



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-355  
 Valve Type : Three Pieces Threaded End Ball Valve  
 Valve Size : 2 Inch  
 Pressure Rating : 1500 WOG  
 Drawing No. : V-355-P005 Rev.01  
 Body Material : ASTM A351 Gr. CF8M  
 Seat Material : PTFE  
 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 : Jan. 30 ~ Feb. 02, 2015  
 Test Report No. : T10401017-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
1500 WOG	$6.53 \times 10^{-6}$	$1.1 \times 10^{-6}$	5,000	105.6 kgf/cm <sup>2</sup>	45.08 N*m

Etabli à / Issued at	Le / On	Signé par / Signed by	Signature / Signature
Taipei, Taiwan	May 6, 2015	B. H. Juang	

Certificate No. : TPI15006



\* This certificate must be read in conjunction with the test report No. T10401017-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.