



**TÜVRheinland®**  
Precisely Right.

# CERTIFICATE

**Of Conformity**  
**MSS SP-99-1994 Reaffirmed 2001**  
**Needle Valves**  
**For Tubefit Engineers.**

**Order No :** 1403009019

**Report No :** 1403009019 (T) -11-02

**Holder :** Tubefit Engineers  
Unit No 2&3, Swamini Industrial Estate  
Village Waliv, Vasai  
Dist. Thane- 401208

**Product :** Needle Valve

**Identification:** TUBEFIT




This Certificate of Conformity is based on an evaluation of a sample of the above mentioned product. This is to certify that the tested sample is in conformity with relevant provisions of MSS SP-99-1994 Reaffirmed 2001; **Instrument Valves**. This Certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the report of the conformity according to the above standard.

Mumbai , 12<sup>th</sup> November , 2011.

Certification Body



Malcolm Dadina

Project: Projekt: <b>Valves MSS SP-99-1994</b>		Protocol/Report no.: Protokoll/ Bericht-Nr.: <b>1403009019(T)-11-02</b>	Sheet 1 of 2 Blatt 1 von 2
Plant section: Anlagenteil: <b>Valves</b>	Component: Bauteil: <b>Needle Valves</b>	Quantity: Anzahl: <b>03Nos</b>	
Client: Kunde: <b>TubeFit Engineers</b>		Purchase order No.: Bestell-Nr.:	
Manufacturer/Place: Hersteller/Ort: <b>Unit No 2&amp;3, Swamini Industrial Estate, Village Waliv, Vasai Dist. Thane- 401208</b>	Handled by: Bearbeiter: <b>Malcolm Dadina</b>		
Drawing No.: Zeichnungs Nr.: <b>TFE-IBNV-6K-SB-S6-NF x F</b>	Rev.: <b>0</b>	Norm/Standard: Norm/Standard:	<b>MSS SP-99-1994 Reaffirmed 2001</b>
Inspection acc. to Inspection plan No.: Inspektion gemäß Inspektion Plan Nr.:	<b>QAP/TBL/1604/09 Rev-01</b>	Specification: Spezifikation:	<b>MSS SP-99-1994 Reaffirmed 2001</b>
<b>The part(s) listed above was/were subjected to the following tests : Für das/die vorstehend genannte(n) Teil(e) wurden nachstehende Tests durchgeführt :</b>			
<ol style="list-style-type: none"> <li>1. Randomly selected Needle Valves ½" NPT F x ½" NPT F having SL Nos: 11, 27 &amp; 35.</li> <li>2. Mill Test Certificate reviewed for SS bar, Connection, Body, Ball, Stem, Etc. – Found in order. Vide Certificate Nos: 70650/01, QA/RF/13, 3691/02, 1155/01.</li> <li>3. Calibration Certificate of Pressure Gauge No: 8H-1157 Dt.07-04-2011.</li> <li>4. Proof Test carried out at pressure of 6000 PSI for # 3000 respectively (two times of the CWP* rating) hold for 3 minutes – No leakage observed during holding period, Found satisfactory as per Clause No: 5.5 of MSS SP – 99 :1994 Reaffirmed 2001.</li> <li>5. Burst Test for SL No: 11 @ 18850 PSI.</li> <li>6. Burst Test for SL No: 27 @ 14500 PSI.</li> <li>7. Burst Test for SL No: 35 @ 17400 PSI.</li> <li>8. Please refer the Photograph in page no. 2 of 2.</li> </ol>			
Inspection results: Inspektionsergebnis:	<input checked="" type="checkbox"/> fulfilled / Erfüllt /	<input type="checkbox"/> not fulfilled / nicht erfüllt *)	<input type="checkbox"/> fulfilled in part / teilweise erfüllt *)
Deviations from: Abweichungen zu:	<input type="checkbox"/> Contract *) Vertrag *)	<input type="checkbox"/> Drawing/purchase order *) Zeichnung/Auftrag *)	<input type="checkbox"/> Inspection plan*) Prüfplan*)
Documentation: Dokumentation:	<input checked="" type="checkbox"/> Complete Vollständig	<input checked="" type="checkbox"/> OK in Ordnung	*) see attached Report on Non-conformities *) siehe Anlage, Bericht zur Mängelfeststellung
	<input type="checkbox"/> Not complete Unvollständig	<input type="checkbox"/> Not OK *) Nicht in Ordnung *)	
<b>Remarks / Bemerkungen: As per clause no. 4.1.4 of MSS SP – 99: 1994 Reaffirmed 2001. Valves in the range from 1/16" to 1" qualified in Hydrostatic Proof test and Burst test.</b>			
<b>Identification: Hard Punched as „“ near Valve SL. No. on above tested valves.</b>			
<b>This inspection of assembly does not release the supplier from his obligation to rectify or to replace all and any parts covered by this contract which may be found not to conform to the specification, drawing or the contract at a later date.</b>			
<b>Diese Inspektion entlässt den Lieferanten nicht aus seiner Verantwortlichkeit, alle Teile dieses Auftrages zu berichtigen oder zu ersetzen, die sich später als nicht gemäß Spezifikation, Zeichnung oder Vertrag erweisen.</b>			
Place / Date of visit: Ort / Inspektionsdatum:	Date of report: Berichtsdatum:	TÜV Rheinland (India) Pvt Ltd.	
		  Signature:	



Project:  
Projekt: **Valves MSS SP-99-1994**

Protocol/Report no.:  
Protokoll/ Bericht-Nr.:

Sheet 2 of 2  
Blatt 2 von 2

**1403009019(T)-11-02**

**TOTAL SPIECMEN OF NEEDLE VALVES 38 PCS.**



**PROOF TEST @ 6000 PSI**



**BURST TEST**



TÜV Rheinland (India) Pvt Ltd.

F-51, Kailash Complex,  
Vikhroli (W), Mumbai – 400 079

Phone: +91-22-42155345

Fax: +91-22-42155344

Mail: malcolm.dadina@ind.tuv.com