

(1) **EU-Type Examination Certificate**
(2) **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres**

Directive 2014/34/EU

(3) EU – Type Examination Certificate Number: **IEP 25 ATEX 1704X**

(4) Equipment: **P-FWA, D-FWA and Ç-FWA Series Axial Fan**

(5) Manufacturer: **HAVART İklimlendirme Limited Şirketi**

(6) Address: **Beşevler Mah. Yıldırım Cad. No:336A /1 Nilüfer - Bursa / TÜRKİYE**

(7) Production Location: **Pamucak OSB Mah. 2. Cad. No:14/1 Pazaryeri - Bilecik / TÜRKİYE**

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

(9) The IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Şti., 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 II to the Directive. The examination and test results are recorded in confidential Report Nr: IEP.Rp.Ex.10-3404 date 15.09.2025.

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

EN 14986:2017 , EN IEC 60079-0:2018 , EN ISO 80079-36:2016

(11) 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.

(12) This EU-Type Examination 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.

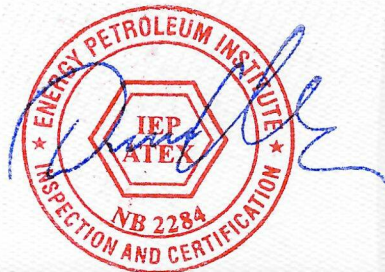
(13) The marking of the equipment or protective system shall include the following:



**II 2G Ex db or eb IIB T4 Gb / II 2G Ex h IIB T4 Gb
II 2D Ex tb IIIB T 120°C Db / II 2D Ex h IIIB T 120°C Db**

Responsible Person:

Nurettin Terzioglu
Head of Certification Body



Date of Issue: 18.09.2025





IEP ENERGY PETROLEUM INSTITUTE

(14) Schedule

(15) Certificate Nr: **IEP 25 ATEX 1704X**

(16) Description of Equipment:

Ç-FWA roof type, P-FWA and D-FWA wall mounted axial fans are single inlet. Fans are used for ventilation purposes. These devices are used for IIB gas and IIIB dust group explosive atmospheres. Cylindrical duct casing in S235JR steel, covering impeller (motor protrudes at rear). Rolled flanges at both ends. Dimensions and flange drillings to Explosion-proof execution according to ATEX. The mechanical and electrical parts list for Ç-FWA roof type, P-FWA and D-FWA wall mounted axial fans is dated 08.09.2025. Fans are used as external zone 1 or zone 21 that be used danger area determined in the EN 60079-10-1 and EN 60079-10-2 standard. Information's of assembled working of channel type fans with order related equipment's exist in instruction manual with 13 pages and dated 08.2025.

Technical Parameters:

Type	Capacity (m³/h)	Motor Power (kW)	Speed	Current (A)
Ç-FWA 280-EX	300 ~ 1500	0,04 ~ 0,37	750 ~ 3000	0.08 ~ 0.94
Ç-FWA 315-EX	600 ~ 4500	0,04 ~ 0,75	750 ~ 3000	0.08 ~ 1,90
Ç-FWA 355-EX	750 ~ 6500	0,04 ~ 1,1	750 ~ 3000	0.08 ~ 2.79
Ç-FWA 400-EX	800 ~ 9700	0,04 ~ 3	750 ~ 3000	0.08 ~ 5.67
Ç-FWA 450-EX	1250 ~ 14000	0.04 ~ 4.8	750 ~ 3000	0.08 ~ 9.07
Ç-FWA 500-EX	1800 ~ 19000	0.04 ~ 9	750 ~ 3000	0.08 ~ 17.01
Ç-FWA 560-EX	2500 ~ 28000	0.04 ~ 15	750 ~ 3000	0.08 ~ 28.35
Ç-FWA 630-EX	3000 ~ 37000	0.12 ~ 20	750 ~ 3000	0.23 ~ 37.80
Ç-FWA 710-EX	5000 ~ 30000	0.4 ~ 7	750 ~ 3000	0.76 ~ 13.23
Ç-FWA 800-EX	6000 ~ 40000	0.6 ~ 10	750 ~ 3000	1.13 ~ 18.90
Ç-FWA 900-EX	7000 ~ 55000	0.8 ~ 15	750 ~ 3000	1.51 ~ 28.35
Ç-FWA 1000-EX	7500 ~ 65000	1.4 ~ 25	750 ~ 3000	2.65 ~ 47.25
Ç-FWA 1120-EX	12000 ~ 110000	3 ~ 40	750 ~ 3000	5.67 ~ 75.60
Ç-FWA 1250-EX	15000 ~ 140000	4 ~ 60	750 ~ 3000	7.56 ~ 113.40
P-FWA 280-EX	300 ~ 1500	0,04 ~ 0,37	750 ~ 3000	0.08 ~ 0.94
P-FWA 315-EX	600 ~ 4500	0,04 ~ 0,75	750 ~ 3000	0.08 ~ 1,90
P-FWA 355-EX	750 ~ 6500	0,04 ~ 1,1	750 ~ 3000	0.08 ~ 2.79
P-FWA 400-EX	800 ~ 9700	0,04 ~ 3	750 ~ 3000	0.08 ~ 5.67
P-FWA 450-EX	1250 ~ 14000	0.04 ~ 4.8	750 ~ 3000	0.08 ~ 9.07
P-FWA 500-EX	1800 ~ 19000	0.04 ~ 9	750 ~ 3000	0.08 ~ 17.01
P-FWA 560-EX	2500 ~ 28000	0.04 ~ 15	750 ~ 3000	0.08 ~ 28.35
P-FWA 630-EX	3000 ~ 37000	0.12 ~ 20	750 ~ 3000	0.23 ~ 37.80
P-FWA 710-EX	5000 ~ 30000	0.4 ~ 7	750 ~ 3000	0.76 ~ 13.23
P-FWA 800-EX	6000 ~ 40000	0.6 ~ 10	750 ~ 3000	1.13 ~ 18.90
P-FWA 900-EX	7000 ~ 55000	0.8 ~ 15	750 ~ 3000	1.51 ~ 28.35
P-FWA 1000-EX	7500 ~ 65000	1.4 ~ 25	750 ~ 3000	2.65 ~ 47.25
P-FWA 1120-EX	12000 ~ 110000	3 ~ 40	750 ~ 3000	5.67 ~ 75.60
P-FWA 1250-EX	15000 ~ 140000	4 ~ 60	750 ~ 3000	7.56 ~ 113.40
D-FWA 400-EX	2200 ~ 3750	0.04 ~ 0.2	750 ~ 3000	0.08 ~ 5
D-FWA 450-EX	3500 ~ 6000	0.12 ~ 0.6	750 ~ 3000	0.23 ~ 1.13
D-FWA 500-EX	5000 ~ 8500	0.16 ~ 0.8	750 ~ 3000	0.30 ~ 1.51
D-FWA 600-EX	6000 ~ 12500	0.4 ~ 2	750 ~ 3000	0.76 ~ 3.78
D-FWA 700-EX	7200 ~ 16000	0.4 ~ 2	750 ~ 3000	0.76 ~ 3.78
D-FWA 800-EX	12500 ~ 26000	0.6 ~ 3	750 ~ 3000	1.13 ~ 5.67
D-FWA 900-EX	22000 ~ 40000	1.2 ~ 6	750 ~ 3000	2.27 ~ 11.34
D-FWA 1000-EX	28000 ~ 52000	1.6 ~ 8	750 ~ 3000	3.02 ~ 15.12

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) Certificate Nr: **IEP 25 ATEX 1704X**

(18) Special conditions for safe use;

The installation and the operation of the centrifugal fans have to confirm the relevant national regulations.

(19) Essential Health and Safety Requirements:

19.1 Are included in standards, which are mentioned in clause (10) of this certificate. The products were approved in accordance with above mentioned standards and manufacturer's instruction.

19.2 At the installation and the operation of the axial fans have to observe the manufacturer's manual 13 pages dated 08.2025.

19.3 (IEP 25 ATEX 1704X) X means: Periodic inspection and maintenance should be done by authorized personnel according to the user manual and related standards. Its assembly and revision must be done by authorized personnel.

(20) List of Documentation:

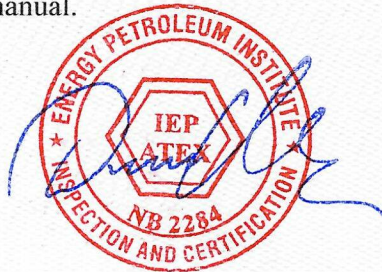
- ♦ Fans user manual : 13 pages, dated 08.2025
- ♦ Component Lists : Table1/2/3, dated 08.09.2025
- ♦ Risk assessment report : EN 14986:2017 / Annex E (06.09.2025)
- ♦ Drawings:

Drawing Nr;	Date;	Drawing Nr;	Date;
Ç-FWA-630-exploded	28.11.2024	KDTAF-600-0,75-4A- support1	28.11.2024
Ç-FWA-800-box base	28.11.2024	KDTAF-600-0,75-4A-support2	28.11.2024
Ç-FWA-800-mounting	28.11.2024	P-FWA-A800 mounting	05.09.2025
Ç-FWA-800-base1	28.11.2024	P-FWA-710 exploded	05.09.2025
Ç-FWA-800-base2	28.11.2024	P-FWA-800 support1	05.09.2025
Ç-FWA-800-head	28.11.2024	P-FWA-800 box base	05.09.2025
Ç-FWA-800-base panel	28.11.2024	P-FWA-800 base 1	05.09.2025
KDTAF-600-0,75-4A-body	28.11.2024	P-FWA-800 base2	05.09.2025
KDTAF-600-0,75-4A-mounting	28.11.2024		

The validity of analysis type certificate, the parts that are used in centrifugal fan is determined in confirmed the list of equipment's table1/2/3 date 08.09.2025. Installation and maintenance should be done by authorized personnel according to the standard and manual.

Responsible Person:

Nurettin Terzioglu
Head of Certification Body



Date of Issue : 18.09.2025

