

CHAPTER 7

SPECIFIC EQUIPMENTS

- 7.3: OUTER CASING SAFETY DEVICES

7.3.2: Pression/Depression Safety valve WHESOE 4020A-6"

Item Z 62038



VAPOUR CONTROL

Sharp Street, Worsley, Manchester, M28 3NA

TEL : 0161 790 7741 FAX : 0161 703 1847

FUNCTIONAL TEST CERTIFICATE.

TESTED BY: *L. W. Abbott*

WITNESSED BY: *S. H. P.*

Q.A. CHECKED *[Signature]*

DATE: 15.06.05

| CUSTOMER TYCO VALVES + CONTROLS FRANCE | | | | CUSTOMER REF: 53038851 | | | | W.V.C. REF: 327835 | | | |
|---|------|-----------------|--------------------------------|------------------------|-----------|--------------------|---------------------|---------------------|-----------|---------------------------|-----------|
| ITEM | SIZE | FIG NO | DESCRIPTION | QTY | SERIAL NO | TAG NO | WARRANTY | ACTUAL SET PRESSURE | NAMEPLATE | ACTUAL SET VACUUM | NAMEPLATE |
| 001 | 6" | 4020A | PRESSURE + VACUUM RELIEF VALVE | 1 | 5282481 | 783-02-Z62038 | | 84mm WG | 8 MBAR | 24mm WG | -2.2 MBAR |
| 001 | 6" | 4020A | PRESSURE + VACUUM RELIEF VALVE | 1 | 5282482 | 783-102-Z72038 | | 84mm WG | 8 MBAR | 22mm WG | -2.2 MBAR |
| | | | | | | | | | | | |
| HEAT NUMBERS | | | | | | | | | | | |
| BODY/SIZE/PLATE | | COVER/END-PLATE | | SEAT RING/HOOP | | SPRING BONNET/BASE | | TESTED ON WATER | | SETTING WEIGHTS | |
| | | | | | | | | | | DIAMETER THICKNESS WEIGHT | |
| L239 | | L246 | | | | | | ✓ | | | |
| L239 | | L246 | | | | | | ✓ | | | |
| | | | | | | | | | | | |

TESTED IN ACCORDANCE WITH OUR SPECIFICATION ESMWHESSOE/01/00

**ISO 9001:
2000
APPROVED**



**Lapton-Smallshaw
Castle Castings**
Woodfield Mill
Trafalgar Street
Burnley
Lancs.
BB11 1RH

Tel - 01282 423 229/839 651
Fax - 01282 839 652

CERTIFICATE

We certify that the following items have been manufactured & tested at our works in accordance with the relevant specifications & there has been no unauthorised departure from the original drawings or specifications.

Mechanical & Chemical to DIN 50049 3.1B

CUSTOMER: Safety Systems (Marvac) Ltd

DATE: 4/4/05

| MELT No | DEL' NOTE | ORD.No | PART No | QTY |
|-------------|-----------|--------|----------------|-----|
| <u>L239</u> | 6173 | 40934M | <u>621-6-1</u> | 30 |
| L239 | 6341 | 42500M | 601-2-1 | 10 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

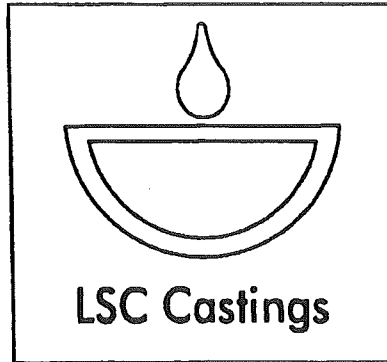
METAL; LM25

| SI | FE | CU | MN | MG | ZN | TI | CR | NI | PB | AL | Tensile | Elong |
|------|------|------|------|------|------|------|------|------|------|-------|---------|-------|
| 7.36 | .404 | .163 | .167 | .338 | .976 | .038 | .014 | .008 | .079 | 91.26 | 142 | 2.4 |

Signed

E-mail - lupton.smallshaw@turkingtons Web - www.turkingtons.com/lupton

**ISO 9001:
2000
APPROVED**



**Lupton-Smallshaw
Castle Castings**
Woodfield Mill
Trafalgar Street
Burnley
Lancs.
BB11 1RH

Tel – 01282 423 229/839 651
Fax – 01282 839 652

CERTIFICATE

We certify that the following items have been manufactured & tested at our works in accordance with the relevant specifications & there has been no unauthorised departure from the original drawings or specifications.

Mechanical & Chemical to DIN 50049 3.1B

CUSTOMER: Safety Systems (Marvac) Ltd

DATE: 11/5/05

| MELT No | DEL' NOTE | ORD.No | PART No | QTY |
|---------|-----------|--------|----------|-----|
| L246 | 6227 | 41433M | 601-12-1 | 3 |
| L246 | 6246 | 41715M | 601-12-1 | 6 |
| L246 | 6360 | 42764 | 121-6-1 | 13 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

METAL; LM25

| SI | FE | CU | MN | MG | ZN | TI | CR | NI | PB | AL | Tensile | Elong |
|------|------|------|-----|------|------|------|------|------|------|-------|---------|-------|
| 7.12 | .433 | .189 | .11 | .265 | .097 | .024 | .014 | .008 | .026 | 91.66 | 141 | 2.3 |

Signed

E-mail – lupton.smallshaw@turkingtons Web – www.turkingtons.com/lupton

EC Declaration of Conformity to:
Pressure Equipment Directive 97/23/EC, 29th May 1999.
ATEX 100A Directive, 94/9/EC, 23rd March 1994,
Potentially Explosive Atmosphere.

Name and Address of Manufacturer within the European Community:

Safety Systems UK Ltd Tele: (0) 161 790 7741
Sharp Street Fax: (0) 161 799 4335
Worsley
Manchester
M28 3NA
United Kingdom

Description of Equipment:

WHESOE Pressure/Vacuum Valves.

Declaration to the PED:

We declare that types, 4020A, 4120A, 4130A, 4142A, are in compliance with the provisions of 97/23/EC Directive when applicable.

Category IV, assessment modules B+D to the Pressure Equipment Directive.

Name and Address of Notified Body which carried out the Production Quality Assessment and who monitors the Manufacturers Q A System to the PED.

Lloyd's Register of Shipping, 71 Fenchurch Street London EC3M 4BS (0038)

EC Certificate of Conformity:

LRQ 080343A

EC Type Examination Certificate:

COV 0212061

Declaration to ATEX.

We declare that Pressure/ Vacuum valves type 4020A, 4120A, 4130A, 4142A, are in accordance with the provisions of 94/9/EC Directive and are intended for use as equipment group II category 1 and have been manufactured according to conformity assessment Annex IV.

Conformity Assessment Procedure followed:

Annex III of the Directive

Name and Address of Notified Body which carried out the Production Quality Assessment and who monitors the Manufacturers Q A System to ATEX.

SIRA Test and Certification Ltd, Rake Lane, Eccleston, Chester, CH4 9JN.

EC Certificate of Conformity:

SIRA03ATEXM256

EC Type Examination Certificate:

SIRA03ATEX9200X

References of Harmonised Standards used:

BSEN13463-1:2001, 1127-1:1998

References of other Technical Standards and Specifications used:

ASME Code Section VIII, PD5500

Authorised Person for the Manufacturer within the European Community:

Signed:



Name: David Ashurst.

Title: Quality Manager.

Date: 4 Sep 03

DoC028_WHESOE_PV

Whessoe

TYCO VALVES & CONTROLS FRANCE
BP 688 ST OUEN L'AUMONE
95004 CERGY PONTOISE CEDEX
FRANCE

15 JUN 2005

COC 000754

CERTIFICATE OF CONFORMITY

Your Order No :53038851

Our Order No :327835

We hereby certify that the following products, supplied on the above order, conform to your Purchase Order and to our standard Quality Control procedures (which are audited and certified according to ISO 9001) and are free from defect.

| Item | Qty | Description | Figure No | Tag Nos |
|------|-----|-------------|-----------|---------------------------------|
| 001 | 2 | | 4020A | 783-02-Z62038 783-102-Z72038 |

for Safety Systems UK Ltd

Autoth
