

CERTIFICATE OF TYPE ACCEPTANCE TEST (TAT)

Date: 2nd Dec., 2016

Manufacturer : SAMWOO KJS TEC CO., LTD.
Date and Place of Test : 14st ~ 17th Nov., 2016 at the manufacturer's premises, Korea
Manufacturer's Location : 328, Ungnam-Ro, Seongsan-Gu, Changwon-Si, Gyeongsangnam-Do, Korea
Kind of Test : Witness of Type Acceptance Test (TAT)
Test Standard : MESC 77/300_Sep. 2010

Test Valve : ASTM A216 WCB; DN250; Pressure Class 600; Gate Valve

Technical Classification Code:	GA-FW-MG-BD-TE-BB-HT-I10434-ST
Product Description:	Flanged; Flexible Wedge Type; Metal Seated & Graphite Packing; Bolted Bonnet; Bi-Directional; Gate Valve Size & Rating: DN250 & CL600 Designed to ISO 10434 Material Body: ASTM A216 WCB Body Seat Ring : A105+STL Disk: ASTM A216 WCB+STL
Shell Fugitive Emission Class:	B(HS)
Test Temperature Range:	-20°C to +425°C
Brand Name & Model Designation:	SAMWOO KJS TEC CO., LTD. & APGA600BBWD
GA Drawing of TA-Tested valve:	16-0622-1 Rev.0
Manufacturer's Test Report No.:	KJS-TAT-2016-01

This is to certify that Type Acceptance Test (TAT) was performed by the manufacturer under our witness as above, and the Certificate has been issued after successful testing of the valve as per MESC 77/300 and review of the test report.

Note

The details of the test condition and data are as per manufacturer's Test Report mentioned above which were verified and endorsed by us.

**

**

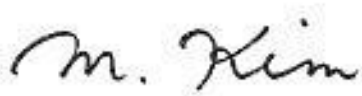
**

**

“ In accordance with Client's instructions, the Company's involvement has been limited to witnessing/observing a third party's intervention(s) at the third party's laboratory/test house or other facilities and installations used for the intervention(s). The Company's sole responsibility was to be present at the time of the third party's intervention(s) to forward the results, or confirm the occurrence, of the intervention(s). The Company is not responsible for the condition or calibration of apparatus, instruments and measuring devices used, the analysis methods applied the qualifications, actions or omissions of the third party's personnel or the analysis results.

Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.”

Applus Velosi OMS



Min Jae Kim

Representative Director

PG // SI