



# CERTIFICATION E-59

## BATCH #21219

PRODUCT	DESCRIPTION	TYPE	METHOD	SENSITIVITY	FORM	CLASS	APPROVAL DATE
E-59	Penetrant Remover	I & II	C	L2*	N/A	2	28-Jan-2022

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 Products List(test reference: AFWAL/MLS 86-88).
- ISO/FDIS 3452-2006
- Velan PS-008, Rev. 10
- MIL-STD-2132 ¶ 7.1.3
- Honeywell EMS 52309-03
- Boeing BSS 7039, BAC 20-20-02
- NAVSEA 250-1500-1 ¶ 12.5.1.1.1, Rev 18
- RCC-M code 93, Section V-F, sub-section F6420
- AMS-2647-E, ASTM E-165/E165M-18 and ASTM E-1417/E1417M-21
- 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: ISO 3452-2:2006(E) ¶ 6.1	Clean, clear liquid, no fluorescence	Pass
Specific Gravity: ISO 3452-2:2006(E) ¶ 6.3	0.763 - 0.820 @ 10°C (50°F)	0.781
Performance: ISO 3452-2:2006(E) ¶ 6.2	*L2 = (100% 50µ, >75% 30µ)	Pass
Flash Point: ASTM D-93, AMS 2644 ¶ 3.3.3	> 61.1°C (>142°F)	154°F
Residue: ASTM D-1353-13	< 0.005 grams/100 ml	0.000 g/100mL

### MET-L-CHEK QUALITY ASSURANCE

BATCH TESTED BY:

DENNIS MASON  
QC CHEMIST

BATCH APPROVED BY:

JUSTINE FORD  
PLANT CHEMIST



Met-L-Chek Company, 2910 Harvard Avenue | Cleveland, OH 44105

T: (216) 441-4900 | F: (216) 441-1377

E: info@met-l-chek.com W: www.met-l-chek.com