

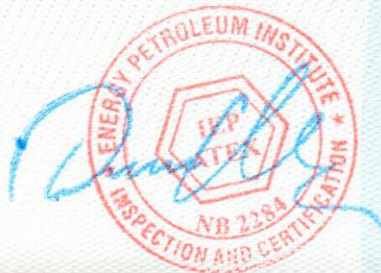
- (1) **EU TECHNICAL FILE RECEIPT**
Internal Production Control Procedure
- (2) **Receipt of document regarding equipment for use in Potentially Explosive Atmospheres**
Directive 2014/34/EU
- (3) Technical File Number: **FN.EX.30013**
Application Dated / Number: **21.09.2020 / 2796**
- (4) Product: **PEAR04 Type, High Pressure Regulator**
This document applies for Nonelectrical Equipment intended use in potentially explosive atmospheres.
- (5) Firm Name: **Vastaş Valf Armatür Sanayi Ticaret A.Ş.**
- (6) Firm Address: **Organize Sanayi Bölgesi 2. Cad. No: 20-22 Çerkezköy/ Tekirdağ, 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: **Group II & Category 2 ; Non Electrical Equipment (II 2G Ex h IIC Tx Gb)**
- (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) 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 : 16.11.2020

Last date of retention : 15.11.2030

Responsible Person :

Nurettin Terzioglu
Head of Certification Body





(11) Schedule

(12) Description of Equipment:

High pressure regulator is a spring loaded regulator to provide control of downstream pressure. Balanced valve design provides stable outlet pressure against varying inlet pressure. It is suitable for both hydraulic and gas applications. High pressure regulators are industrial mechanic equipments.

Technical specifications;

Type	: PEAR04
Ambient temperature	: -30 °C ~ +80 °C
Max. supply	: 25 MPa (250 Barg)
Adjust range	: 0 to 0,85 MPa (0 to 8,5 Barg)

(13) Essential Health and Safety Requirements:

13.1 Are included in standards, which are mentioned in clause (9) of this certificate. The products were approved in accordance with above mentioned standards and manufacturer's instruction.

13.2 At the installation and the operation of the high pressure regulators have to be observed manufacturer's manuals.

(14) List of Documentation:

- ♦ Mounting Pictures and Technical Drawings : Part – 4.1/ 2 9 pages
- ♦ Component Lists : Part – 5.1 dated 15.10.2020
- ♦ Certificates and Test Reports : Part – 5.2 10 pages
- ♦ Drawings:

Drawing No	Drawing Date
PEAR04-24875-00-20R0	19.10.2020
PEAR04-24875-01-20R0	19.10.2020
PEAR04-24875-02-20R0	19.10.2020
PEAR04-24875-03-20R0	19.10.2020
PEAR04-24875-04-20R0	19.10.2020
PEAR04-24875-05-20R0	19.10.2020
PEAR04-24875-06-20R0	19.10.2020
PEAR04-24875-07-20R0	19.10.2020
PEAR04-24875-08-20R0	19.10.2020

For the validity certificate, the parts that are used in high pressure regulators are determined separately in confirmed part list in technical file.

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Head of Certification Body





IEP ENERGY PETROLEUM INSTITUTE

(15) Schedule and Technical File Number Nr: **FN.EX.30013**

(16) Product Coding System

PEAR 04 - L 25 P 08 N A N K R Y 8G N 0

Basic Series	Substitute
01	01
02	02
03	03
04	04
...	...

Materials	Substitute
Brass	B
Aluminium	L
AISI 316	S
Alloy - 22	A

Max Inlet Pressure	Substitute
20 Barg	02
100 Barg	10
250 Barg	25
500 Barg	50

Pressure Balancing	Substitute
Piston	P
Diaphragm (Nitrile)	N
Diaphragm (AISI 302)	S
Diaphragm (Alloy-22)	A

Port Size	Substitute
1/8	06
1/4 "(Standart)	08
3/8	10
1/2	15
3/4	20

Threads	Substitute
NPT (Standart)	N
ISO G Parallel (BSPP)	G
ISO RC Taper (BSPT)	R

Outlet Pressure Range	Substitute
0-8,5 Barg	A
0-16 Barg	B
0-6 Barg	C
Others variant	D

Seal Materials	Substitute
NBR	N
FKM	F
Low Temp. Variant	L
Others variant	0

Filter Element	Substitute
None	0
5µm	1
40µm(Standart)	2
60µm	3
Others variant	4

Gauge	Substitute
None(Standard)	N
316SS,Dry,Bar/PSI units	D
316SS,Glycerine,Bar/PSI units	G
Copper,Dry,Bar/PSI units	C
Plastic,Dry,Bar/PSI units	P

Gauge Part Size	Substitute
1/4 " NPT (Standart)	8N
G 1/4	8G
1/8 " NPT	6N
G 1/8	6G
1/2 " NPT	6N
G 1/2	6G

Relief Valve	Substitute
With (Standard)	Y
Without	N

Operating Options	Substitute
Regulator Only(Standard)	R
Filter/Reg.Unit Automatic Drain	A
Filter/Reg.Unit Manual Drain	M
Others variant	V

Seat Materials	Substitute
NBR	N
FKM	F
PTFE	T
POM-C	M
PEEK	K
VespeI	V
Others Variant	O

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Date of Issue : 16.11.2020

