

# CERTIFICATE

## ISO 10497 : 2010

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

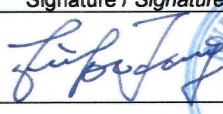
Valve Model : Series F303  
Valve Type : 1PC Flanged End Ball Valve (Reduced Bore)  
Valve Size : 2 inch (DN 50) x 1 piece  
Pressure Rating : Class 150  
Drawing No. : Z01F30C0-1 ver.0  
Body Material : ASTM A351 CF8M  
Seat Material : RTFE  
Ball Material : SS316  
Stem Material : SS316  
Supplied by : TRANSWORLD STEEL ENTERPRISE CO., LTD.

Tested by Metal Industries Research & Development Centre (MIRDC) and witnessed by Bureau Veritas, per ISO 10497: 2010 at Lung-Tan, Taiwan. Verified in conformity with the requirements of the standard mentioned above.

Client : TRANSWORLD STEEL ENTERPRISE CO., LTD.  
No. 34, Gongye 14th Rd., Dali Dist., Taichung City 412, Taiwan (R.O.C.)  
Test Date : 25 Jan, 2024  
Test Report No. : T11301011-2

Qualified Range of Valves (according to Clause 7.3 ~ 7.4 of ISO 10497: 2010)

Valve Model : Series F303  
Pressure Rating : Class 150; 300 (PN 10; 16; 25; 40)  
Valve Size : NPS 2 and below; 2 1/2; 3; 4 (DN 50 and below; 65; 80; 100)  
Body Materials : Austenitic

Etabli à / Issued at	Le / On	Signé par / Signed by	Signature / Signature
Taipei, Taiwan	16 Feb. 2024	B. H. Juang	

Certificate No. : TPI24017-4

\* This certificate must be read in conjunction with the test report No. T11301011-2 of MIRDC.

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



Industry & Facilities Division  
Inspection Certificate



# CERTIFICATE

## ISO 10497 : 2010

The undersigned, Vincent Sheng acting with the scope of the contractual requirements entrusted to Bureau Veritas, certifies that the supply:

Valve Model : Series F303  
Valve Type : 1-PIECE Flanged End Ball Valve  
Valve Size : 3 inch  
Pressure Rating : Class 150  
Drawing No. : Z01F30D0-1 ver.0  
Body Material : ASTM A351 CF8M /1.4408  
Seat Material : RTFE  
Ball Material : SS316  
Stem Material : SS316  
Supplied by : Transworld Steel Enterprise Co., Ltd.

Tested by Metal Industries Research & Development Centre (MIRDC) and witnessed by Bureau Veritas, per ISO 10497: 2010 at Lung-Tan, Taiwan. Verified in conformity with the requirements of the standard mentioned above.

Client : Transworld Steel Enterprise Co., Ltd.  
No.34, Gongye 14th Rd., Dali Dist., Taichung City 412, Taiwan (R.O.C.)  
Test Date : 20<sup>th</sup> January 2025  
Test Report No. : T11401006-1

Qualified Range of Valves (according to Clause 7.3 ~ 7.4 of ISO 10497: 2010)

Valve Model : Series F303  
Pressure Rating : Class 150; 300 (PN 10 ; 16 ; 25 ; 40)  
Valve Size : NPS 3 ; 4 ; 5 ; 6  
Body Materials : Austenitic

Etabli à / Issued at	Le / On	Signé par / Signed by	Signature / Signature
Taipei, Taiwan	10 <sup>th</sup> February, 2025	Vincent Sheng	

Certificate No. : TPI25005-2

\* This certificate must be read in conjunction with the test report No. T11401006-1 of MIRDC.

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

