



TYPE TEST CERTIFICATE

Certificate No: VCS/AM/2015/FET-193
VCS. Ref. No: VCS-AHM-CM-888

Date: 10-07-2015

This certificate is issued to

**CAMTECH MANUFACTURING FZCO.
Jebel Ali Free Zone,
Dubai
United Arab Emirates**

to certify that at their request the undersigned surveyor to Velosi attended their works at Jebel Ali Free Zone, Dubai from 04-07-2015 to 08-07-2015, for the purpose of witness of Fugitive Emission Type Test of Globe Valve – Bolted Bonnet. The scope of Inspection & Approval are as below.

Manufacturer Name	: Camtech Manufacturing Fzco
Test Location	: Jebel Ali Free Zone, Dubai – UAE
Test Standard	: ISO 15848-1 : 2006
Valve Type	: Globe Valve – Bolted Bonnet
Model	: GLBBC
Size	: 2" NPS (DN 50)
Class	: 1500#
Valve Serial No.	: GL2015-RRW-15-9925
Valve Drg. No.	: GLBBH1502FET01 REV-00.
Packing Material & Configuration	: Expanded Graphite with Inconel wire reinforcement Cartseal – Expandable – Inmarco Make
Body Joint Gasket	: SPW SS316 + Graphite
Test Requirements	: ISO 15848-1, Endurance Class CO1, Temperature range -46°C to 200°C.
Leak Detection Method	: Mass spectrometer Helium leak detector, HLD-1112, H-Fillunger
Test Valve Stem Diameter	: 29 mm
Stem Surface Finish	: 0.4 to 0.6 Microns
Type test report No.	: CAM/FET/0215/035
Test Result	: As per attached Test report , The test is qualified and the sealing system can be classified according to ISO 15848-1 as : ISO FE BH – CO1 – SSA 1 – t (-46°C,200°C) – CL1500 – ISO 15848-1
Extension of qualification	: This qualification is valid for valves having the same stem and body seal design and material and the following, 1) Stem Diameter 14.5 mm to 58 mm 2) Tightness Class - B 3) Pressure Class – CL 150 to CL 1500

The tested valve has passed successfully the qualification requirement as per the ISO 15848-1 : 2006 and the test report attached are endorsed by us.

Issued at:
Ahmedabad

10. 07. 2015

Altai Mansuri

Place

Date

Manager(Inspection)