CERTIFICATE OF CONFORMITY

FM Approvals

1. **FIRE PROTECTION EQUIPMENT**

2. **Certificate No:**	**FM24US0221**
3. **Equipment: (Type Reference and Name)**	**Model GPD(FM) Series Controllers for Diesel Engine Driven Fire Pumps**
4. **Name of Listing Company:**	**TornaTech Inc**
5. **Address of Listing Company:**	**4100 Desserte Sud, (A-440 Ouest) Laval, Quebec H7T 0H3, Canada**

6. The examination and test results are recorded in confidential report number:

   3016904 dated 6th April 2015

7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

   FM 1321, 1323: 2024

8. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

9. Approval Guide Listing Category:

   Fire Pump Controllers, Diesel Engines

Certificate issued by:

J.E. Marquedant
VP, Manager - Electrical Systems

22 September 2025
Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC. One Technology Way, Norwood, MA 02062 USA
T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: information@fmapprovals.com www.fmapprovals.com

10. **Description of Equipment:**

Approved locations:

Design	Manufacturing
Tornatech Inc 4100 Desserte Sud, (A-440 Ouest) Laval, QC H7T 0H3 Canada	Tornatech Inc 4100 Desserte Sud, (A-440 Ouest) Laval, QC H7T 0H3 Canada Tornatech FZE PO Box 18435 Plot No S10131, Jebel Ali South Dubai AE Tornatech Europe SA Rue des Sablières numéro 45 Unité 68 Mont-Saint-Guibert 1435, Belgium

See Annex for product description

11. **Test and Assessment Procedure and Conditions:**

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

12. **Schedule Drawings**

A copy of the technical documentation has been kept by FM Approvals.

13. **Certificate History**

Details of the supplements to this certificate are described below:

Date	Description
6 April 2015	Original Issue.
10 May 2016	Supplement 1: Report Reference: 3056317 dated 10 of May 2016 Description of the Change(s): Approval of GPx, GPD, MPA Series with alternate control (ViZiTouch 2.0)

CERTIFICATE OF CONFORMITY

US Certificate of Conformity No: FM24US0221

Date	Description
22 June 2023	Supplement 2: Report Reference: PR465046 dated 22 June 2023. Description of the Change(s): Add alternate pressure transducer.
1 November 2024	Supplement 3: Report Reference: RR243289 dated 1 November 2024. Description of the Change(s): Update format and TornaTech FZE address per PR469137.
22 August 2025	Supplement 4: Report Reference: RR247395 dated 22 August 2025. Description of the Change(s): Alternate Battery Chargers for Model GPD Diesel Engine Driven Fire pump Controller. Note c.) added to the certificate. Testing performed in project PR470512.
22 September 2025	Supplement 5: Report Reference: PR472576 dated 22 September 2025. Description of the Change(s): Add optional cellular antenna. Correct typo in note "c".

ANNEX

Model GPD(FM)

Description of Equipment:

Model GPD(FM)-a-b-c Diesel Engine Fire Pump Controller with ViZiTouch Control
Standard Enclosure: NEMA/UL Type 2.
Standard Ambient Temperature Operating Range: 39°F (4°C) to 104°F (40°C)
Optional Ambient Temperature Operating Range: 39°F (4°C) to 131°F (55°C) (See Remarks)

a = Voltage, Vdc	b = Voltage Input, Vac	c = Options
12 - 12 VDC	120 - 110-120V / 50-60Hz	
24 - 24 VDC	220 - 208-240V / 50-60Hz	

Note: *Both GPD and GPDFM models are FM Approved.*
Remarks:
a. Model GPD Series controllers require the installation of a NEMA rated filter fan to maintain the optional 131°F (55°C) maximum ambient temperature rating. This modification is only Approved when installed by the manufacturer.
b. When Model GPD Series controllers are equipped with EBCH1210T, EBCH2410T, 1BAT004 or 1BAT005 battery chargers, the installation of the NEMA rated filter fan is not required for a 131°F (55°C) maximum ambient temperature rating.
c. When Model GPD Series controllers are equipped with BCGNK150W12V, BC-15012, BCGNK300W24V or BC-30024 battery chargers, the installation of the NEMA rated filter fan is not required for a 131°F (55°C) maximum ambient temperature rating.

Model GPD(FM)

Description of Equipment:

Model GPD(FM)-a-b-c-BCE10-d Diesel Engine Fire Pump Controller, FM Approved Only
Standard Enclosure: NEMA/UL Type 2. Optional Enclosures: NEMA/UL Types 3, 3R, 4, 4X, 12
Standard Ambient Temperature Operating Range: 39°F (4°C) to 104°F (40°C)
Optional Ambient Temperature Operating Range: 39°F (4°C) to 131°F (55°C) (See Remarks)

a = **System Ground**	**b =** **Voltage, Vdc**	**c =** **Mounting Type**	**d =** **Voltage Input, Vac**

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N - Negative Ground P - Positive Ground	12 - 12 VDC 24 - 24 VDC	W - Wall Mounted F - Floor Mounted	110 - 110-120V / 50-60Hz 220 - 208-240V / 50-60Hz 240 - 208-240V / 50-60Hz

Note: *Both GPD and GPDFM models are FM Approved.*

Remarks:

a. Model GPD Series controllers require the installation of a NEMA rated filter fan to maintain the optional 131°F (55°C) maximum ambient temperature rating. This modification is only Approved when installed by the manufacturer.