




Date : 2021-07-16

## CERTIFICATE OF COMPLIANCE


This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	20200449-1	CERTIFICATE NUMBER	KBS 47/21
DATE OF ISSUE	2021-05-03	DATE OF ISSUE	2021-07-06
DATE OF EXPIRY	-	DATE OF EXPIRY	2026-07-16
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	Emirates Fire Fighting Equipment Factory LLC (FIREX)	NAME OF THE BRAND	FIREX
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY )	Industrial Area 13, Sharjah U.A.E., AE	MODEL / NO	FIREX AFFF 3% PREMIUM
WEBSITE	www.firexuae.com	LOGO ON THE PRODUCT	
TEL	+971 6 534 0300	EMAIL	info@firexuae.com



Product Details From Test Report		Reference Test Report page NO
<p><b>DESCRIPTION OF THE PRODUCT</b> (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)</p>	<p><b>Aqueous film-forming foam concentrates (AFFF)</b> FIREX AFFF 3% PREMIUM</p> <ul style="list-style-type: none"> <li>- freezing point: -4°C</li> <li>- viscosity: <ul style="list-style-type: none"> <li>- (20°C) - 2.19</li> <li>- (10°C) – 3.02</li> <li>- (0°C) – 4.45</li> <li>- (-4°C) – 5.35</li> </ul> </li> <li>- pH value: 6.10</li> <li>- density: 1.020</li> <li>- refraction index: 1.3565</li> </ul> <p>Test fire performance in accordance with EN 1568-3:2018 IC/IC (simulated fresh water/ simulated sea water) was met.</p>	4
<p><b>TEST STANDARD</b> (SUCH AS ASTM/BS EN/ DN ETC)</p>	<p>EN 1568-3:2018 – Fire Extinguishing media – Foam concentrates Part 3: Specification for low expansion foam concentrates for surface application to water – immiscible liquids</p>	Reference Standard
<p><b>TEST DESCRIPTION</b></p>	<p>The test was performed in accordance with the standard EN 1568:2018, below are the Test Clauses:</p> <ul style="list-style-type: none"> <li>- General characteristics of the foam concentrate (clause 4-7 EN 1568)</li> <li>- Surface tension of the foam solution (clause 8 EN 1568)</li> <li>- Evaluation of aqueous film formation (clause 12 EN 1568)</li> <li>- Expansion and drainage of the foam (clause 10 EN 1568)</li> <li>- Low expansion foam (clause 10 EN 1568-3, 4:2018)</li> <li>- Test fire performance of the foam (clause 11 EN 1568)</li> <li>- Low expansion foam for surface application to water-immiscible liquids (clause 11 EN 1568-3:2018)</li> <li>- Stability /separation test (clause 9 EN 1568)</li> <li>- Occupational health and ecotoxicological evaluation (clause 12 EN 1568-1, -2, -4:2018, 13 EN 1568-3:2018)</li> <li>- Container marking (clause 14 EN 1568-1, -2, -4:2018, 15 EN 1568-3:2018)</li> </ul>	Reference Standard
<p><b>SPECIFICATION OF TEST SPECIMEN</b></p>	<ul style="list-style-type: none"> <li>- 3 x 25l foam concentrate (sample no. 20E3397-1)</li> <li>- 1 x 1l foam concentrate (sample no. 21E0990-1)</li> </ul>	3



<p><b>TEST RESULT</b> (SUCH AS PASSED CRITERIA / COMPLIED TO / DURATION / OBSERVATION / ETC)</p>	<p>Performance characteristics of the foam concentrate: Test fire performance in accordance with EN 1568-3:2018 (simulated fresh water/ simulated sea water) IC / IC Conformity of submitted samples with all applicable clauses of EN 1568:2018: pass The tested foam concentrates with the name FIREX AFFF 3 % Premium meets the requirements of the standard EN 1568-part 3 edition 2018.</p>	<p>2</p>
<p><b>PRODUCT APPLICATION GUIDELINE (END USE)</b> (CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN / TO BE INSTALLED AT / TO BE CONNECTED WITH / TO BE INSTALLED WITH / ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN / NOT TO BE INSTALLED AT / NOT TO BE INSTALLED WITH / ETC.</p>	<p>Operation instructions: Do not freeze the foam concentrate. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith.  Usage concentration: 3%</p>	

Laboratory and Certification body details			
NAME OF CERTIFICATION BODY	MPA Dresden GmbH	NAME OF TEST FACILITY	MPA Dresden GmbH
CERTIFICATION BODY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Fuchsmühlenweg 6F D-09599 Freiberg Germany	TEST FACILITY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Fuchsmühlenweg 6F D-09599 Freiberg Germany
WEBSITE	<a href="http://www.mpa-dresden.de">http://www.mpa-dresden.de</a>	WEBSITE	<a href="http://www.mpa-dresden.de">http://www.mpa-dresden.de</a>
TEL	+ 49(0)3731 20 393-0	TEL	+ 49(0)3731 20 393-0
EMAIL	info@mpa-dresden.de	EMAIL	info@mpa-dresden.de
ACCREDITED BY (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)	DAkKS Deutsche Akkreditierungsstelle GmbH <a href="http://www.dakks.de">http://www.dakks.de</a>	ACCREDITED BY (NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)	DAkKS Deutsche Akkreditierungsstelle GmbH <a href="http://www.dakks.de">http://www.dakks.de</a>
AS PER (STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)	DIN EN ISO/IEC 17065:2013	AS PER	DIN EN ISO/IEC 17025:2018
VALIDITY	unlimited validity	VALIDITY	unlimited validity
REFERENCE NUMBER:	D-ZE-17819-01-00	REFERENCE NUMBER:	D-PL-17819-01-00
CERTIFICATION MARK			



(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	MOHAMMAD HASSAN HAMDALLAH	SIGNATURE	
EMAIL / TEL	INFO@FIREXUAE.COM	FACTORY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			

(ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY			
NAME OF CERTIFICATION BODY SIGNATORY	Grad. Eng. Michael Hanitzsch	SIGNATURE	
EMAIL / TEL	info@mpa-dresden.de + 49(0)3731 20 393-0	CERTIFICATION BODY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			