

Supplement Nr: 1**(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 16 ATEX 0342X****(4) Product: TC-X Type, Pneumatic Tank Cleaning Machine****(5) Firm Name: TORA Petrol Ürünleri Mühendislik Elektrik Elektronik San. Tic. A.Ş.****(6) Firm Address: 15 Temmuz Mah. 1468. Sok. No: 5 Güneşli İSTANBUL – TURKEY****(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.10-937-1 date 12.03.2021.****(9) Compliance with Essential Health and safety requirements has been assured by compliance with ;****EN ISO 80079-36:2016, EN ISO 80079-37:2016****(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-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 ½G Ex h IIA T6 Ga/Gb****Responsible Person :**Nurettin Terzioglu
Head of Certification Body**Supplement Nr 1 Date of issue : 16.03.2021**



(13) Schedule

(14) Certificate Nr : **IEP 16 ATEX 0342X**

(15) Description of Equipment:

TC-X Type Pneumatic tank cleaning machine, diaphragm pump, filter, valve, pressure gauge, consists of the connecting parts. This machine is used for to cleaning the fuel tanks. (Benzine, Fuel-oil and so on)

This machine is pneumatic system. This system works with air diaphragm pump. There are four filter in the machine. Cleaning the internal pressure is 2 bar max. Air inlet pressure max 4 bar.

TC-X Type tank cleaning machine is used as 1 and 2 that be used danger area determined in the EN 60079-10-1 standard.

User manually and service information are available at User manual 15 page and January 2020.

Technical Parameters:

	TC&FPS	TC&WPS	TCM
Fuel Pressure(Max)	2 bar	2 bar	2 bar
Air Inlet Pressure(Max)	4 bar	4 bar	4 bar
Transfer Inlet	1"	1"	1"
Transfer Outlet	1"	1"	1"
Transfer Flow	30 l/min ⁻¹	30 l/min ⁻¹	30 l/min ⁻¹
Fuel Inlet	3/4"	3/4"	3/4"
Separate Output	3/4"	3/4"	3/4"
Separation Flow	16 L/min ⁻¹	25 L/min ⁻¹	30 L/min ⁻¹
Filter Sensitivity	5 micron	30 micron	50 micron
Operating Temperature	-10 °C ~ +60 °C		

(IEP 16 ATEX 0342X)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. In case of revision, it should be re-evaluated.

(16) Special conditions for safe use: The installation and the operation of the TC-X Type tank cleaning machine have to confirm to the relevant national regulations.

(17) Essential Health and Safety Requirements : This certificate is included in the standards specified in item (9). The products were approved in accordance with above mentioned standards and manufacturer's instruction.

Responsible Person :

Nurettin Terzioğlu
Head of Certification Body



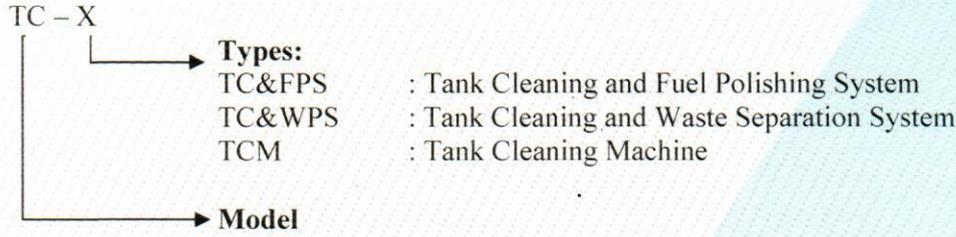


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(18) Schedule

(19) Certificate Nr : IEP 16 ATEX 0342X

(20) Product Code System:



(21) List of Drawings:

Drawing Number;	Date;
YT-03	14.03.2016
100.01.000	14.03.2016
100.01.001	14.03.2016
100.04.001	14.03.2016
100.01.002	14.03.2016
100.03.000	14.03.2016
YT-03	14.03.2016
YT-03	14.03.2016
YT-03	14.03.2016
TC&FPS - 12	17.11.2020
TC&WPS - 13	17.11.2020
TCM - 14	17.11.2020
TT&A - 15	17.11.2020

Parts that are used in TC-X Type tank cleaning machine is indicated in the unit and technical specifications part list item Nr 2.5, dated 14.03.2020.

Certificate History:

Supplement Nr	Supplement Date	Summary Description of Variation
01	16.03.2021	New model additions, Standard changes, Upgrade to ATEX directive 2014/34/EU
00	15.04.2016	First issue of certificate

Responsible Person :
Nurettin Terzioglu
Head of Certification Body



Supplement Nr 1 Date of issue : 16.03.2021

