

Supplement Nr: 01**EU-Type Examination Certificate**

(1)

(2) **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres****Directive 2014/34/EU**(3) EU – Type Examination Certificate Number: **IEP 23 ATEX 1181U**(4) Product: **GZD Series, Safety Rotary Breakaway**

Types: **GZD 50 / GZD 80-600 type 1 M34x1,5 and R 1" F thread**
GZD 50 / GZD 80-650 type 1 M34x1,5 and R 3/4" F thread
GZD 670 type 1 R 3/4" MF/FF thread
GZD 690 type 1 R 1" MF/FF thread

(5) Firm Name: **Noztech Petrol Ekipmanları Teknoloji Sanayi ve Tic. A.Ş.**(6) Firm Address: **Büyük kayacık OSB Mah. T.Ziyaeddin Akbulut Cad. No:22/1**
Selçuklu - Konya / TÜRKİYE

(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.10-2424-1 date 06.10.2023

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

EN 13617-2:2021

(10) If the sign “ U “ 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. Symbol used to denote an Ex component.

(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 1G**
EN 13617-2

Responsible Person :
Nurettin Terzioğlu
Head of Certification Body

**Supplement 01 Date of Issue : 10.10.2023**



IEP ENERGY PETROLEUM INSTITUTE

(13) Certificate Nr: **IEP 23 ATEX 1181U**

(14) Description of Equipment: The GZD series safety rotary breakaway is a self-sealing reusable breakaway coupling designed to protect dispenser, hose assembly and car against damage which can occur by drive-off incidents. GZD series safety rotary breakaway used only liquid lines are made for the safe separation equipment. Safe rotary breakaway body made from Al-alloy according to AlMg1SiCu, EN 573-3 standard. The connecting thread is made of 430F stainless steel. GZD 50/GZD 80-600 type 1 breakaway has M34x1,5 and R 1" F thread, GZD 50/GZD 80-650 type 1 breakaway has M34x1,5 and R 3/4" F thread, GZD 670 type 1 breakaway has R 3/4" MF/FF thread, GZD 690 type 1 breakaway has R 1" MF/FF thread system. It can give fuel up to 80 lt / min at the maximum pressure specified through and by defined range of separation forces 800-1500 Nt. Safety rotary breakaway chaplin has been evaluated within the scope of type 1 according to the standard. Safety rotary breakaway mounting manual date August 2023 and 4 pages.

- Material sheet and composition of aluminum-alloy EN 573-3
- Spring, flake , piston ring and slit pin made of steel
- Material sheet of sealing type viton and delrin

Technical Specifications;

Max. Operating Temperature	+55°C
Min. Operating Temperature	-40°C
Test Trial Pressure	3,5bar
Max. Flow	80lt/dk
Min. Breaking Value	800N
Max. Breaking Value	1500N
Nominal Diameter	3/4 " - 1"
Material Structure	Aluminum / Steel
Conductivity	X <10 ⁵ Ω

(IEP 23 ATEX 1181U) U Means: Type 1 safety rotary breakaway are a component equipment. Not used alone. Used in dispensers. It must be installed according to the instruction manual. Symbol used to denote an Ex component.

(15) Drawings:

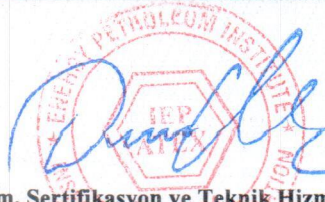
Drawing Nr;	Date;	Drawing Nr;	Date;
MPS1100000650 (10 pages) 3/4"	13.01.2023	MPS1100000670 (9 pages) 3/4"	18.08.2023
MPS1100000600 (10 pages) 1"	13.01.2023	MPS1100000690 (10 pages) 1"	18.08.2023
MPS1100000670-1 (8 pages) 3/4"	18.08.2023	MPS1100000690-1 (8 pages) 1"	18.08.2023
MPS1100000650 (9 pages) 3/4"	18.08.2023		

(16) The GZD series safety rotary breakaway parts are indicated in the piece list date 18.08.2023 and one page. This certificate is in the contents of standards that mentioned in item. [9] It has been accepted that GZD series safety rotary breakaway are manufactured according to the procedure instructions and the standards mentioned above.

Certificate History:

Supplement Nr.	Issue Date	Summary Description of Variation
01	10.10.2023	Scope Addition (GZD 50 / GZD 80-650 type 1, GDZ R3/4" MF 670 Type 1, GDZ R3/4" FF 670 Type 1, GDZ R1" MF 690 Type 1, GDZ R1" FF 690 Type 1)
00	20.03.2023	First issue of certificate

Responsible Person :
Nurettin Terzioglu
Head of Certification Body



Supplement 01 Date of Issue : 10.10.2023



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