

Qualitätsprüfzertifikat, Clean Service
Certificate of Conformance for Clean Service

Gemäß / according to DIN 55350-18-4.2.3 (EN10204-2.3) (DIN 50049-2.3)

Kundenname / Customer Name

IPP N.V.

Kundenauftragsnummer / Purchase Order N^o.

05/6846

Tescom Europe Auftragsnummer / Tescom Europe Sales Order N^o.

45840

Menge

Benennung

Sach-Nr. / Serien-Nr.

Quantity

Description

Part-N^o. / Serial-N^o.

2

Pharmpure regulator

PHE26C68800B / 89273-1-001...002

Wir bestätigen, dass die genannten Liefergegenstände den vereinbarten Spezifikationen, Zeichnungen und dem diesbezüglichen Auftrag entsprechen. Das beiliegende Formblatt listet die dem Gerät beigefügten Dokumente.
 This is to certify that the supplies listed hereon have been inspected and unless otherwise stated, conform to the specifications, drawings and relevant order. The attached form sheet shows a list of all attached documents.

Wir bestätigen, dass die Elastomermaterialien für die Herstellung unserer Teile folgenden Klassen entsprechen:
 This is to certify that the elastomer compounds, from which we manufacture our parts comply with the following requirements:

FDA 21 CFR 177, peroxide cured

USP Class VI

Ventilsitze aus PEEK Optima oder PTFE, soweit zutreffend, sind lt. Hersteller FDA CFR 211 (und USP Class VI) entsprechend.

If seats are made from PEEK Optima or PTFE, these are listed by the manufacturer being FDA 21 CFR 211 (and USP Class VI) compliant.

Wir bestätigen das die Rauigkeit der gasberührten Oberflächen des Gehäuses unseren Zeichnungsangaben entspricht und keine Polierpasten für diese Oberflächen verwendet wurden.

Further more we confirm that the surface finish is in conformance to our drawings and that no polishing compounds were used in the manufacturing process.

Ra 10 µinch / 0.25 µm

Ra 15 µinch / 0.38 µm

Ra 25 µinch / 0.63 µm

Liste der Teile im Durchflussbereich / List of parts in flow stream

Description	Part-N ^o .	Material	Reference
Body	TEF66152-8080	316L	Cert.Heat-Nr.98060
Friction sleeve	TEF66257-3	Teflon	Mat. Cert.
Seat	D50362-3	Teflon	Mat. Cert.
Tri Clover 1/2"	TEF66104-8	316L	Mat. Cert. 841758



An der Trave 23-25 • D-23923 Selmsdorf • Germany
 Tel. +49 / (0)38823/31-0 • Fax +49 / (0)38823/31-199
 info@tescom-europe.com • www.tescom-europe.com

Datum / Date

JJJJ-MM-TT

2005-06-03

Tescom Europe GmbH & Co. KG (Stempel)
 Zeichnungsberechtigter / Authorized Person

03.06.05 S. B... (Signature)

Dokumentenliste Clean service							
Clean service Document Data Package							
CCR							
Auftragsnummer	Name					Date	
Tescom Europe internal notes							
Document Title / Dokumenten- Beschreibung	Inhalt	Erstellung durch/ Kopieren	Zwischen- Ablage	Unter- zeichner	Dok. Erstellung im Arbeitsgang	D42024 Stand. Docum. Pack.	Dokum. nach Kunden- ford./ Docum. per request
COC for Clean service with materials list for wetted parts	D42021	NHT/Q	mit FA	NHT/Q	nach Fertigstellg.	X	
Actual Material Cert. Body	D42004 für Body	Prüf- beauftrag- ter	mit FA	Prüf- beauftragter	bei Montage	X	
Typical Material Cert. for other wetted parts	Materialzertif. für andere gasberührte Teile	Lieferanten der Teile/ L-SK	mit FA	Lieferant	Anlieferung mit den Teilen		
FDA Confirmations for wetted parts	FDA- Bestätigungen für gasberührte Teile	Lieferanten der Teile/ L-SK	mit FA	Lieferant	Anlieferung mit den Teilen	X	
USP class VI Cert. for wetted nonmetallic parts	USP class VI Zert.für gasberührte nichtmetall. Teile	Lieferanten der Teile/ L-SK	mit FA	Lieferant	Anlieferung mit den Teilen	X	
Material Cert. for welded fittings	Materialzert.für Schweissfittings, D42004 abgewandelt	Lieferanten der Teile/ L-SK	mit FA	Lieferant	Schweissen	X	
TIG-Weld Data Record / WIG- Schweissdaten	Vordruck RHN	Vorgabe E / Fertig- stellung P-M		Schweisser		X	

Weld gas spec. / Schutzgasspezifikation	Reinheit in %	Gaselieferant/ P-S	mit FA			X	
No Polishing Confirmation	in D42021 enthalten					part of COC D42021	
Installation information	z.B.A66110-01	E-S / L-SK	mit FA	ohne		X	
Assembly information	z.B.PH-22XXX	E-S / L-SK	mit FA	ohne		X	
Stückliste	aus CCR/FA	L-SK	mit FA	ohne			
Helium Leak Test Cert. / Helium Lecktest Zert.	Kopie Prüfnachweis, Extern. He- Test mit schwarzem Balken kennzeichnen	P-IL	mit FA	Prüfer		X part of Final Test Sheet acc. to KDT	
Check completeness of docum. package	Kontrolle des Gesamt- Dok.Pakets	Prüf- beauftragter			Vor Ablieferung an L-FW		

H00079-065



MILL TEST CERTIFICATE



AAF
1/2

Basauri Plant

ISO 9001/2000 KR-0039/1994 ISO-TS 16949 (2002) RA02-0071/2001

CUSTOMER: VILLARES STEEL INTERNATIONAL, B.V.	WORKS REFERENCE: 1107737
REFERENCE: 55111300.045-	SALES ORDER: 136196-4
PRODUCT NR: 52.530650	VERSION: 32156
HEAT NUMBER: 98060	
ROLLED: 18.06.2004	

REQUIRED PRODUCT				
1.4404\1.4401 VIMAC AISI 316\316L ROUND BARS PEELD SOLUTION ANNEALING 65 +/-0,5 mm				
-0 + 1/2 DIN 1013 5.000/6.000 mm RANDOM				
EXPEDITION	DELIVERY: 80075788	WEIGHT (KG): 2.719	BUNDLES: 2	UNITS: 18

MADE ACCORDING TO				
EN 10272 - 10.2000 ; ASTM A276 A81 2000 ; TRD100 - 01.06.1990 ; DIN 17440 - .09.1996				
AD2000W2 - 01.10.2000 ; AD2000W10 - 01.10.2000 ; EN 10088-3 - 01.04.1995				
ASME SA479-SA479M - 2001 ; ASTM A182-A182M - .2000				
VILLARES TFS-12.02 4 15.03.2003 ; EN DIRECTIVA 97/23/CE:97 - 29.05.1997				
EN 10204:91/A1 - 01.06.1995 3.1B				

CHEMICAL ANALYSIS OF HEAT							U: % HEAT NUMBER: 98060	
C	Mn	Si	P	S	Cr	Ni	Mo	N
Min.				0,015	16,500	10,000	2,000	
Max.	0,030	2,000	1,000	0,045	0,030	18,000	13,000	2,500
Cur.	0,017	1,600	0,419	0,027	0,026	15,710	10,100	2,110

INCLUSIONS (MICROINCLUSIONS)				
Standard (ASTM E45- .1997) ; A:1,5 ; B:0,5 ; C:0 ; D:0,5				

MECHANICAL PROPERTIES AS SUPPLIED (CONDITIONS)

Specimen Test location: At 12.5 mm from the surface

MECHANICAL PROPERTIES AS SUPPLIED (TEST)

Tensile test specimen direction (Longitudinal); Longitudinal ; Test n: 1107737-A

Rm (515/690 MPA): 593 MPA ; Re(1) (Rp(0,2%)) >= 205 MPA ; Rp(0,2%) 280 MPA

Re(2) ((1%)) >= 235 MPA ; ((1%)) 307 MPA ; A ((5d)) >= 45 % ; ((5d)) 56,7 % ; Z (>= 50 %) : 75,9 %

Notch impact sample direction (Longitudinal); Longitudinal ; Notch Impact sample type (ISO V): ISO V

Notch Impact test Temperature (20 °C): 20 °C ; K(1) (>= 100 J): 290 J ; K(2): 292 J ; K(3): 293 J

Standard (EN ISO 6506-1:99-01.09.1999) ; Hardness (<= 215 HB): 149 HB

Tensile test specimen direction: Longitudinal ; Test n: 1107737-B ; Rm: 595 MPA ; Re(1): Rp(0,2%) 282 MPA

Re(2): ((1%)) 308 MPA ; A: ((5d)) 56,5 % ; Z: 75,4 % ; Notch impact sample direction: Longitudinal

Notch Impact sample type: ISO V ; Notch Impact test Temperature: 20 °C ; K(1): 289 J ; K(2): 291 J

K(3): 291 J ; Hardness: 150 HB

Tensile test specimen direction: Longitudinal ; Test n: 1107737-C ; Rm: 588 MPA ; Re(1): Rp(0,2%) 276 MPA

Re(2): ((1%)) 303 MPA ; A: ((5d)) 57,2 % ; Z: 76,4 % ; Notch impact sample direction: Longitudinal

Notch Impact sample type: ISO V ; Notch Impact test Temperature: 20 °C ; K(1): 292 J ; K(2): 293 J

K(3): 295 J ; Hardness: 147 HB

Tensile test specimen direction: Longitudinal ; Test n: 1107737-D ; Rm: 586 MPA ; Re(1): Rp(0,2%) 274 MPA

Re(2): ((1%)) 301 MPA ; A: ((5d)) 57,5 % ; Z: 76,0 % ; Notch impact sample direction: Longitudinal

Notch Impact sample type: ISO V ; Notch Impact test Temperature: 20 °C ; K(1): 293 J ; K(2): 293 J

K(3): 295 J ; Hardness: 146 HB

ADDITIONAL TESTS

Structure: Austenite ; Standard (ASTM A262-01-2001) ; Standard (ASTM E112-96- .1996)

Grain size: Austenitic 7 ; Standard (ISO 3651-2-1998.) ; Intergranular corrosion: O.K.

NON DESTRUCTIVE TESTS

Internal defects standard (STAHL EISEN SEP1921-01.12.1994)

Internal defects type/method (Test group 3 - Defect <= 2/e) ; ULTRASONIC INSPECTION 100% ; O.K.

CRACKS CONTROL 100%: O.K. ; ANTIMIXING TEST SPECTROSCOPY 100%: O.K.

Without counter-Signature of Rheinland-TÖV according to authorization Letter F 07 0167 date 26.09.2002
QUALITY ASSURANCE SYSTEM COMPLIES TO PED 97/23/EC ACCORDING TO THE TÜV CERTIFICATE N°: 01 252 E/O-02-5904 DATE 09.01.2003

TECHNOLOGY & QUALITY CERTIFIES THAT THE PRODUCT FULL FILLS THE ORDER'S SPECIFICATION

APPROVED BY: MARCELINO GARCIA ZAYAS SIGN:

DATE: 28.06.2004 Page 1 of 2

REF.: 1000388770000 WORK'S INSPECTOR MARK:

TESCOM EUROPE
ACTUAL CERTIFICATION
PART PHE26CGP800B
NG:
SERIAL 89273-1-001...-002
NG:
INSP: LKC DATE: 3.6.05



MILL TEST CERTIFICATE



AAF
2/2

Basauri Plant

ISO 9001/2000 ER-0039/1994 ISO-TS 15949 (2002) RA02-0071/2001

CUSTOMER: VILLARES STEEL INTERNATIONAL, B.V.	WORKS REFERENCE: 1107737
REFERENCE: 55111300.045	SALES ORDER: 136196-4
PRODUCT NR: 52.530650	VERSION: 32156
	HEAT NUMBER: 98060
	ROLLED: 18.06.2004

ADDITIONAL INFORMATION
 DIMENSIONAL CONTROL 100% : O.K. ; MELTING PROCESS : EAF + VOD + LF ; SOLUTION ANNEALED 1040 °C AIR. 2.5 H.
 WEIGHT AS SUPPLIED : 2719 KGS. SIZE BARS: 18

TESCOM EUROPE
 ACTUAL CERTIFICATION
 PART PHE26C68P00B
 NO:
 SERIAL 89273-1-001...-002
 NO:
 INSP: LKL DATE: 3.6.05

Without counter-signature of Rheinland-TÜV according to authorization Letter P 02 0167 date 26.09.2002
 QUALITY ASSURANCE SYSTEM COMPLIES TO EN ISO 9001/2000 ACCORDING TO THE TÜV CERTIFICATE NO. 01 202 E/D-02-6904 DATE 02.01.2003

TECHNOLOGY & QUALITY CERTIFIES THAT THE PRODUCT FULL FILLS THE ORDER'S SPECIFICATIONS

APPROVED BY: MARCELINO GARCIA ZAYAS
 DATE: 28.06.2004
 REF.: 1000368770000

SIGN:
 P. MARTINEZ
 NDEK's Inspector Mark

BALFOR INDUSTRIES, INC.

4380 Bronx Boulevard

Bronx, NY 10466

Tel. (718) 994-9003

Fax (718) 324-5517

E-mail: BALFORIND@MSN.COM

MATERIAL CERTIFICATION

Customer TESCOM EUROPE

Customer P.O.# 24893

Balfor Invoice # 12616

Drawing # TEF66257 REV A

Part # TEF66257-3

Part Description VIRGIN TEFLON SLEEVES

Quantity Shipped 250 PCS


We certify that the above parts have been manufactured in accordance with customer blueprint specifications or to Balfor internal specifications. These parts have been checked in accordance with Balfor Industries' Quality Control Manual. We certify that these parts are mercury-free and have been manufactured in a mercury-free process.

Applicable Material MIL Spec. ASTM-D-4894-94

Mat'l Manufacturer DYNEON

Lot or Batch No. 54B1093

BALFOR INDUSTRIES, INC.

Authorized Representative 

Date 04/22/05

FORM 032-10 APPROVED BY: RKB

REV. A CONTROLLED

TESCOM EUROPE
ACTUAL CERTIFICATION
PART <u>PHE26C68860B</u>
NO: <u>89273-1-001...-002</u>
SERIAL <u>89273-1-001...-002</u>
NO:
INSP: <u>LKL</u> DATE: <u>3.6.05</u>

Sales Order Packing List

Balfor In ~~ces~~, Inc.
 4380 Bronx Blvd.
 Bronx, NY 10466
 USA

Sales Order Number:
 012616

Sales Order Date:
 Apr 13, 2005

Voice: 718-994-9003
 Fax: 718-324-5517

Ship By:
 Apr 22, 2005

Page:
 1

Sold To:
 TESCOM EUROPE
 GMBH & CO KG
 AN DER TRAVE 23-25
 23923 SELMSDORF, GE

Ship To:
 TESCOM EUROPE
 GMBH & CO KG
 AN DER TRAVE 23-25
 23923 SELMSDORF, GE

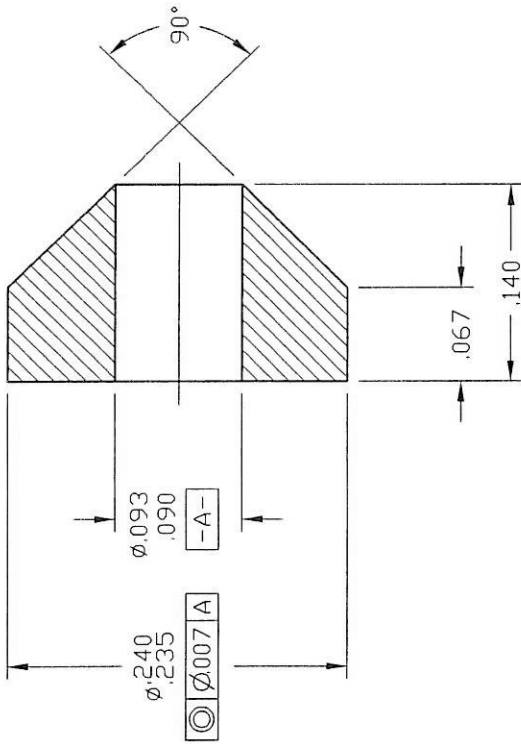
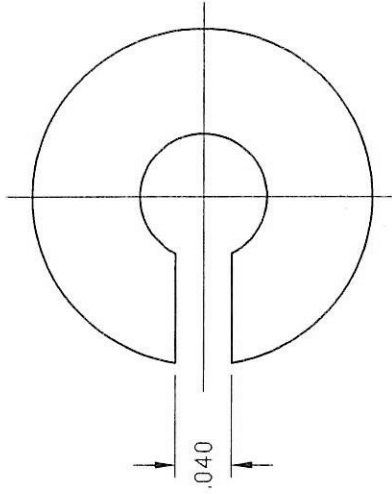
Customer ID	PO Number	Sales Rep Name
TESEUR	24893	
Customer Contact	Shipping Method	Payment Terms
SCHILLER	UPS Ground	1% 10, Net 30 Days

Quantity	Item	Description	Shipped Prior	This Shipment
250.00	MPT-BUXVTXZZZ	MACHINED PART, BUSHING, VIRGIN TEFLON TEF66257-3 FRICT, SL, IN. PTFE, FDA 21CFR 177.1550 PER DWG TEF66257 REV A CERTS REQUIRED	60	250
1.00	F-F	SHIPPING & HANDLING DELIVERY REQUIRED 04/22/05	UPS	150 44.95 <hr/> 194.95

part of

TESCOM EUROPE ACTUAL CERTIFICATION PART PHE26C688008 NO: SERIAL 89273-1-001...-002 NO: INSP: LKL DATE: 3.6.05

TEF66257



TESCOM EUROPE
ACTUAL CERTIFICATION
 PART *PHE26C68800B*
 NO: *89273-1-001...-002*
 SERIAL
 NO: *CLK* DATE: *3.6.05*

part of

DIMENSIONS IN INCH / MASZE IN ZOLL

00 UEBERNAHME TESCOM

UNLESS OTHERWISE SPECIFIED: .0 ± .020 ANGLES: ±1° .00 ± .010 .000 ± .005 SURFACE ROUGHNESS: 100/ CORNER & FILLET RADI: .005-.020 THREADS: CLASS 2 REMOVE ALL BURRS MFG. SPEC 60301		MATERIAL: TEF66257-3 - USE #F16169-0375 TEFLON (PTFE) MATERIAL TO BE FDA 21CFR 177.1550 & USP CLASS VI COMPLIANT, CERTS. REQUIRED.																								
DRAWING MADE IN THIRD ANGLE PROJECTION (DO NOT SCALE DRAWING)		FINISH: <i>X</i>																								
DRAWN BY: SBT 24.09.04		CHECKED BY: APPROVED BY:																								
NAME: FRICTION SLEEVE, INNER		SCALE: 8:1																								
SIZE: A		NUMBER: TEF66257																								
CODE NO. 1.3669		SHT. 1 OF 1																								
<table border="1"> <tr> <th>REV.</th> <th>DATE</th> <th>ECO NO.</th> <th>BY:</th> <th>APPR</th> </tr> <tr> <td>00</td> <td>24.09.04</td> <td>TE-04</td> <td>SBT</td> <td></td> </tr> <tr> <td>A</td> <td>6-29-04</td> <td>1525-04</td> <td>JK</td> <td>MKS</td> </tr> </table>		REV.	DATE	ECO NO.	BY:	APPR	00	24.09.04	TE-04	SBT		A	6-29-04	1525-04	JK	MKS	<table border="1"> <tr> <td colspan="2" style="text-align: center;"> TESCOM EUROPE Selmsdorf - Germany </td> </tr> <tr> <td colspan="2"> INFORMATION CONTAINED ON THIS DOCUMENT IS THE PROPERTY OF TESCOM CORPORATION. NO RIGHTS ARE CONVEYED NOR IS PERMISSION TO DISCLOSE TO OTHERS GIVEN. </td> </tr> <tr> <td colspan="2" style="text-align: center;">#F66257</td> </tr> <tr> <td colspan="2" style="text-align: center;">REFERENCE DRAWING(S)</td> </tr> </table>		TESCOM EUROPE Selmsdorf - Germany		INFORMATION CONTAINED ON THIS DOCUMENT IS THE PROPERTY OF TESCOM CORPORATION. NO RIGHTS ARE CONVEYED NOR IS PERMISSION TO DISCLOSE TO OTHERS GIVEN.		#F66257		REFERENCE DRAWING(S)	
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REFERENCE DRAWING(S)																										

THORUD INC.

10501 HAMPSHIRE AVENUE SOUTH
BLOOMINGTON, MN, 55438
(612) 996 - 9020

CERTIFICATE OF COMPLIANCE

DATE

May 13, 2005

THORUD JOB #

8920

CUSTOMER

Tescora

PART #

D50362-3-Geo.00

QUANTITY

50 v

PURCHASE ORDER #

25184

MATERIAL

3/8" Virgin Teflon

THORUD INCORPORATED certifies that articles conform to specifications and drawings in the referenced purchase orders all applicable customers specifications and drawings

Documentary evidence in the form of Physical and Chemical Test Reports and Inspection Records on this material and/or indicating conformance to applicable specifications are on file available for review at the seller's plant.

Kathy Larsen

AUTHORIZED

Kathy Larsen
Quality Manager

TESCOM EUROPE
ACTUAL CERTIFICATION
PART PHE26C68800B
NO: SERIAL 89273-1-001...-002
NO:
INSP: LKL DATE: 3.6.05

Plastics International

7600 Anagram Drive
Eden Prairie, MN 55344
PH: (952) 934-2303
FAX: (952) 934-2314

Date Printed: 05/05/05
Date Shipped: 05/05/05

Material Certification

Customer: THORUD, INC.
Purchase order #: 21911

City: BLOOMINGTON
MP Order #: S41667

State, Zip: MN, 55438

Plastics International is pleased to certify the following items:

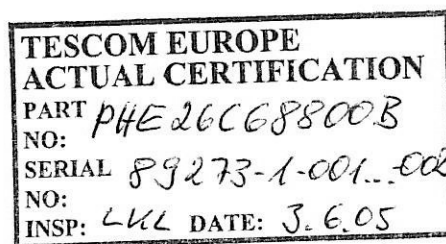
<u>Pieces</u>	<u>Product Description</u>	<u>Size Description</u>
8.00	.375in DIA. X 72in Long TEFLON VIRGIN (Batch & Lot)	0.375 DIA X 72.000 LGTH

Specifications

Virgin PTFE meets ASTM D 1710-02 Type 1, Grade 1, Class A
Dupont 9B Resin. Resin FDA compliant
Resin meets FDA 21CFR177.1550;
USP Class 6. Rod has not been tested. Not for human implant.

Lot # 0210TA6X65

*Job # 8920 - P/O D50362-3 - Rev 00, Po # 25184
50 Pcs - 5/13/05*



APPROVED

Thank You

Dave Carter

Plastics International certifies that the material shipped matches the product ordered by the Customer. Certifications concerning batch and lot numbers or conformance to specific material standards or properties are made solely by the manufacturer, and must be requested at time of order. These certifications may require additional charges.

8x TEF66104-8

1-04-05

TESCOM EUROPE GMBH & CO.KG
AN DER TRAVE 23-25
D-23923 SELMSDORF

NEUMO GmbH & Co. KG
Armaturenfabrik - Apparatebau - Metallgießerei
Henry-Ehrenberg Platz

D 75438 Knittlingen
Telefon 07043 36-149
Telefax 07043 36-130
Knittlingen, 29.03.05
Fr.Bach

Umstempel-Bescheinigung

Best.Nr.: 24818 V. 23.03.05 FRAU RISTOW
Unsere AB Nr.: 052998/1 vom 29.03.05

Wir bestätigen mit diesem Schreiben, dass die gelieferten Teile

Bezeichnung	:	ANSCHWEISS-CLAMPSTUTZEN TEG14AM7 1/2" 44,5MM LANG TEG14AM7BPE1/2 PL
Werkstoff aus Vormaterial	:	<u>316LASME</u> 459590
mit der Schmelzen-Nr. entsprechend beiliegendem Abnahmeprüfzeugnis	:	<u>841758</u> V.N.E. SFFI
Werkstoffverwechslung	:	3.1B/EN 10204 OHNE BEANSTANDUNG

gefertigt wurden.

Werkstoff und Schmelzen-Nummer wurden vor einem eventuellen Trennen
oder Löschen der ursprünglichen Markierung übertragen.

Mit der Umstempelung wurde in unserem Werk unser Umstempelberechtigter
beauftragt.

Neumo GmbH + Co KG
Armaturenfabrik - Apparatebau
Metallgießerei
Henry-Ehrenberg-Platz
75438 Knittlingen
Telefon 07043-36-0

Das Umstempeln erfolgt mit
Zustimmung des TÜV Bayern
Hessen Sachsen Südwest e.V.
vom Mai 1998

Der Werksachverständige

Der Beauftragte
14 R

i.A. Gerhard Traunecker

i.A. J. Traunecker

TESCOM EUROPE ACTUAL CERTIFICATION PART NO: PHE26C68800B SERIAL 83273-1-001...002 NO: INSP: LWL DATE: 3.6.05

EGMO LTD

Material Test Certificate

ISO 9001:2000
Certified
EN 10204/3.1.B

Part Number:
Part Description:
Material Specification:
Standard:

TEG14AM7 1/2 PL SFF1
CLAMP FERRULE 1/2" 316L 20Ra
316L
ASME BPE

Job\Certificate Number: 841758
Date Of Certification: December 12, 2004

Component Chemical Composition

Heat Number	Inspection Number	Raw Material & Size (mm)	(Inch)	%C	%CR	%MN	%MO	%N	%NI	%P	%S	%SI
459590	621848	R.BAR 26.0		0.010	16.810	1.760	2.020	0.064	11.240	0.032	0.005	0.380

Mechanical test

Heat Number	Yield 0.2 (N/mm ²) (PSI)	Yield 1.0 (N/mm ²) (PSI)	Tensile (N/mm ²) (PSI)	Hardness (HRB)	Elongation Reduction (%)	Raw Material Specifications
459590	269	44080	81200	143	48.000	ASTM A213/A269/A312 (3R65)

Mechanical test (cont.)

Heat Number	Eddy Current Test	Visual & Dimensional Test	Flaring Test	Flattening Test	Intergranular Corrosion Test	Material Identification Test
459590	N/A	OK	N/A	N/A	OK	OK

**TESCOM EUROPE
ACTUAL CERTIFICATION**
PART *PH E 26 C C 8800 B*
NO: *89273-1-001...-002*
SERIAL *89273-1-001...-002*
NO:
INSP: *LKL* DATE: *3.6.05*

We certify that this information is a true representation of the data which has been furnished by our supplier. We have no knowledge of any mercury of low melting contamination.



Examined according to AD 2000-Merkblatt HP 0 and TRD 201 in conjunction with EN 729-2, by TUV CERT.
Certification number: BB-DEB-MAN-P-03-1613
Our company working with quality system ISO 9001:2000 Certified by The Standards Institution of ISRAEL Licence No. 26880

Approved By:
AVRAHAM RAUSTEIN
QA MANAGER
AVRAHAM B.

This certificate was made by use of a computer system and is valid without signature.

Egmo Ltd.
P.O.B 1111
Nahariya 22110 Israel
Tel: 972-4-9655121
Fax: 972-4-9625810
www.egmo.co.il

Neumo GmbH
Postfach 1163 D-75438
Kohlödingen, Germany
Tel: 49(0)7043/36-0
Fax: 49(0) 07043/36-130
www.neumo.de

VNE Corporation
P.O. Box 1698-1149 Barbary Drive
Janesville, WI 53547-1698 / USA
Tel: 608 756 4930
Fax: 608 756 3643
www.vnestainless.com

AWH Armaturenwerke
Schulstrasse 5-6
D-39393 Helmstedt, Germany
Tel: 49(0) 39405 92 0
Fax: 49(0) 39405 92 111
E-Mail: AWH-Edelstahl@t-online.de

TESCOM EUROPE GMBH&CO KG

An der Trave 23-25

23923 Selmsdorf

Date

02.06.2005

WIG-SCHWEISSDATEN/TIG WELD DATA RECORD

Regler Art.nr./Regul.P/N PHE26C68800B
Regler Fabr.nr./Regul.
S/N 89273-1-001...002

Anzahl Eingangsanschlüsse/No. of IN ports: 1
Anzahl Ausgangsanschlüsse/No. of OUT ports: 1

Body, Ported P/N: TEF66152-8080 Material: 316L Heat. No.: 98060
Fitting P/N: TEF66104-8 Material: 316L Mat. Cert. No.: 841758
Fitting P/N: _____ Material: _____ Mat. Cert No.: _____
Fitting P/N: _____ Material: _____ Mat. Cert. No.: _____
Fitting P/N: _____ Material: _____ Mat. Cert. No.: _____

Schutzgas/Shielding gas: 100% Argon (5.0)
andere/ other

Schweisser/Welded by: FGA Date welded: 02.06.2005
(Stempel/Stamp)

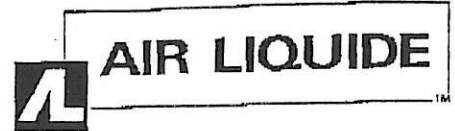
Schweissplatz/
Welding rig: TESCH ST 95
TESCH ST 96
TESCH ST 97

Schweissautomat/Auto weld:
Handschweissen/hand weld:

Inspection Method: Sichtprüfg./visual
Endoskop/borescope

Schweisspezifikation/Welding Specification: QMA 09-2.1

Remarks, Corrective Action:



TESCOM EUROPE GMBH & CO.KG
An der Trave 23 - 25

23923 Selmsdorf

Bestellnr.: tel. H. Raith

VERKAUFSBÜRO: KSC Güstrow

PROD-NR.: 0262

Auftrags-Nr.: 27070851-10

Mat-Nr/Vol: KON3G/ 50 L Miet

RLZ: WV53/DE

Herstelldatum: 16.02.2005

Analysenzertifikat

Seite 1 / 1

Bestandteile	Sollwerte	Istwerte	
ARGON 5.0	100		Vol-%
KOHLENDIOXID	<0,1	<0,1	Vol-ppm
GES. KOHLENWASSERSTOFFE	<0,1	<0,1	Vol-ppm
SAUERSTOFF	<2	<0,1	Vol-ppm
STICKSTOFF	<5	<0,1	Vol-ppm
WASSER	<3	<0,2	Vol-ppm

***** REINSTGAS *****

50 L-FLASCHE MIT 10,7 M3 FÜLLMENGE, REINHEITSANALYSEN NACH V H S

Flaschen-Nr. :
864831

Flaschenvolumen :
50 L Miet

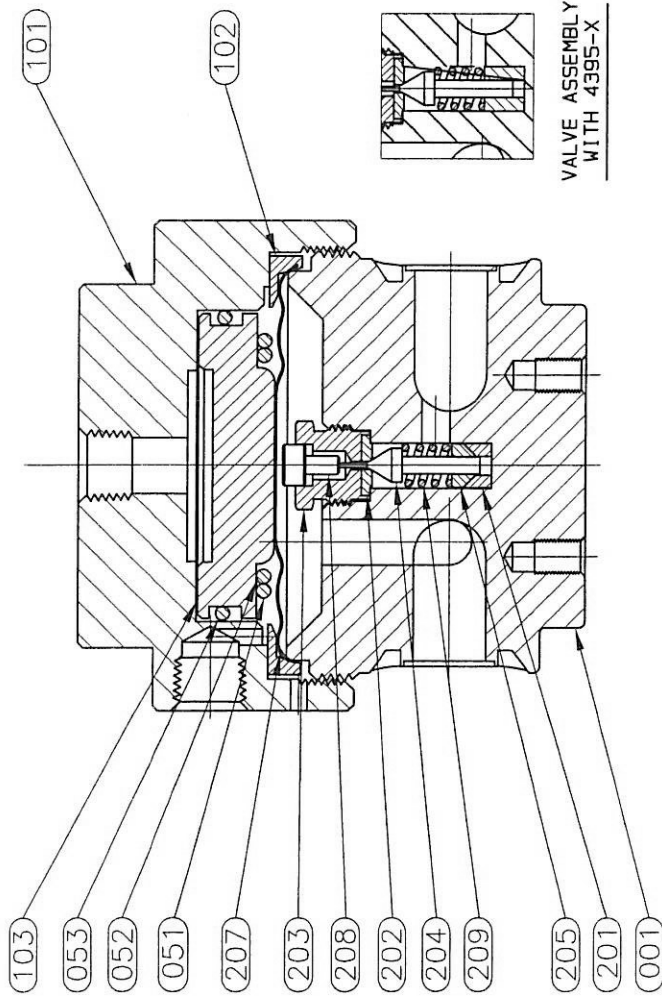
Fülldruck bei 15 Grd. C :
ca. 200 bar

Herstelldatum:
16.02.2005

Es handelt sich um ein durch EDV erstelltes Zertifikat, das ohne Unterschrift gültig ist.

Air Liquide Deutschland GmbH, Sondergaswerk
Bataverstr. 47
47809 Krefeld

TESCOM EUROPE
TYPICAL CERTIFICATION
PART PHE26C68800B
NO:
SERIAL 89273-1-001...-002
NO:
INSP: LKL DATE: 3.6.05



VALVE ASSEMBLY WITH 4395-X

NOTE:

1. INSERT FRICTION SLEEVES (FIND NO.'S 201 & 205) INTO BODY (FIND NO. 001) AS SHOWN & VISUALLY VERIFY CORRECT ALIGNMENT BEFORE INSERTING VALVE SEAT & SPRING (FIND NO.'S 204 & 209)
2. APPLY LUBRICANT P/N 9575 TO THE FOLLOWING P/N'S :
 FIND NO. 102 CONICAL SURFACE AND FLAT FACE OF SEAL RING
 FIND NO. 001 EXTERNAL THREADS OF BODY
 FIND NO. 101 BORE DIAMETER
 FIND NO. 053 O-RING
3. TORQUE REQUIREMENTS:
 FIND NO. 203 ----- 70- 80 IN.-LBS.
 FIND NO. 101 ----- 85-100 FT.-LBS.
4. VALVE SEAT (FIND NO. 202) SHALL BE INSTALLED WITH CHAMFER TOWARDS VALVE.

NOTIZ:

1. DIE REIBHUELSEN (FIND NO.S 201 & 205) SIND IM GEHAUESE (FIND NO. 001) WIE DARGESTELLT EINZUBAUEN. DER KORREKTE SITZ DER TEILE IST OPTISCH VOR EINBAU VON VENTILSTOESSEL & FEDER (FIND NO. 204 & 209) ZU UEBERPRUEFEN.
2. GLEITMITTEL (H00007) IST DUENN AUF DIE FOLGENDEN TEILE AUFTRAGEN :
 FIND NO. 102 ----- KONISCHE FLAECHE UND STIRNFLAECHE DES SEAL RING'S
 FIND NO. 001 ----- AUSSENGEWINDE DES GEHAUESES
 FIND NO. 101 ----- BOHRUNGSDURCHMESSER
 FIND NO. 053 ----- O-RING
3. DREHMOMENTE :
 FIND NO. 203 ----- 7.9 - 9.0 Nm.
 FIND NO. 101 ----- 115.0 - 136.0 Nm.
4. DER VENTILSITZ (FIND NO. 202) IST MIT DER FASE IN RICHTUNG VENTIL (FIND NO. 204) EINZUBAUEN.

01 AKTUELLE TESCOM EUROPE UEBERNAHME

MATERIAL:		TESCOM Seimisdorf-Germany	
FINISH:		UNLESS OTHERWISE SPECIFIED: 0 ± .020 .00 ± .010 SURFACE FINISH: 100/ CORNER & FILED RAZE: .005-.000 THREADS: CLASS 2 FINISH: ALL SURFACES	
DOWN BY:	CHECKED BY:	APPROVED BY:	
DATE: 20.04.2005	AKL: 25.04.05		
NAME:		ASSEMBLY INFO	
SCALE: 1:1	SIZE: NUMBER	A66158-DomeCv02	
	CODE NO. 13669	C	SHT. 1 OF 1

A66158-DomeCv02: PISTON STYLE DOME LOADED
 .04 DIAMETER ORIFICE (Cv=.02) /
 KOLBEN AUSFUEHRUNG, PNEUMATISCH ANGESTEUERT
 .04 BLENDENDURCHMESSER (Cv = .02)

Sach Nr. / Part No.	: PHE26C68800B
Fabr. Nr. / Ser.No.	: 89273-1-001-002
Auftr.Nr. / Order No.	: 89273-0001
Stueckzahl / Number	: 2

PHE26XXXXXX = 10.35 bar/150 psig
 AUSGANGSDRUCK
 OUTLET PRESSURE

PRUEFSPEZIFIKATIONEN / TEST SPECIFICATIONS:

NENNINGANGSDRUCK
 DESIGN INLET PRESSURE: 10.35 bar / 150 psig
 NENNAUSGANGSDRUCK
 DESIGN OUTLET PRESSURE: SIEHE TABELLE
 SEE TABLE

	Pruef-umfang/ Testrate	Datum/ Date	Pruefer / Tested by
1. Zeichnungsgerechte Ausfuehrung, Reinigung, Handschuhmontage Dimensions and construction, workmanship and cleaning, glow assembly.	100 %	02.06.05	
2. Eingangsdruck: Inlet pressure: 10.35 bar maximum 150 psig maximum	100 %	02.06.05	
3. Ausgangsdruck: Outlet pressure: Siehe Tabelle See table	100 %	02.06.05	
4. Interne Dichtigkeit (60s): Internal leakage (60s): Per Nachsteiger Spezifikation. Per creep specification.	100 %	02.06.05	
5. Aeussere Dichtigkeit: Helium Vakuumtest, < 2x10 ⁻⁸ mbar L/s External leakage: Helium Vacuumtest, < 2x10 ⁻⁸ mbar L/s	100 %	02.06.05	
6. Funktionstest: Nachsteiger und Druckabfall nicht uebersteigen, siehe Tabelle. Functional tests: Creep and droop not to exceed, see table	100 %	02.06.05	
Gehaeuse aus Chargen-Nr. : Body from batch-No. : AAF 12		02.06.05	

Prüfdaten für PHE26C68800B
 aus Zeile "3" entnehmen
 02.06.2005 / Graf

TABELLE FUNKTION TEST/ TABLE FUNCTIONAL TEST			
Type: PHE26X_	Aus- gangsdruck/ Outlet pressure	Max.: Druckabfall/ Droop	Max.: Nachsteiger/ Creep (60s)
0	bar / psig 0.69 / 10	bar / psig 0.14 / 2	bar / psig 0.07 / 1
1	1.72 / 25	0.28 / 4	0.07 / 1
2	3.45 / 50	0.28 / 4	0.07 / 1
3	6.90 / 100	0.41 / 6	0.07 / 1

SPECIAL INSTRUCTIONS/SPEZIELLE ANWEISUNG KOMMENTAR:

Revnum/ Aend.Ziffr. kommt vor	Quantity/ Anzahl	Day/Tag	Name	Sheet / Blatt
		20.04.2005	C. Graf	1 of 1
Department/ Abteilung	Editor/Bearb	Checked/Gepr.	A.Klotzbueher	
E-1		25.04.2005		
Test sheet for / Pruefnachweis für:				Test Sheet-Nr.
PHE26 REGULATOR REDUCING				TS6114
Ersetzt durch: -----				Ersatz fuer: -----

Applicable documentation /
 Mitgeltende Unterlagen:
 FKV KDT 011
 FKV KDT 072