

Supplement No: 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 14 ATEX 0271

(4) Product: PVM and PVN Series Vacuum Pumps

(5) Firm Name: POM-VAK Pompa Makina San. Tic. Ltd. Şti.

(6) Firm Address: İkitelli Organize Sanayi Bölgesi Hürriyet Bulvarı, Deparko Sanayi Sitesi Berkalp İş
Merkezi No: 1/13 Z01 Başakşehir - İstanbul - TURKEY

(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.10-679-1 date 18.12.2018.

(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) If the sign “ X “ 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.

(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 ½ G Ex h IIC T4 Ga,Gb

Responsible Person :

Nurettin Terzioğlu
Head of Certification Body

Supplement Date of Issue : 19.12.2018



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(13) Schedule

(14) Certificate Nr: **IEP 14 ATEX 0271**

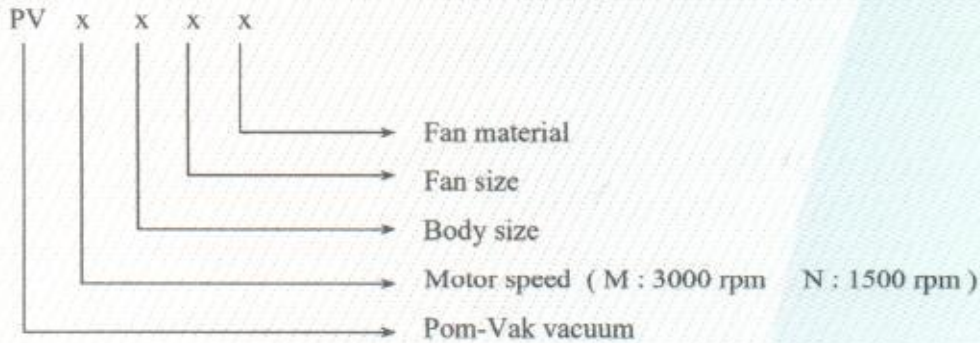
(15) Description of Equipment;

PVM and PVN series vacuum pumps are manufactured the effective place with various materials. Single and two stage pumps are fixed on an NPU steel profile base and connected to electrical motor with elastic coupling. Mono block pumps are directly connected to the motor with flanges. PVM and PVN series vacuum pump body and cover made from stainless steel or cast iron. Impeller made from bronze. PVM and PVN series vacuum pump consists of 13 parts. Equipments list number 5. Isolation material is Teflon.

Technical Parameters:

Specifications	Value code	Range
Vacuum pressure absolute	mbar	33,3 ~ 900
Inlet & Outlet	R x " and DN x	PVM : R 1" , R 2" ; PVN: DN 40 , DN 50 , DN 65
Motor power	kW	PVM : 0,75~5,5 ; PVN : 2,2 ~ 11
Speed	Rev / Min	PVM : 3000 ; PVN : 1500
Capacity	m ³ / h	PVM : 25 ~ 160 ; PVN: 80 ~ 270
Service water	l / Min	PVM: 3 ~ 16 ; PVN: 12 ~ 25

Product Code system:



(16) Essential Health and Safety Requirements:

16 .1 Are included in standards , which are mentioned in clause (9) of this certificate. The products was approved in accordance with above mentioned standards and manufacturer's instruction.

16 .2 At the installation and the operation of the PVM and PVN series vacuum pump have to be observed manufacturer's manual dated 15.11.2018 and 80 pages.

Responsible Person :

Nurettin Terzioglu
Head of Certification Body



IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyon Ticaret Limited Sirketi
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(17) Certificate Nr: **IEP 14 ATEX 0271**

(18) List of Documentation:

- ♦ User manual : 80 pages, dated 15.11.2018
- ♦ Mechanical Component Lists : 2 pages, dated 23.05.2014

(19) Drawings;

Drawing Name;	Date;
MA-115 / 1	15.02.2012
MP-115 / 2	15.02.2012
MF-115-50 / 3	15.02.2012
PVM / 4	15.02.2012
MK-115-50 / 5	15.02.2012
90S_TOP B5 / 6	15.02.2012
MS-115-50 / 7	15.02.2012
PVM / 8	15.02.2012
PVM / 9	15.02.2012
PVM / 10	15.02.2012
PVM -115 /11	15.02.2012
PVM -115 /12	15.02.2012
MA-210 / 13	15.02.2012
MF-210-65 / 14	15.02.2012
MP-210 / 15	15.02.2012
PVN / 16	15.02.2012
MK-210-65 / 17	15.02.2012
112M_TOP /18	15.02.2012
MS-210-80 / 19	15.02.2012
PVN / 20	15.02.2012
PVN / 21	15.02.2012
PVN / 22	15.02.2012
PVN 210 / 23	15.02.2012
PVN 210 / 24	15.02.2012

(20) The List of the materials which PVM and PVN series vacuum pump technical specifications – table 5 list, 2 pages and dated 23.05.2014 .

Certificate History;

Supplement No	Supplement Date	Summary Description of Variation
01	19.12.2018	Address Change, Upgrade to ATEX directive 2014/34/EU, Standard Update
00	26.11.2014	First issue of certificate

Responsible Person :

Nurettin Terzioğlu
Head of Certification Body



Supplement Date of Issue : 19.12.2018

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