature in black ink, appearing to be 'D. Smith'.

**Approved by**

A handwritten signature in black ink, appearing to be 'J. H. Smith'.

### Notes:

1. Our batch number appears on the label of bulk containers. Aerosols have batch numbers printed on bottom of the container.
2. Most specifications require test results stated in percent, but some require parts per million (ppm). To convert "percent" figures to "parts per million" move the decimal four places to the right.
3. MIL-STD-271, MIL-STD-2132 and ASME Sec V, all require that materials be subject to a procedure to evaporate off volatile solvents before analysis for Sulfur and Halogens. According to these specifications, only those residues higher than 0.005 g/100ml shall be analysed for Sulfur and Halogens. Lower residues shall be reported.
4. The above certification gives the results obtained at the time of manufacture. Age and use may alter the properties of any material.

FORMAT: MX 101.137 MC-09 Rev 27

**Magnaflux** (A Division of ITW Ltd),  
Faraday Road, South Dorcan Industrial Estate,  
Swindon, Wiltshire, SN3 5HE, UK  
Tel: +44 (0)1793 524566  
Fax: +44 (0)1793 490459  
Email: sales.eu@magnaflux.com  
www.magnaflux.eu