



[ 1 ]

**Supplement No:1  
EC-Type Examination Certificate**

[ 2 ] **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres**

**Directive 94/9/EC**

[ 3 ] EC – Type Examination Certificate Number : **IEP 13 ATEX 0137**

[ 4 ] Equipment : **Safe Breaks Type AILE BC-YC (3/4” – 1”)**

[ 5 ] Manufacturer : **Shanghai AILE Petroleum Equipment Mfg. Co. Ltd.**

[ 6 ] Address : **No:888 Chengliu Mid Rd. Jiading District Shanghai - CHINA**

[ 7 ] This equipment or protective system and any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[ 8 ] The IEP Uluslar Arası Enerji Petrol Gözetim , Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti. , notified body number 2284 in accordance with of the Council Directive 94/9/EC of 23 March 1994 certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in confidential Report N : IEP - RP.Ex - 10. 487-1 date 21.08.2014

[ 9 ] Compliance with Essential Health and safety requirements has been assured by compliance with ;

**EN 13463-1:2009 , EN 13463-5 :2011 , EN 13617-2:2012**

[10 ] If the sign “ X “ is placed after the certificate number , it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

[ 11 ] This EC-Type Examination Certificate relates only to the design examination and testing of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

[ 12 ] The marking of the equipment or protective system shall include the following :

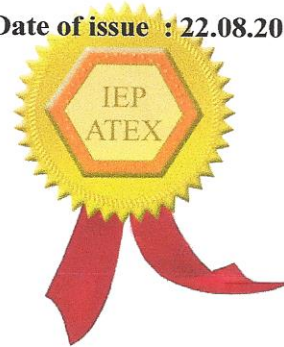


**II 1/2G c IIA T5**

**Responsible person :**

Nurettin Terzioğlu  
Head of certification body

**Date of issue : 22.08.2014**





[ 13 ] Report Nr : IEP - RP.Ex -10. 487-1

Report Date : 21.08.2014

[ 14 ] Description of Equipment Protective System

Safe breaks Type AILE BC-YC (3/4" – 1") used only liquid lines are made for the safe separation equipment. Safe breaks Type AILE BC-YC (3/4" – 1") body made from Al-alloy according to AlSiMgMn , EN 755-2 standard . Safe breaks Type AILE BC-YC (3/4" – 1") are intended for minimizing of fuel spillage and to stop fuel flow achieved by separation between nozzle and metering pump or dispenser of liquid fuel in to tank of motor vehicles , boats and light panes at flow up to 200 Lt.Min<sup>-1</sup> by defined range of separation forces 800-1500 Nt. Safe break type 1 ( Constructed for liquid lines only ) in sense of EN 13617-2 made from Al-Alloy are provide with connecting theread 3/4" and 1" type BSP or NPT . Safe breaks Type AILE BC-YC (3/4" – 1") mounting manual date 01.02.2013 [ 2 pages ]

Material sheet and composition of aluminium-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 :

Product Type : AILE BC-YC (3/4" – 1")

Size : (3/4" – 1")

Standart type : Type 1

Inlet and outlet dimension for 3/4" : 12,5mm / 11,5 mm ; 18,0mm / 17,0mm

Inlet and outlet dimension for 1" : 15,5mm / 14,0 mm ; 18,0mm / 17,0mm

Separation force : 800 Nt - 1500 Nt (For fuel dispensers 800Nt – 1200 Nt)

Ambient temperature Ta : ( - 25 ; + 55 ) °C

[ 15 ] Safe breaks Type AILE BC-YC 1" and 3/4" are indicated in the first piece list date 22.02.2012 And secant piece list date 10.12.2011 This certificate is in the contents of standarts that mentioned in item

[ 9 ] It has been accepted that Safe breaks Type AILE BC-YC (3/4" – 1") are manufactured according to the producer instructions and the standards mentioned above.

[ 16 ] To was examined the due for the standard change.

Responsible person :

Nurettin Terzioğlu  
Head of certification body



Date of issue : 22.08.2014

IEP Uluslar Arası Enerji Petrol Gözetim , Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti.  
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