

FIRE TEST QUALIFICATION CERTIFICATE

DCI Meettechniek B.V.
Stationsstraat 51
Postbus 86
NL-4420 AC Kapelle
Tel. (0113) 344110
Fax (0113) 344100

Item	Ball Valve
Size	3" (DN80)
Class	150
Serial No.	no data
Body material	CF8M
Seat material	NRG
Manufactured by	Habonim Industrial Valves & Actuators Ltd
In accordance with job no.	2009258
In accordance with drawing no.	not applicable

The above valve was tested by DCI Meettechniek BV at their valve testing facilities in Kapelle, the Netherlands and the results have been recorded as PASS, having complied with the minimum performance requirements stated in specification:

ANSI/API Standard 607 Fifth Edition, June 2005
&
ISO 10497-5:2004 (Identical), Testing of valves
Fire type-testing requirements

Test date	May 30 th 2008
Other sizes qualified (table 2)	3", 4", 5" and 6"
Other pressure ranges qualified	150, 300, PN10, PN16, PN25 and PN40

Tested by:


C. Zegers

C. Zegers (DCI)
Date: 30/05/2008

Witnessed by:


P. Deleu (TUV)
Date: 30/05/2008

This certificate must be read in conjunction with the full DCI Meettechniek BV test report number:

84094-R003



Material specification of tested valve

**1/2"-2" C31P/C32P
Material Specification**

Item	Description	Material Specifications	Qty
1	Body	S.S. ASTM A351 CF8M	1
2	Plug	S.S. ASTM A351 CF8M	1
3	Ball	S.S. ASTM A351 CF8M	1
4	Stem	S.S. ASTM A479 316/316L, 17-4PH	1
5	Seat	TFM, MRG, PCTFE	2
6	Body seal	PTFE, Graphite	1
7	Stem thrust seal	NFO	1
8	Stem packing	Hemlock SM , Graphite	1
9	Follower	S.S. ASTM A733 316L	1
10	Disc spring	S.S. ASTM A663 17-7PH	2
11	Stem nut	S.S. ASTM A194 316	1
12	Locking clip	S.S. ASTM A194 304	1
13	Handle	S.S. ASTM A194 430	1
14	Sanitized washer	S.S. AISI 410	1
15	Handle nut	S.S. ASTM A194 316	1
16	Sleeve	Vinyl plastic	1
17	Stop pin	S.S. ASTM A582 303	1
18	Bonnet seal	PTFE, Graphite	1
19	Stem bearing	PTFE	1
20	bonnet bolt	Stainless St. ISO 4014 A2-70	4
21	Spring washer	DN 127 A2	4
22	Bonnet	S.S. AISI 316L	1
23	Anti static spring	S.S. AISI 302	1
24	Anti static ball	S.S. AISI 304	1
25	Flow arrow	S.S. ASTM A167 304	2

Valve Dimensions

STEM DIMENSIONS

ACROSS FLATS: Stem fast show valve tail position

N THREAD

PREPARATION FOR ACTUATION

1/2", 1/4" & 2 1/2" without nut 16

1"-2" with nut 16

agreed DCI

agreed client

agreed authority

name
C. Drenth (LT2)

name

name
P. Deleu (Tuv)

date
30-05-2008

date

date
30-05-2008

