400 Main Street
Ashland, MA 01721, USA
(508) 881-2000
www.kiddefenwal.com

19 de junio del 2026

Señores,
A quien pueda interesar.

De nuestra consideración:

Por medio del presente confirmamos que la empresa **TECNO FUEGO SAS** con oficinas en la ciudad de Barranquilla - Colombia, es actualmente nuestro distribuidor autorizado en Colombia desde hace más de 35 años, reconocido por Kidde Fire Systems y Kidde Fire Protection, marcas de KiddeFenwal LLC.

Los equipos fabricados por Kidde y comercializados por **TECNO FUEGO SAS** serán cubiertos por la garantía estándar de acuerdo con los Términos y Condiciones de Ventas estándar de Kidde.

Los equipos fabricados por Kidde y comercializados por **TECNO FUEGO SAS,** incluyen sistemas de prevención REL-iON, sistemas de detección convencionales, direccionables y por aspiración, así como también soluciones completas de supresión con agentes limpios, entre ellos Kidde Fluoro-K, FM-200, Gases Inertes (IG-100, IG-01, IG-55, IG-541), HPCO2 y LPCO2. Kidde también vende extintores portables y polvos químicos húmedos y secos Wet and Dry chemical,

Además, **TECNO FUEGO SAS,** cuenta con acceso al soporte técnico y de aplicaciones de Kidde Fire Systems, así como repuestos y literatura técnico-comercial.

Confirmamos también que **TECNO FUEGO SAS** cuenta con personal certificado por fabrica y capacitado en diseño, instalación, operación y mantenimiento, teniendo acceso y conocimiento a todos los procesos, repuestos y herramientas para el servicio técnico estándar y post-descarga.

KiddeFenwal, LLC. es una razón social debidamente organizada bajo las leyes del estado de Delaware, Estados Unidos.

Esta carta es válida hasta el 31 de diciembre de 2026.

German Montoya.
Regional Sales Manager Andean Region
and Central America
german.montoya@kiddefenwal.com

Certificate of Compliance

Certificate Number(s):

UL-US-2588971-1

Report Reference:

EX4674-20251031

Issue Date:

2026-04-03

Issued to:

Tecno Fuego S.A.S.
Carrera 9g #110-187
Bodega 82
Barranquilla Atlantico 080015 CO

Kidde-Fenwal, LLC
400 MAIN ST, ASHLAND, MA, 01721-2150, US

This certificate confirms that representative samples of:

GAQF - Clean-agent Extinguishing System Units

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

ANSI/CAN/UL/ULC 2166, 3rd Ed, Issue Date: 2017-5-10, Revision Date: 2021-12-8

Additional Information:
See UL Product iQ® at https://iq.ulprospector.com for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

David Piecuch
UL Mark Certification Program Manager

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CERTIFICATE OF COMPLIANCE

Certificate number(s): UL-US-2588971-1
Report reference: EX4674-20251031
Issue Date: 2026-04-03

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Engineered, Halocarbon

Model(s): Kidde Fire Systems ECS-500™ Series, Novec™ 1230™ or Fluoro-K™ engineered extinguishing system units, 500 psig

Clean Agent Extinguishing System Units	Value
Extinguishing Agent (ASHRAE Designation)	FK-5-1-12

Manuals and Bulletins

Part No.	Description	Date/Rev
06-237585-001	Design, Installation, Operation and Maintenance Manual	August 2023
06-237873-001	Manual Addendum for 2-Way NPT and Grooved Selector and Lockout Valve	January 2023
06-237955-001	Fluoro-K™ Fire Suppression Clean Agent Cylinder/Valve Rebranding Kits Addendum	October 2023
06-237588-001	User's Manual for Kidde FK-5-1-12 Design and Flow Calculation Software	December 2022
06-238006-001	Discharge Pressure Switch(P/N 81-700000-000) Addendum for Kidde Fire Systems Fire Suppression Systems	February 2025
06-238008-001	2” Swing Check Valve (P/N 85-118213-001) Addendum for Kidde Fire Systems Industrial Clean Agent Fire Suppression Systems	November 2024
06-237585-005	TPED Cylinder Addendum for Kidde Fire Systems ECS-500™ psi Fire Suppression System	July 2025

System Unit Information

Operating Pressure at Temperature	Minimum Operating Temperature	Maximum Operating Temperature
500 psig at 70 °F	32 F (0 C)	130 F (54.4 C)

These installations require the use of the Listee’s flow calculation software:

KID Version 4.00 or KFS Version 4.00

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FM Approvals

Kidde Fire Systems ECS 500 psi Fire Suppression System with Fluoro-K Clean Agent

Certificate Number: FM23FPUS0175

Company

Kidde-Fenwal, LLC
400 Main St, Ashland , Massachusetts 01721
United States of America
http://kidde-fenwal.com

Fixed Extinguishing Systems | Clean Agents | Clean Agent Fire Extinguishing Systems

Kidde Fire Systems® ECS 500 psi Fire Suppression System with Fluoro-K™ Clean Agent

Description of Equipment:

System Designation:	Kidde Fire Systems® ECS 500 psi Fire Suppression System with Fluoro-K™ Clean Agent
System Type:	Engineered, Unbalanced Systems Designed for Total Flooding Applications
Agent Identification:	Fluoro-K™ Clean Agent (dodecafluoro-2-methylpentan-3-one (CF3CF2C(O)CF(CF3)2))
Minimum and Maximum Agent Storage Temperatures:	Balanced System: 32 to 130°F (0 to 54°C) Unbalanced System: 60 to 80 °F (16 to 27°C)
Types of Nozzles Available:	180°, 360°
Minimum and Maximum Nozzle Heights:	1 to 16 feet (0.3 to 4.9 meters)
Maximum Area of Coverage for Nozzle Type:	180°: 35.6 x 35.6 ft. (10.9 x 10.9 m), 39.8 ft. (10.9 m) maximum radial reach 360°: 35.6 x 35.6 ft. (10.9 x 10.9 m), 25.2 ft. (7.7 m) maximum radial reach
Minimum Design Concentrations for Hazard Class:	Class A: 4.5% Class B: 5.85% (see table in DIOM)
Flow Calculation Software:	Kidde Fire Systems® Clean Agent Flow Calculation Program, Version 4.00
Design, Installation, Operation, and Maintenance Manuals:	Kidde Fire Systems® ECS-500™ psi Fire Suppression System Design, Installation, Operation, and Maintenance Manual, P/N 06-237585-001, Rev. AD, August 2023 Kidde Fire Systems® ECS-500™ psi Fire Suppression System Owner's Manual, P/N 06-237586-001, Rev. AC, July 2022

	Kidde Fire Systems® ECS 500™ psi Fire Suppression System Flow Calculation Software User's Guide, P/N 06-237588-001, Rev. AC, December 2023 Fluoro-K™ Fire Suppression Clean Agent Cylinder/Valve Rebranding Kits Addendum for Kidde Fire Systems Industrial ECS-500™ and Fluoroketone Clean Agent Systems, P/N 06-237955-001, Rev. AA, October 2023 2" Swing Check Valve (P/N 85-118213-001) Addendum for Kidde Fire Systems Industrial Clean Agent Fire Suppression Systems P/N 06-238008-001, Rev. AA, November 2024 TPED Cylinder Addendum for Kidde Fire Systems ECS-500 psi Fire Suppression Systems Design, Installation, Operation, and Maintenance Manual P/N 06-237585-005, Rev. AA, July 2025 Kidde Fire Systems ECS-500 psi Fire Suppression System First Fill Instructions for 500 psi Cylinders P/N 06-237587-001, Rev. AF, August 2025
Limitations or Exceptions to Approval:	Limitations as defined in the software and manuals listed above
Approved Filling Stations:	Kidde-Fenwal, Inc. 400 Main Street Ashland, MA 01721 Control Fire Systems, Ltd Building A 63 Advance Road Toronto, Ontario M8Z 2S6 Canada Zyania Telecomunicaciones S.A. De C.V. C.Pino 307-1C, Colonia Atlampa. Alcaldia Cuauhtémoc Ciudad de México 06450 Mexico Kidde Brasil Ltda. Rodovia Fernão Dias, Km 939.6 Extrema-MG 37.640-000 Brazil

	Asiatic Fire System Pte Ltd 65 Joo Koon Circle Singapore 629078 Pacific Sense Enterprises Ltd Unit A, G/F Hung Wai Ind. Bldg. 510 Leung Yip Street & 20-26 Wing Yip Street West Yuen Long, New Territories Hong Kong Kidde Fire Protection Station Road High Bentham, Lancaster LA2 7NA United Kingdom Mechanical Engineering Services & Consulting “MESC” New Borg Al-Arab City 3rd Industrial Zone, B18-P4-23121 Alexandria, Egypt
Approved Filling Stations:	Salem Agencies and Services (SAS) 3652 Ibn Molawah Street 6631 As Sarawat District Jeddah, Saudi Arabia 22527 Imperial Fire Engineering Co., Ltd100 Kho So Lo Ban Khlong Samrong Rd Sisa Chorakhe Yai, Bang Sao Thong District Samut Prakan 10540 Thailand Federal Fire Engineering Pte. Ltd 12 Chin Bee Drive Singapore 619686 Tecno Fuego SAS Carrera 9G #110-187 Bodega 82 Barranquilla Atlantico 080015 Colombia

	Firetrade Engineering Public Company Limited 688 Pracha Phatthana Road Thap Yao Subdistrict, Lat Krabang District Bangkok 10520, Thailand

Details

Category	Clean Agent Fire Extinguishing Systems
Class of Work	5612 - Exting Agent, Liquefied Gas
Certification Type	FM Approved
Listing Country	United States of America
Certificate Number	FM23FPUS0175