

Supplement No: 03

(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 13 ATEX 0152 U**

(4) Product: **Automatic Nozzle Type AILE A2101-11A/11AP, AILE 120L/LP, AILE ZYQ-13A/AP and ZYQ-13A2, ZYQ-13AP2**

(5) Firm Name: **Shanghai AILE Petroleum Equipment Mfg. Co. Ltd.**

(6) Firm Address: **No:888 Chengliu Mid Rd. Jiading District Shanghai - CHINA**

(7) This product any 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 II to the Directive. The examination and test results are recorded in confidential Report Nr: IEP.Rp.Ex.10-506-3 date 04.05.2020.

(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 13012: 2012

(10) The sign ‘U’ is placed after the certificate number to indicate that the product assessed is a component and may be subject to further assessment when incorporated into equipment. Any limitations of use are listed in the schedule to this certificate.

(11) 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.

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



**II 1 G Ex hc IIA
EN 13012**

Ta= -20 °C to +55 °C (All Nozzle Variants except Low Temperature “LT” variant)

Ta= -40 °C to +55 °C (Low Temperature “LT” variant)

Responsible Person :

Nurettin Terzioglu
Head of Certification Body



Supplement Date of Issue : 06.05.2020





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(13) Schedule

(14) Certificate Nr: **IEP 13 ATEX 0152 U**

(15) Description of Equipment;

Automatic Nozzle is mounted on dispensing machine in fueling station. There are not vapor recovery system in the automatic nozzles It will be closed automatically to prevent leakage when the vehicle vessel is full. The nozzle with position control device to be closed or not to be opened when outlet port is upward or in other abnormal positions.

- Automatic Nozzle mounting manual date 01.02.2013New version 01.10.2019 [3 pages]
- Material sheet and composition of aluminum-alloy EN 755-2,
- Spring , flake , piston ring and slit pin made of steel,
- Material sheet of sealing type NBR 70,
- Material sheet of sealing type FKM 70.

Technical Specifications:

Nozzle Type AILE	A2101-11A/11AP	120L/LP	ZYQ-13A/AP	ZYQ-13A2/13AP2
Flow rate Max L / Min ⁻¹	(60/50) Lt / Min ⁻¹	(120/105)Lt / Min ⁻¹	(60/50) Lt / Min ⁻¹	(60/50) Lt / Min ⁻¹
Work Pressure Min / Max	0,5 / 3,5 Bar			
Ambient temperature °C	- 25 ; + 55 °C			
Connection thread	G3/4, BSP3/4, NPT3/4	G1 , BSP1 , NPT1	M34x1,5	M34x1,5

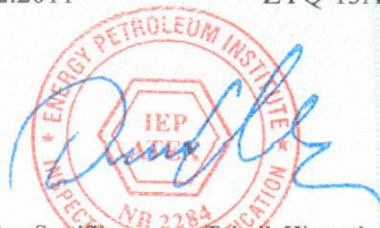
IEP 13 ATEX 0152 U) U means: Nozzle is a component. It is used with dispenser.

(16) Drawings:

Drawing Nr;	Date;	Drawing Nr;	Date;
ZYQ-13A-J	05.12.2011	ZYQ-13A-07-04	05.12.2011
ZYQ-13A-W	05.12.2011	ZYQ-13A-08	05.12.2011
ZYQ-13A-B	05.12.2011	ZYQ-13A-08-01	05.12.2011
ZYQ-13AP	05.12.2011	ZYQ-13A-08-02	05.12.2011
ZYQ-13A	05.12.2011	ZYQ-13A-08-03	05.12.2011
ZYQ-13A-01	05.12.2011	ZYQ-13A-08-04	05.12.2011
ZYQ-13A-02	05.12.2011	ZYQ-13A-08-05	05.12.2011
ZYQ-13AP-01	05.12.2011	ZYQ-13A-08-06	05.12.2011
ZYQ-13AP-02	05.12.2011	ZYQ-13A-08-07	05.12.2011
ZYQ-13AP-02	05.12.2011	ZYQ-13A-08-08	05.12.2011
ZYQ-13AP-01	05.12.2011	ZYQ-13A-08-09	05.12.2011
ZYQ-13A-03	05.12.2011	ZYQ-13A-09-01	05.12.2011
ZYQ-13A-04	05.12.2011	ZYQ-13A-09-02	05.12.2011
ZYQ-13A-05	05.12.2011	ZYQ-13A-09-03	05.12.2011
ZYQ-13A-06	05.12.2011	ZYQ-13A-09-04	05.12.2011
ZYQ-13A.07	05.12.2011	ZYQ-13A-09-05	05.12.2011
ZYQ-13A.07-01	05.12.2011	ZYQ-13A-10	05.12.2011
ZYQ-13A.07-02	05.12.2011	ZYQ-13A-11	05.12.2011
ZYQ-13A-07-03	05.12.2011	ZYQ-13A-12	05.12.2011

Responsible Person :

Nurettin Terzioglu
Head of Certification Body





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(17) Certificate Nr: IEP 13 ATEX 0152 U

(18) Drawings:

Drawing Nr;	Date;	Drawing Nr;	Date;
ZYQ-13A-13	05.12.2011	Z1131.02	18.01.2012
ZYQ-13A.13-01	05.12.2011	1-16	18.01.2012
ZYQ-13A-13.01-01	05.12.2011	1-17	18.01.2012
ZYQ-13A-13-02	05.12.2011	1-18	18.01.2012
ZYQ-13A-13-03	05.12.2011	1-19	18.01.2012
ZYQ-13A-15	05.12.2011	1-20	18.01.2012
ZYQ-13A-16	05.12.2011	1-21	18.01.2012
ZYQ-13A-17	05.12.2011	1-22	18.01.2012
ZYQ-13A.17-01	05.12.2011	1-23	18.01.2012
ZYQ-13A.17-02	05.12.2011	1-24	18.01.2012
ZYQ-13A.17-03	05.12.2011	1-25	18.01.2012
ZYQ-13A.17-04	05.12.2011	1-26	18.01.2012
ZYQ-13A.17-05	05.12.2011	1-27	18.01.2012
ZYQ-13A.18	05.12.2011	1-28	18.01.2012
ZYQ-13A.19	05.12.2011	Z1131.06	18.01.2012
ZYQ-13A.22	05.12.2011	1-29	18.01.2012
ZYQ-13A.21	05.12.2011	1-30	18.01.2012
ZYQ-13A.20	05.12.2011	1-31	18.01.2012
120L-J	05.12.2011	1-32	18.01.2012
120L-B	05.12.2011	1-33	18.01.2012
120L-W	05.12.2011	1-34	18.01.2012
120L	18.01.2012	Z1131.03	18.01.2012
120LP	18.01.2012	1-34	18.01.2012
Z1131.01	18.01.2012	1-35	18.01.2012
Z1134.01	18.01.2012	1-36	18.01.2012
9YZ0304	18.01.2012	Z1131.04	18.01.2012
1-01	18.01.2012	1-38	18.01.2012
1-02	18.01.2012	1-39	18.01.2012
1-03	18.01.2012	1-40	18.01.2012
9YZ0324	18.01.2012	1-41	18.01.2012
1-04	18.01.2012	Z1131.03	18.01.2012
1-05	18.01.2012	1-42	18.01.2012
1-06	18.01.2012	1-43	18.01.2012
1-07	18.01.2012	1-44	18.01.2012
1-08	18.01.2012	120L	18.01.2012
1-09	18.01.2012	1-45	18.01.2012
1-10	18.01.2012	1-46	18.01.2012
1-11	18.01.2012	1-47	18.01.2012
1-12	18.01.2012	1-48	18.01.2012
1-13	18.01.2012	A2101-11A-J	18.01.2012
1-14	18.01.2012	A2101-11A-B	18.01.2012
1-15	18.01.2012	A2101-11A-W	18.01.2012

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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(19) Certificate Nr: IEP 13 ATEX 0152 U

(20) Drawings:

Drawing Nr;	Date;	Drawing Nr;	Date;
A2101-11A-B	22.02.2011	23	22.02.2011
A2101-11A-W	22.02.2011	24	22.02.2011
A2101-11A	22.02.2011	Z1111.02	22.02.2011
A2101-11AP	22.02.2011	25	22.02.2011
Z1111.01	22.02.2011	26	22.02.2011
Z1112.01	22.02.2011	27	22.02.2011
9YZ0304	22.02.2011	Z1111.03	22.02.2011
01	22.02.2011	28	22.02.2011
02	22.02.2011	29	22.02.2011
03	22.02.2011	30	22.02.2011
04	22.02.2011	31	22.02.2011
05	22.02.2011	32	22.02.2011
06	22.02.2011	33	22.02.2011
07	22.02.2011	34	22.02.2011
08	22.02.2011	35	22.02.2011
09	22.02.2011	Z1111.04	22.02.2011
10	22.02.2011	36	22.02.2011
11	22.02.2011	37	22.02.2011
9YZ0305	22.02.2011	38	22.02.2011
12	22.02.2011	39	22.02.2011
13	22.02.2011	40	22.02.2011
14	22.02.2011	41	22.02.2011
15	22.02.2011	42	22.02.2011
16	22.02.2011	Z1111.05	22.02.2011
17	22.02.2011	43	22.02.2011
18	22.02.2011	44	22.02.2011
19	22.02.2011	45	22.02.2011
20	22.02.2011	46	22.02.2011
21	22.02.2011	47	22.02.2011
22	22.02.2011	48	22.02.2011
49	22.02.2011	ZYQ-13A- 17-01	01.10.2019
50	22.02.2011	ZYQ-13A- 16	01.10.2019
ZYQ-13A2	01.10.2019	ZYQ-13A- 16	01.10.2019
ZYQ-13A2-J	01.10.2019	ZYQ-13A- 16	01.10.2019
ZYQ-13A2-B	01.10.2019	ZYQ-13A- 19	01.10.2019
ZYQ-13A2	01.10.2019	ZYQ-13A- 22	01.10.2019
ZYQ-13AP2	01.10.2019	ZYQ200A- 04-04	01.10.2019
ZYQ-13AP2-J	01.10.2019	ZYQ200A- 05	01.10.2019
ZYQ-13AP2	01.10.2019	ZYQ200A- 05-01	01.10.2019
ZYQ-13AP2-02	01.10.2019	ZYQ200A- 05-02	01.10.2019
ZYQ-13AP2-03	01.10.2019	ZYQ200A- 05-04	01.10.2019

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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(21) Certificate Nr: **IEP 13 ATEX 0152 U**

(22) Drawings:

Drawing Nr;	Date;	Drawing Nr;	Date;
ZYQ-13AP2-05	01.10.2019	ZYQ200A2-12	01.10.2019
ZYQ-13A2-01	01.10.2019	ZYQ200A2-12-01	01.10.2019
ZYQ-13A2-01	01.10.2019	ZYQ200A2-12-02	01.10.2019
ZYQ-13A2-01	01.10.2019	ZYQ200A- 11	01.10.2019
ZYQ-13A2-01-01	01.10.2019	ZYQ200A- 12	01.10.2019
ZYQ-13A2-01-01	01.10.2019	ZYQ200BA2 – 03	01.10.2019
ZYQ-13A2-01-01	01.10.2019	ZYQ200BA2 – 03-01	01.10.2019
ZYQ-13AP2-01	01.10.2019	ZYQ200BA2 – 03-02	01.10.2019
ZYQ-13AP2-01	01.10.2019	ZYQ200BA2 – 03-03	01.10.2019
ZYQ-13AP2-01	01.10.2019	ZYQ200BA2 – 03-04	01.10.2019
ZYQ-13AP2-01	01.10.2019	ZYQ200BA2 – 03-05	01.10.2019
ZYQ-13AP2-01	01.10.2019	ZYQ200BA2 – 03-06	01.10.2019
ZYQ-13AP2-01-01	01.10.2019	ZYQ200BA2 – 03-07	01.10.2019
ZYQ-13AP2-01-01	01.10.2019	ZYQ200BA2 – 04	01.10.2019
ZYQ-13AP2-01-03	01.10.2019	ZYQ200BA2 – 04-03	01.10.2019
ZYQ-13AP2-01-01	01.10.2019	ZYQ200BA2 – 09	01.10.2019
ZYQ-13AP2-01-01	01.10.2019	ZYQ200BA2 – 04-01	01.10.2019
36S-8-00	01.10.2019	ZYQ200BA2 – 04-01-01	01.10.2019
ZYQ-13A- 08-02	01.10.2019	ZYQ200BA2 – 04-01-01	01.10.2019
ZYQ-13A- 08-03	01.10.2019	ZYQ200BA2 – 04-01-03	01.10.2019
ZYQ-13A- 08-05	01.10.2019	ZYQ-13A- 08-08	01.10.2019
ZYQ-13A- 08-07	01.10.2019	ZYQ-13A- 08-09	01.10.2019

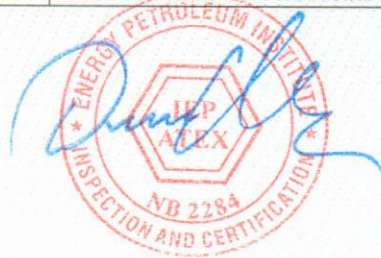
(25) Automatic Nozzles Type AILE A2101-11A/11AP, 120L/LP, ZYQ-13A/AP, ZYQ-13A2, ZYQ-13AP2 are indicated in the piece list and date. (A2101-11-A-B / 22.02.2011 , 120-L-B / 18.01.2012 , ZYQ-13A-B , 05.12.2011) and ZYQ-13A2, ZYQ-13AP2 dated 01.10.2019. This certificate is in the contents of standards that mentioned in item [9] It has been accepted that Automatic Nozzles Type AILE A2101-11A/11AP , 120L/LP, ZYQ-13A/AP and ZYQ-13A2, ZYQ-13AP2 are manufactured according to the producer instructions and the standards mentioned above.

Certificate History:

Supplement N°	Issue Date	Summary Description of Variation
03	06.05.2020	New types :ZYQ-13A2, ZYQ-13AP2 New type addition and standard change
02	12.01.2018	Upgrade to ATEX directive 2014/34/EU
01	26.08.2014	Revision
00	08.07.2013	First issue of certificate

Responsible Person :

Nurettin Terzioğlu
Head of Certification Body



Supplement Date of Issue : 06.05.2020

