



### System Description

P-Tank is designed to separate gas, oil, water, and sand. It is mainly used to hold significant volumes of sand and also to separate gas/oil and water.

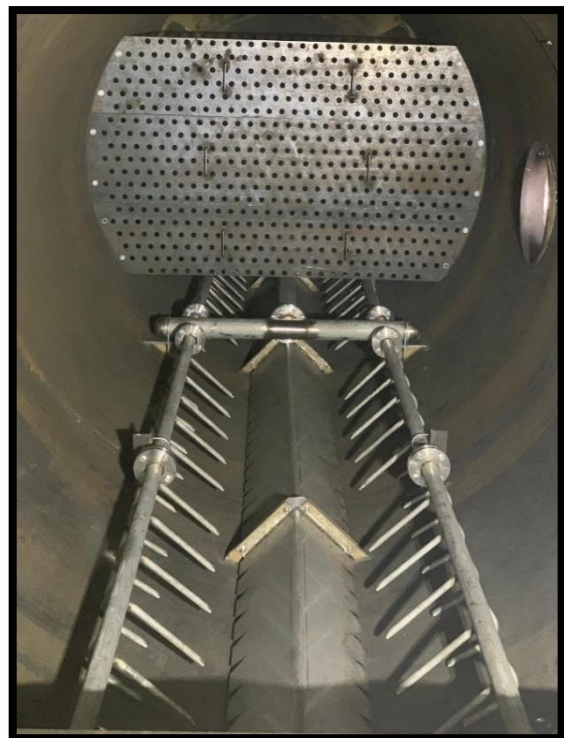
The P-Tank internals consist of perforated plates, weir plate, oil bucket, sand jet system and mist extractor that facilitate and improve phase separation. Accumulation of sand at the bottom of the vessel, is prevented by 80 stainless steel sand jet nozzles. On the other hand, the vessel lengths are designed to be used for longer retention time for the sand settlement.

The unit is supplied with complete instrumentation such as relief valves, level and pressure controllers, control valves, measuring equipment and safety devices to provide our customers with accurate information. Produced gas can be used to supply pneumatic air to a gas tube. In case of a maximum level alarm in oil and lack of pneumatic air, a Nitrogen tube can supply the air to open the dump valves.

P-Tank can be designed and manufactured according to client's request and all inner equipment can be removed from man way.

The separator is designed by PV Elite and are built according to ASME VIII Div. 1 (ASME Code Version 2013). It is also certified with CE (2014/68/EU).

Service	Standard and H <sub>2</sub> S
Diameter (mm)	2,400
Length (mm)	10,000
Max Working Pressure (psia)	240
Thickness (mm)	20
Total skid weight (tons)	30,000







### Konformitätsbescheinigung Certificate of Conformity

Modul G / module G

Konformität auf der Grundlage einer Einzelprüfung

Conformity based on unit verification

gemäß Richtlinie 2014/68/EU / according to Directive 2014/68/EU

Bescheinigung Nr.: KOB-2019-TURK-1472-19-IS-1903  
Certificate No.:

Hersteller / manufacturer:

Troya Dogalgaz Petrol Muhendislik San. ve Tic.  
Ltd. Sti.

Fertigungsstätte / place of manufacture:

Mesa Koru Sitesi, Akmesse Sokak, No:6  
Cayyolu/ Ankara TURKEY

Hiermit wird bescheinigt, dass die Ergebnisse der an dem unten genannten Objekt vorgenommenen Prüfungen die Anforderungen der Richtlinie 2014/68/EU erfüllen. Das Objekt ist mit der abgebildeten Kennzeichnung versehen:

This is to certify that the results of the examination of the object mentioned below meet the requirements of the directive 2014/68/EU. The object carries the marking as illustrated:

### CE 0408

Objekt:  
object: Druckbehälter / pressure vessel

Benennung:  
designation: Four Phase Separator, Pd: 16,6 Bar Capacity: 49.5 m3

Fabrik Nr.: TRY-PT-2019-01 Baujahr: 2019  
serial no.: year of manufacture:

Inspektionsbericht Nr.: 19-IS-1903-PED-2019-IR-TRY-PT-2019-01  
inspection report no.:

Ankara 02.10.2019  
Ort / place: Datum / date:



ZERTIFIKAT | CERTIFICATE | CERTIFICAT | CERTIFICADO | СЕРТИФИКАТ | 證書 | 인증서 | شهادة

FM-INE-PE-PED-0504

Konformitätsbescheinigung\_PED

Revision: 11 vom 06.07.2018

Page 1/1

TÜV AUSTRIA SERVICES GMBH, Notified Body 0408

Auszugsweise Vervielfältigung nur mit Genehmigung der TÜV AUSTRIA SERVICES GMBH gestattet.  
Alle Prüf-, Inspektions- und Überwachungstätigkeiten erfolgen gemäß QM System der  
TÜV AUSTRIA SERVICES GMBH.

Excerpt duplication only with permission of TÜV AUSTRIA SERVICES GMBH.  
All testing, inspection and surveillance activities were carried out in accordance with the QM system of  
TÜV AUSTRIA SERVICES GMBH.

Deutschestraße 10  
1230 Wien / Österreich  
Tel: +43 (0)5 0454

E-Mail: ine-austria@tuv.at



Vervielfältigung nur mit Erlaubnis des TÜV AUSTRIA. The reproduction of this document is subject to the approval by TÜV AUSTRIA. www.tuv.at