



Industrie Service

ZERTIFIKAT Certificate

Baumusterzulassung nach ADR/RID Type approval according to ADR/RID

Zertifikat-Nr.: **0036-082-14 Rev. 0**
Certificate No.:

Gültigkeit / Validity: 2024-09-21

Name und Anschrift des Antragstellers: RegO GmbH
Name and Postal Address of Applicant: Industriestraße 9
D-35075 Gladenbach

Hiermit wird bescheinigt, dass der unten spezifizierte Typ die technischen Anforderungen des ADR/RID 2013 und der Richtlinie 2010/35/EU (TPED) erfüllt. / We herewith certify that the type specified below meets the technical requirements of ADR/RID 2013 and the directive 2010/35/EU (TPED).

Prüfbericht Nr.: P-IS-DDG-MUC-13-03-100327437-001-002,
Test Report No.: 2014-09-22, TÜV SÜD Industrie Service GmbH

Typ, Norm, Zeichnung, Revision, Datum
Type, Standard, Drawing, Revision, Date

Absperrarmaturen für tiefkalten Betrieb, **EN 1626:2008**
Valves for cryogenic service,
Kategorie A / Category A
T9450 SER, Rev.G, 1-31-13;
T9464 SER 1, Rev.E, 1-31-13;
TES8450 SER, Rev.D, 12-15-10;
TBK9450 SER, Rev.B, 2-23-09,
C9450 SER, Rev.C, 6-15-11 and
C9464 SER2, Rev.B, 6-15-11;
(6 Anhänge / 6 annexes)

Fertigungsstätte /
Manufacturing Plant

RegO
100 RegO Drive,
Elon NC 27244 / USA

(Ort, Datum)
(Location, Date)

München, 2014-09-22



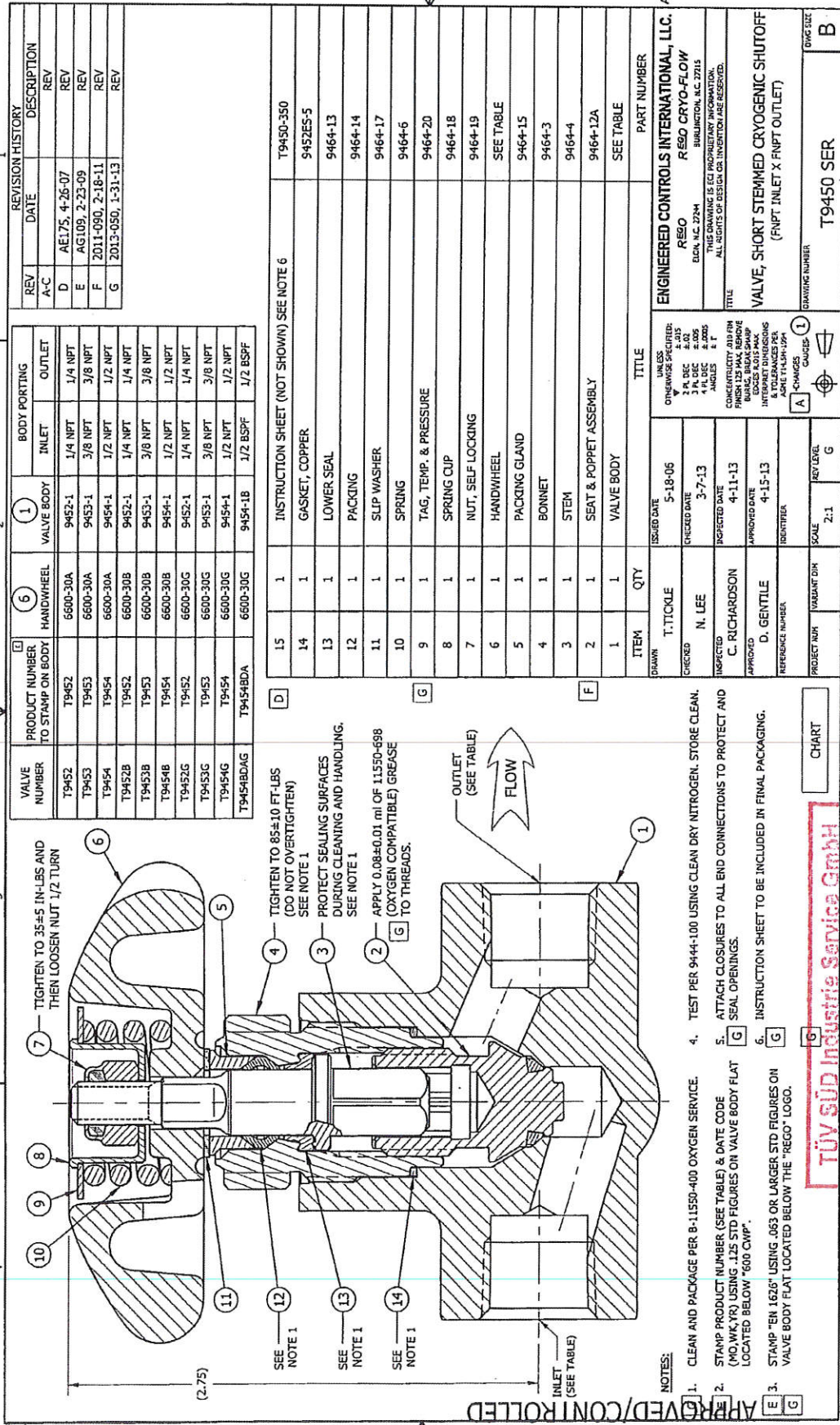
TÜV SÜD Industrie Service GmbH
Inspection Body Xa / Notified Body 0036

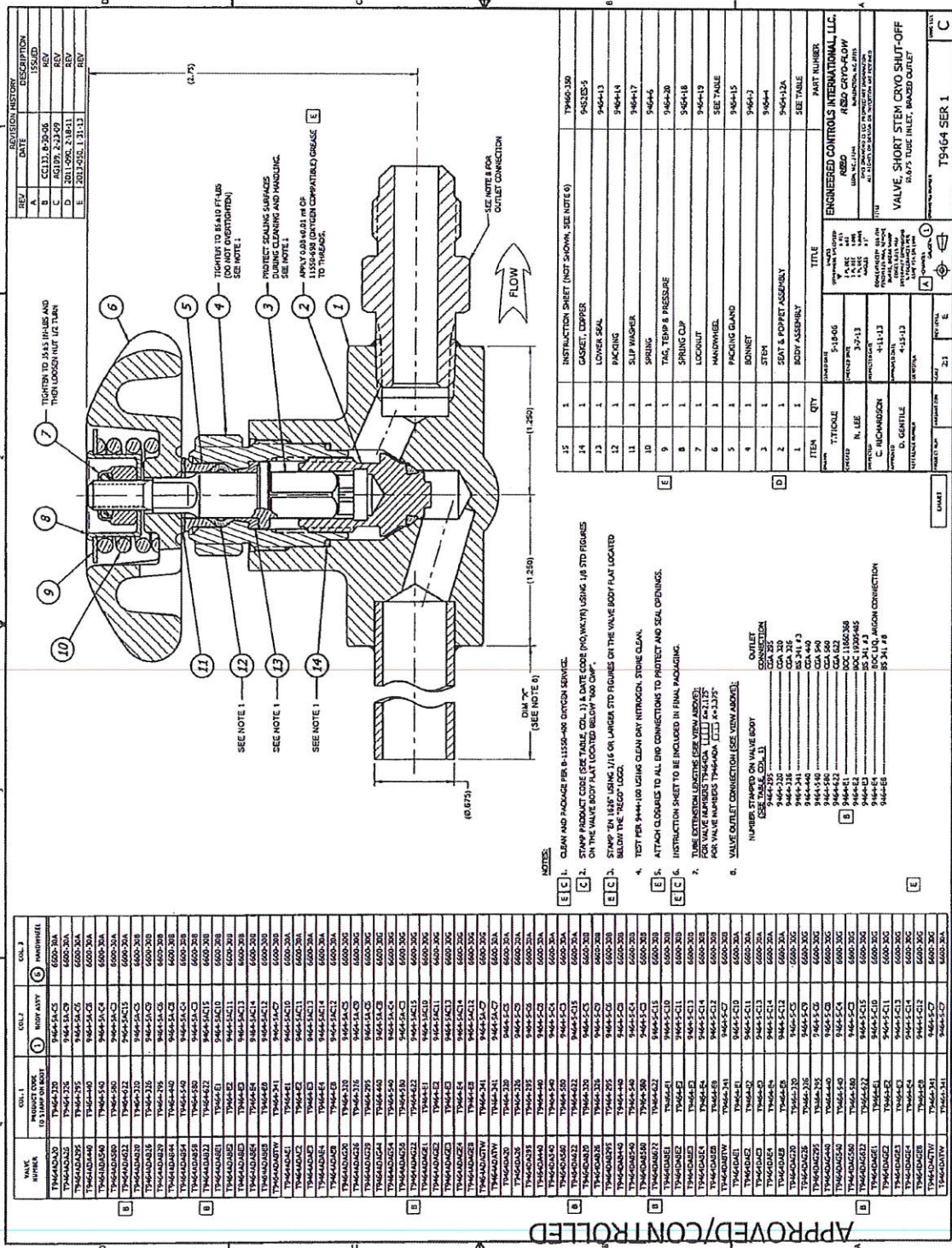
Klaus J. Meier

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Deutsche
Akkreditierungsstelle
D-IS-14153-02-03





STAMPING DETAIL

STAMP PRODUCT NUMBER (SEE TABLE) AND DATE CODE (MO, WK, YR) USING .125 STD TEXT & FIGURES ON THE VALVE BODY FLAT LOCATED BELOW "800 CWP"

NOTES:

- CLEAN ALL COMPONENTS EXCEPT HANDWHEEL PER B-11550-400 JUST PRIOR TO ASSEMBLY.
- TEST PER 9444C-100 USING CLEAN DRY NITROGEN. STORE CLEAN.
- COMPLETED VALVE, WITH CAPS ON INLET & OUTLET, TO BE HEAT-SEALED IN POLYBAG WITH INSTRUCTION SHEET. OXYGEN CLEAN INFORMATION TO BE INCLUDED IN OR ON BAG.

REVISION HISTORY

REV	DATE	DESCRIPTION
A-B		
C	2011-255, 6-15-11	REV

VALVE NUMBER	PRODUCT NUMBER TO STAMP ON BODY	INLET & OUTLET	BODY PART NUMBER	CLOSURE
C9452	C9452	1/4-18 NPT	9452-1	11557-70
C9453	C9453	3/8-18 NPT	9453-1	11557-7
C9454	C9454	1/2-14 NPT	9454-1	11557-71

INSTRUCTION SHEET (NOT SHOWN) SEE NOTE 3

ITEM	QTY	DESCRIPTION	PART NUMBER
1	1	INLET	TS450-350
2	1	CLOSURE, INLET & OUTLET (NOT SHOWN) SEE NOTE 3	SEE TABLE
3	1	HANDWHEEL	6600-30A
4	1	KIT, BONNET	C9454-90
5	1	BODY	SEE TABLE

ENGINEERED CONTROLS INTERNATIONAL, LLC.

REGD
REGD CRYO-FLOW
DURHAM, N.C. 27704
THIS DRAWING IS NOT PROPRIETARY INFORMATION.
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VALVE, CRYOGENIC SHUT-OFF
SHORT STEMMED W/ FNPT ENDS

DRAWING NUMBER: C9450 SER

TÜV SÜD Industrie Service GmbH
 0036 - 0 8 2 - 1 4 Rev. 0
 Anlage 5/6 zum Zertifikat

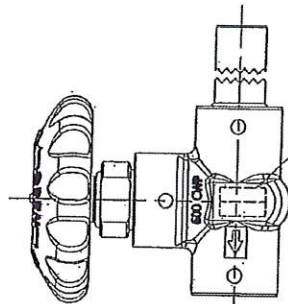
REVISION HISTORY		
REV.	DATE	DESCRIPTION
A	30/11/13	ISSUED
B	20/11/2013	REV

VALVE MEMBER	PRODUCT NUMBER TO STAMP ON BODY	BODY ASSY PART NUMBER	HANDWHEEL	OUTLET	CLOSURE OUTLET	(DIM °C)
C94640W	C94640A	C94645A	6400-303	3/8-18 NPT	11557-7	3.375
C94640G	C94640A	C94645A	6400-303	3/8-18 NPT	11557-7	3.375
C94640A	C94640A	C94645C	6400-30A	3/8-18 NPT	11557-7	1.125
C94640G	C94640A	C94645C	6400-30G	3/8-18 NPT	11557-7	1.125
C94640L	C94640A	C94645S	6400-30L	3/8-18 NPT	11557-7	1.125
C94640A	C94640A	C94645S	6400-30A	3/8-18 NPT	11557-7	2.125
C94640G	C94640A	C94645S	6400-30G	3/8-18 NPT	11557-7	2.125
C94640L	C94640A	C94645S	6400-30L	3/8-18 NPT	11557-7	2.125
C94640S	C94640A	C94645S	6400-30S	1/2-21 NPT	11557-7L	2.125
C94640W	C94640A	C94645S	6400-30W	1/2-21 NPT	11557-7L	3.375

TURN STEEL COUNTER-CLOCKWISE TO BACK THE SEAT FORGET FULLY INTO BONNET (AS SHOWN) AND THEN RE-TIGHTEN THE INLET INTO BODY TO 25-18 FT.LBS. (DO NOT OVERTIGHTEN)

PROTECT STEAM SEALING SURFACES DURING CLEANING AND HANDLING

APPLY 0.0840 01 m OF 11550-008 TO PROTECT THREADED SURFACES TO PREVENT CORROSION. NO SUBSTITUTES ALLOWED WITHOUT ENGINEERING APPROVAL



STAMP PRODUCT NUMBER (SEE TABLE) AND DATE OF MANUFACTURING. THE STD TEXT & FIGURES ON THE VALVE BODY PLAT LOCATED BELOW 600 CHMP

TÜV SÜD Industrie Service GmbH
0036 - 0 8 2 - 1 4 Rev. 0
Anlage 6/6 zum Zertifikat

NOTES

1. CLEAN ALL COMPONENTS EXCEPT HANDWHEEL PER 0-11550-100 JUST PRIOR TO ASSEMBLY.
2. TEST PER 944C-100 USING CLEAN DRY NITROGEN. STORE CLEAN.
3. COMPLETED VALVE WITH CAPS ON INLET & OUTLET. TO BE NEXT-SEEN IN PACKING WITH INSTRUCTION SHEET. OXYGEN CLEAN INFORMATION TO BE INCLUDED IN ON TAG.

INSTRUCTION SHEET (NOT SHOWN) SEE NOTE 3			77460-350
CLOSURE OUTLET (NOT SHOWN) SEE NOTE 3			SEE TABLE
CLOSURE INLET (NOT SHOWN) SEE NOTE 3			SEE TABLE
HANDWHEEL			11557-24
KIT, BONNET			SEE TABLE
BODY ASSEMBLY			C9464-30
ITEM	QTY	DESCRIPTION	PART NUMBER
ENGINEERED CONTROLS INTERNATIONAL, LLC. REZO CRYO-FLOW REZO 10000 HWY 100 BIRMINGHAM, AL 35211 USA AT 11000-2000			