

(1) **EU TECHNICAL FILE RECEIPT**  
**Internal Production Control Procedure**

(2) **Receipt of document regarding equipment for use in Potentially Explosive Atmospheres**  
**Directive 2014/34/EU**

(3) Technical File Number: **FN.EX.30001/ IEP16ATEX0418X**

Dated: **30.04.2018**

(4) Product: **Ball and Piston Valves**

*This document applies for Nonelectrical Equipment intended use in potentially explosive atmospheres.*

(5) Firm Name: **YAKACIK Valf Sanayi ve Ticaret A.Ş.**

(6) Firm Address: **Deri OSB Tabak sokak No: 4 N7-2 Özel parsel 34956 Tuzla İstanbul – TURKEY**

(7) IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti, in accordance with Article 17 of the Directive 2014/34/EU confirm the receipt of documents regarding equipment intended for use in potentially explosive atmosphere, as required by article 13.1.b.ii and Annex II of the same directive.

(8) Classification: **Zone 1 & Group II & Category 2 non Electrical Equipment**

(9) IEP does not make any kind of check on the completeness and correctness of the documents forming the Technical File. IEP holds the Technical File for at least ten years from the date of the last manufactured apparatus. In case of lack of a written acknowledgement from the manufacturer about the intention of maintaining the Technical File deposit, IEP will hold the TECHNICAL FILE in Its archives for 10 years, starting from the date this receipt is issued. This receipt can be reproduced only entirely and with no change.

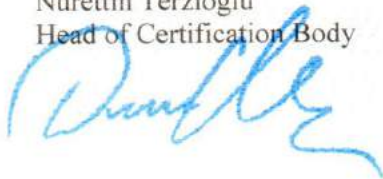
**First publication date** : 15.04.2016

**Date of current** : 11.05.2018

**Last date of retention** : 14.04.2026

**Responsible Person :**

Nurettin Terzioglu  
Head of Certification Body





# IEP ENERGY PETROLEUM INSTITUTE

(10) Schedule

(11) Description of Equipment;

Ball Valves are industrial mechanic equipments. Ball Valves is used to open or cut off the flow adjustment of liquid flow. Ball valves are working with a system except for manpower. These system actuators, pneumatic, hydraulic, etc. are systematically driven. Piston valves can be used to control the flow of almost all kinds of fluids. Valve body material may be cast iron, ductile iron, cast steel and stainless steel with appropriate sealing rings. Piston Valves have two important components: fine ground cylindrical piston made of stainless steel and elastic valve rings.

## Technical specifications of Valves;

	Series	Specifications	Dimensions
Ball Valves	YHI	Full Flow - Flanged	DN 15 ~ 400
		Reduced Bore - Flanged	DN 15/10 ~ 350/300
		Case Type - Reduced Bore - Flanged	DN 65/50 ~ 100/80
	YHS	Full Flow - Welded	2" ~ 4"
YHMI	Full Flow - with socket	1/4" ~ 3"	
	Reduced Bore - Threaded	1/2"/DN 10 ~ 2 1/2"/DN 50	
Piston Valves	YVN	Full Flow - Flanged	DN 15 ~ 50
	YVMN	Full Flow - Threaded	1/2" ~ 2"
	YVSN	Full Flow - with socket	1/2" ~ 2"
	YVNB	Full Flow - Flanged	DN 65 ~ 200

Drawings and other documents;

<u>Topic:</u>	<u>Explanation:</u>	<u>File section:</u>	<u>Total page:</u>
Drawings	General drawings	Appendix 2	5 pages
Documents	Parts specifications	Appendix 4	18 pages
Drawings	Actuator connection	Appendix 5	2 pages
Drawings	Parts drawings	Appendix 5	21 pages
Drawings	Parts drawings (body)	Appendix 5	8 pages
Documents	Installation manual	Appendix 6	6 pages
Drawings	Exploded picture	Appendix 2	8 pages

## Certificate History

Supplement N°	Supplement Date	Summary Description of Variation
01	11.05.2018	Upgrade to ATEX directive 2014/34/EU New model addition: Piston valves
00	15.04.2016	First issue of certificate

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**Date of Issue:** 11.05.2018

