



REPORT n° : 141546
Operator Mr : C. Vleugels

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BELVEN N.V., Mechelen	References Mrs. S. Daneels	
Apragaz	P16237/001/LMI	
General description of the work : Wafer type Butterfly valves – Model BV10NPA Report concerning Homologation tests according to EN 14432:2006 Place of control Belven NV, Mechelen Date 23/05/2014		

At the request of Mrs. S. Daneels from the company BELVEN NV, Blokhuisstraat 24, B - 2800 Mechelen, we have carried out prototype homologation tests on wafer type butterfly valve – Model BV10NPA according to the requirements of the European standard EN 14432:2006 (Tanks for the transport of dangerous goods – Tank equipment for the transport of liquid chemicals – Product discharge and air inlet valves), manufactured by BELVEN NV.

1. Description of equipment tested :

One piece of every second nominal size stage of butterfly valves with the following characteristics:

Manufacturer and brand : BELVEN
Type : BV10NPA-2466V-BS
Fluids : Any fluid compatible with the internal parts of the valves
Temperature range : -20°C to +160°C
Diameter : DN50, 65, 80, 100, 125, 150, 200, 250 and 300
Max.working pressure : 3,0 bar

2. Tests performed :

The purpose of these tests is to increase the maximum working pressure from 2,5 bar to 3 bar. The valves are type approved for 2,5 bar according to EN 14432:2006 by Apragaz (NoBo 0029, see report L.47.849-a).

Performed test: Valve case hydraulic pressure test according to EN 14432:2006 §7.2.

MWP : 3 bar [300 kPa]
Test pressure = 2,25 MWP, min. 4 bar [400 kPa] : 6,8 bar [675 kPa]
Pressure maintained (min 5 min) : 5 min

Valve	DN	Results
P08000-001	50	No leaks, no permanent deformation
P08000-003	80	No leaks, no permanent deformation
P08000-002	125	No leaks, no permanent deformation
P08000-004	200	No leaks, no permanent deformation
P08000-006	300	No leaks, no permanent deformation

For the other performed tests and inspections see report Apragaz L.47.849-a.

3. Findings :

MWP on identification label to be changed into 3 bar.

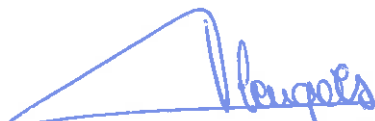

4. Conclusion :

The prototype tests of the above described valves satisfies the requirements of EN14432:2006. Valves manufactured under this type approval and tested according to EN 14432:2006 §8 are in accordance with the standard EN 14432:2006.

Each modification shall be reported to Apragaz in order to examine if this type approval is still valid.

Report L.47.849-a of Apragaz is an integral part of this approval.

Brussels, 23/05/2014
Seen and Approved,
Head of ADR/RID/IMDG Department
Eng. M. Tondeur

Annex: copy of report Apragaz L.47.849-a