

FIRE TEST QUALIFICATION CERTIFICATE

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

Item	Ball Valve
Size	1½" (DN40)
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 Meettechnik 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	April 23 th 2008
Other sizes qualified	1½" and below; 2", 2½", 3"
Other pressure ranges qualified	150, 300, PN10, PN16, PN25 and PN40

Tested by:




C. Zegers

C. Zegers (DCI)
Date: 23/04/2008

Witnessed by:



P. Deleu (TÜV)
Date: 23/04/2008

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

84094-R002



Material specification of tested valve

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

Item	Description	Material Specifications	Qty
1	Body	S.S.I. ASTM A351 CF8M	1
2	Plug	S.S.I. ASTM A351 CF8M	1
3	Ball	S.S.I. ASTM A351 CF8M	1
4	Stem	S.S.I. ASTM A479 316/316L, 17-4PH	1
5	Seat	TFM, NRG, PCTFE	2
6	Body seal	PTFE, Graphite	1
7	Stem throat seal	NRG	1
8	Stem packing	Hemseal™, Graphite	1
9	Follower	S.S.I. ASTM B783 316L	1
10	Disc spring	S.S.I. ASTM A680 17-7PH	2
11	Stem nut	S.S.I. ASTM A194 316	1
12	Loading clip	S.S.I. ASTM A194 304	1
13	Handle	S.S.I. ASTM A194 430	1
14	Serrated washer	S.S.I. AISI 410	1
15	Handle nut	S.S.I. ASTM A194 316	1
16	Sleeve	Wid plasticol	1
17	Stop pin	S.S.I. ASTM A582 303	1
18	Bonnet seal	PTFE, Graphite	1
19	Stem bearing	PTFE	1
20	bonnet ball	Stainless St. ISO 4014 A2-70	4
21	Spring washer	DIN 127 A2	4
22	Bonnet	S.S.I. AISI 316L	1
23	Anti static spring	S.S.I. AISI 302	1
24	Anti static ball	S.S.I. AISI 304	1
25	Flow arrow	S.S.I. ASTM A167 304	2

Valve Dimensions

STEM DIMENSIONS

PREPARATION FOR ACTUATION

ACROSS FLATS: Sem flats show valve ball position

N THREAD

1/2", 1/4" & 3/8" without nut 10

1"-2" with nut 16

agreed DCI

name
C. Zegers (LT2)

agreed client

agreed authority

date
23-04-2008

date

date
23-04-2008

name
P. Deleu