



**CERTIFICATION**  
**D-72A**  
**BATCH # 22257**

PRODUCT	DESCRIPTION	TYPE	METHOD	SENSITIVITY	FORM	CLASS	APPROVAL DATE
D-72A	Dry Powder Developer	I	A, B, C, & D	NA	a	NA	21-Dec-2021

We hereby certify that this batch of inspection material when tested following manufacture meets the following:

*Certificamos que este lote de material de inspección cumple con los siguientes requisitos cuando es probado despues de la fabricación:*

- SAE AMS 2644H and on the Qualified Parts List (test reference: AFWAL/MLS 86-88).
- ISO/FDIS 3452
- CFM56 CP 3317, 5/90
- Velan PS-008, Rev. 10
- Boeing BSS 7039 & BAC 20-20-01
- Pratt & Whitney FPM PMC #4356-AA
- NAVSEA 250-1500-1 ¶ 12.5.1.1.1, Rev 18
- Safran IN-5000c; Snecma sensibilité S2, S3, & S4
- Rolls-Royce RPS-702-7, CSS-232, OMat # 606C, RRP 58003C
- General Electric Gas Turbines LM6000 PC & Aircraft Engines 70-32-02
- AMS 2647G, ASTM E-165/E165M-18, ASTM E-1417/E1417M-21, ASTM E1418-18
- MIL-STD-2132 ¶ 7.1.3, & T9074-AS-G1B-010/271 supercedes MIL-STD-271(SH) ¶5.6.1(93)
- ASME Boiler & Pressure Vessel Code 2019, Section V, Article 6, appendix II-¶-641 & II-¶-642
- 10 CFR part 21 applies

PO# \_\_\_\_\_

- Shelf life is 5 years from date of batch approval.

*Vida útil de garantía son 5 años desde la fecha del "approval date".*

- Batch number is on bulk labels or bottom of aerosol cans.

*Numeros de lote se encuentran en las etiquetas de los botes a granel o en el fondo de los botes de aerosol.*

Is free of all known Ozone depleting substances and mercury contamination and was not made in any mercury bearing equipment. Does not contain polychlorinated biphenyl (PCB), nonylphenol ethoxylates (NPE), or RoHS banned substances.

*Esta libre de todas sustancias degradantes del ozono, de contaminación de mercurio, y no fue fabricado usando equipo conteniendo mercurio. No contiene polychlorinated biphenyl (PCB), nonylphenol ethoxylates (NPE), o RoHS sustancias prohibidas.*

QUALITY ASSURANCE TESTS	REQUIREMENTS	BATCH RESULTS
Appearance:	Clean, white fluffy powder	Pass
Fluorescence: AMS-2644 ¶ 3.3.10.2	Free of bright fluorescent specs.	Pass
Removability: AMS-2644 ¶ 3.3.10.4	Free of heavy developer film.	Pass
Sulfur Content: per ASTM E-165/E165M-18 ¶ 9.1.2 Annex A4	ISO 3452: ≤ 200 ppm (0.02 %); PMC 4356: <1000 ppm ( 0.1%)	< 200 ppm
Chloride Content: ASTM E-165/E165M-18 ¶ 9.1.2 Annex A4	ISO 3452: ≤ 200 ppm (0.02 %); PMC 4356: < 1000 ppm (0.1%)	< 200 ppm
Fluoride Content: ASTM E-165/E165M-18 ¶ 9.1.2 Annex A4	PMC 4356: ≤ 50 ppm (0.005 %)	< 50 ppm
Sodium Content: ASTM E-165/E165M-18 ¶ 9.1.2 Annex A4	PMC 4356: ≤ 1000 ppm (0.1 %)	< 1000 ppm
Total Halogen Content: ASTM E-165/E165M-18 ¶ 9.1.2 Annex A4	ISO 3452: ≤ 200 ppm (0.02 %)	< 200 ppm

**MET-L-CHEK QUALITY ASSURANCE**

**BATCH TESTED BY:**

**DENNIS MASON**  
QC CHEMIST

**BATCH APPROVED BY:**

**JUSTINE FORD**  
PLANT CHEMIST



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