

Certificate of Completion

Date issue : 29. 08. 2019

Certificate No. : TNK-KP-19-492-01
Equipment : WAFER TYPE BUTTERFLY VALVE (PHB-200A)
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	WAFER TYPE BUTTERFLY VALVE PHB-200A-B
Specimen No.	TCHPV-TS-19-205
Valve size / class	8"(DN200) / CLASS150
Stem Material	17-4PH
Body / Disc material	WCB/ CF8M
Seat material	RTFE/316SS
Valve drawing no.	PHB-200A-B(FS), Rev.0
End Connection	CLASS150 8inch 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: 19.08.2019

This certificate must be read in conjunction with test report no. TCHPV-19-168.



Won-Tae Kim

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