

(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 23 ATEX 1180U**

(4) Product: **GZD VR300 Type 2** Vapor safety rotary breakaway

(5) Firm Name: **Noztech Petrol Ekipmanları Teknoloji Sanayi ve Tic. A.Ş.**

(6) Firm Address: **Büyükkayacık OSB Mah. T.Ziyaeddin Akbulut Cad. No:22/1 Selçuklu/Konya**

(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.10-2411 date 14.03.2023

(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 1 G
EN 13617-2

Responsible Person :

Nurettin Terzioglu
Head of Certification Body



Date of Issue : 20.03.2023





IEP ENERGY PETROLEUM INSTITUTE

(13) Certificate Nr: **IEP 23 ATEX 1180U**

(14) Description of Equipment: GZD VR300 Type 2 Vapor 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 VR300 Type 2 Vapor safety rotary breakaway used only liquid lines are made for the safe separation equipment and to used in steam vapor fuel dispensers. Vapor 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 VR300 type 2 breakaway has M34x1,5 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 2 according to the standard. Vapor safety rotary breakaway mounting manual date January 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	34 x 1,5
Material Structure	Aluminum / Steel
Conductivity	X <10 ⁵ Ω

(IEP 23 ATEX 1180U) U Means: Type 2 vapor 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;

MPS1100000300 (11 pages) 34x1,5

13.01.2023

(16) The GZD VR300 type 2 vapor safety rotary breakaway parts are indicated in the piece list date 13.01.2023 and one page. This certificate is in the contents of standards that mentioned in item. [9] It has been accepted that GZD VR300 type 2 vapor safety rotary breakaway are manufactured according to the procedure instructions and the standards mentioned above.

Responsible Person:

Nurettin Terzioğlu
Head of Certification Body



Date of Issue : 20.03.2023



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