

Certificate of Completion

Date issue : 18. 10. 2019

Certificate No. : TNK-KP-19-492-02
Equipment : H-P BUTTERFLY VALVE PHB-2IN (WAFER TYPE CLASS150)
Manufacturer : P&K ENG CO., LTD.
Address of Manufacturer : 56-45, Buil-ro, 815beon-gil, Guro-gu, Seoul, 08262, Korea

This is to certify, at the request of P&K ENG CO., LTD. that the below WAFER TYPE BUTTERFLY VALVE successfully passed the fire test according to API STANDARD 607, June 2016.

Test Specimen	H-P BUTTERFLY VALVE PHB-2IN (WAFER TYPE CLASS150)
Specimen No.	TCHPV-TS-19-223
Valve size / class	2"(DN50) / CLASS150
Stem Material	17-4PH
Body / Disc material	WCB/ CF8M
Seat material	RTFE/316SS
Valve drawing no.	PHB-2IN-B (FS), Rev.0
End Connection	CLASS150 2inch Wafer Type

Location and date of fire test

- Location of fire test: Laboratory of Technical Center for High-Performance Valve at DONGA-A University.
(SM226, 37 Nakdong-Daero 550beon-gil, Saha-gu, Busan-city, Korea)
- Date of fire test: 03.09.2019

This certificate must be read in conjunction with test report no. TCHPV-19-215.

Won-Tae Kim

TÜV PED Authorized Inspector / Certifier
 TÜV Material Expert / Inspection Representative
 TÜV Welding Expert
 TÜV CPR / ISO 9001 Auditor
 TÜV MD Engineer

