



Industry & Facilities Division
Inspection Certificate



CERTIFICATE

TA-Luft VDI 2440, Sec. 3.3.1.3, Nov. 2000

The undersigned, B. H. Juang acting with the scope of the contractual requirements entrusted to Bureau Veritas, certifies that the supply:

Valve Model : V-158
 Valve Type : Three Pieces Threaded End Ball Valve
 Valve Size : 2 Inch
 Pressure Rating : 1000 WOG
 Drawing No. : V-158T-P005 Rev.02
 Body Material : ASTM A351 Gr. CF8M
 Seat Material : RTFE
 Stem Material : SS 316
 Supplied by : KEVIN STEEL CORPORATION

Tested by Metal Industries Research & Development Centre (MIRDC) and witnessed by Bureau Veritas, per TA-Luft VDI 2440, Sec. 3.3.1.3, Nov. 2000 at Lung-Tan, Taiwan. Verified in conformity with the requirements of the standard mentioned above.

Client : KEVIN STEEL CORPORATION
 Rm. 3, 14F, No.89, Sec. 1, ZhongQing Rd., North Dist., Taichung City 404
 Taiwan R.O.C.

Test Date : Dec. 29~31, 2014

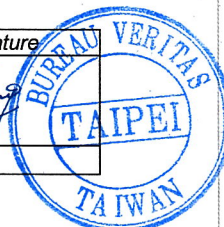
Test Report No. : 10312059-R of MIRDC

The leak tightness tests of ball valves were measured by Helium Leakage Detector. (Model: VS PRO2/Vacuum mode at room temperature). Test result is as below:

Test specimens	Allowable (atm*cc/sec)	Leakage rates (atm*cc/sec)	Operating cycles	Test Pressure	Stem Turning
1000 WOG	6.53×10^{-6}	4.5×10^{-6}	5,000	70.3 kgf/cm ²	24.5 N*m
1000 WOG	6.53×10^{-6}	1.7×10^{-7}	10,000	70.3 kgf/cm ²	24.5 N*m

Etabli à / Issued at	Le / On	Signé par / Signed by	Signature / Signature
Taipei, Taiwan	Feb. 02, 2015	B. H. Juang	

Certificate No. : TPI14105



* This certificate must be read in conjunction with the test report No. 10312059-R of MIRDC.

** This certificate is subject to the terms of Bureau Veritas General Conditions of Service attached to the agreement signed by the applicant.