

(1) **EU- Internal Production Control Certificate**  
(2) **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres**

**Directive 2014/34/EU**

(3) EU – Internal Production Control Certificate Number: **IEP 25 ATEX 1754X**

(4) Product: **F37 Series Filter Regulator**

(5) Firm Name: **Primoflo (Shanghai) Co., Ltd.**

(6) Firm Address: **Building No. 5, No. 108 Shuya Road, Songjiang District, Shanghai China 201600**

(7) This product and of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The IEP Uluslararası Enerji Petrol Gözetim , Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., notified body number 2284 in accordance with Article 17 of the Directive 2014/34/EU of European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex VIII (13.b.(ii)) to the Directive. The examination and test results are recorded in confidential Report Nr: IEP.Rp.Ex.10-3496 date 27.11.2025.

(9) Compliance with Essential Health and safety requirements has been assured by compliance with;

**EN ISO 80079-36:2016, EN ISO 80079-37:2016, EN ISO 80079-38:2016**

(10) If the sign “ X “ is placed after the certificate number, it indicates that the product is subject to Specified Conditions of Safe Use specified in the schedule to this certificate.

(11) This EU-Internal Production Control Certificate relates only to the design and construction of the specified product in accordance to the directive 2014/34/EU. Further requirements of the directive apply to the manufacturing process and supply of this product. These are not covered by this certificate. Validity date 10 year. If standard or product change, this certificate is invalid.

(12) The marking of the equipment or protective system shall include the following :



II 2G Ex h IIC T4 Gb  
II 2D Ex h IIIC T135°C Db  
I M2 Ex h I Mb

**Responsible Person:**

Nurettin Terzioglu  
Head of Certification Body



**Date of Issue : 28.11.2025**





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(13) Schedule

(14) Certificate Nr: **IEP 25 ATEX 1754X**

(15) Description of Equipment;

The F37 series filter regulator is designed to remove mechanical impurities, water condensate, and oil emulsions from compressed air, reduce and maintain air pressure at desired levels, prepare air for equipment such as plasma metal cutters. It generally consists of rotary handle, mounting bracket, rainproof component, pneumatic ports, plugs valve body and pressure gauge parts. Group categories I and II, Device category group 2GD and M2, Hazardous Areas 1 and 2 were also produced as mechanical equipment to be used in mines. Stainless steel and aluminum can be used for above ground. SS 316, SS 304 and SS 316L stainless steel is used for mining.

Components and materials used in F37 Series Filter Regulator are approved in 6 pages dated November 2025 and technical details are determined.

F37 Series Filter Regulator enclosure has been evaluated in the contents of IP 65.

F37 Series Filter Regulator are used in Zone 21, Zone 22 and mine that be used as dangerous areas determined in the EN 60079-10-2 standard.

## Technical Specifications of F37 Series Filter Regulator:

Product Name	Filter Regulator					
Product series	F37					
Model	F37- 14	F37- 14S	F37-38	F37- 12	F37- 34	F37- 11
DN	10			17		
Port size	1/4, 3/8, 1/2, 3/4, 1(NPT/G/Rc)					
Gage size	NPT1/8			NPT1/4		
Inlet pressure	20 bar Max					
Outlet pressure	0.5~8.3 bar (AL6061) / 0.5~10 bar, SS(316, 316L, 304)					
Media	Air / inert gas / gas					
Temperature	-40°C ~ 80 °C / -55 °C~90 °C					
Element	5µ/25µ/40µ					
Flow rate	1800L/min	400 L/min	2000 L/min	3800 L/min	4200 L/min	4800 L/min
Volume	360 cm <sup>3</sup>			1130 cm <sup>3</sup>		
Weight	1.2 kg			2.5 kg		

(IEP 25 ATEX 1754X) X means: Installation and maintenance must be carried out by an authorized person or authorized company in accordance with the user manual and relevant standards.

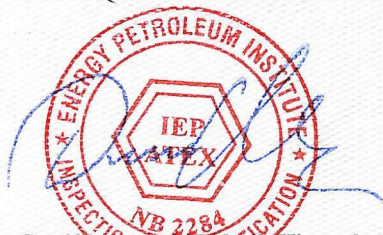
(16) Essential Health and Safety Requirements:

16.1 Are included in standards, which are mentioned in clause (9) of this certificate. The products were approved in accordance with above mentioned standards and manufacturer's instruction.

16.2 At the installation and the operation of the F37 Series Filter Regulator have to be observed manufacturer's manuals, 7 pages and PRM-QW-13-40 reference number.

Responsible Person :

Nurettin Terzioglu  
Head of Certification Body



IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyon Ticaret Limited Sirketi  
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(17) Schedule

(18) Certificate Nr: **IEP 25 ATEX 1754X**

(19) List of Documentation:

Risk assessment report 2 pages according to the ISO EN 80079-36,  
Finished product inspection test report, 1 page and 15.10.2024 dated.  
EAC report number is2581- NI-01, dated 12.09.2024.

Drawing No	Drawing Date
F37-1 Technic detail drawing	10.08.2024
F37-2 Technic detail drawing	10.08.2024
F37-3 Technic detail drawing	20.08.2024
F37-4 Technic detail drawing	20.08.2024
F37-5 Technic detail drawing	20.08.2024
F37-6 Technic detail drawing	20.08.2024
F37-7 Technic detail drawing	20.08.2024
F37-8 Technic detail drawing	20.08.2024
F37-1 Exploded drawing	10.08.2024
F37-2 Exploded drawing	10.08.2024
F37-3 Exploded drawing	20.08.2024
F37-4 Exploded drawing	20.08.2024
F37-5 Exploded drawing	20.08.2024
F37-6 Exploded drawing	20.08.2024
F37-7 Exploded drawing	20.08.2024
F37-8 (Detailed drawings)	20.08.2024

For the validity of analysis type certificate, the parts that are used in F37 Series Filter Regulator are determined separately in confirmed 5 pages dated November 2025 in technical file.

**Responsible Person:**

Nurettin Terzioglu  
Head of Certification Body



**Date of Issue : 28.11.2025**



**IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyon Ticaret Limited Sirketi**  
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