



APRAGAZ

Your Inspection Authority

CEOC

REPORT n° : 33770/P05
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Belgium Ventiel N.V, Mechelen	Reference Mr. J. Van den Brande	
Apragaz	0401/P6550/007/ sw	
General description of the work : Certification on prototype for ADR tank equipment Report concerning Certification of ball valve – Type BV 12-2466V Place of control Laboratory Apragaz Date 21/02/2005		

At the request of the company BELGIUM VENTIEL n.v., Mr J. Van Brande located Blokhuisstraat, 24-Industriepark Noord 1 at 2800 Mechelen, we have carried out the examination of the prototype described in view of its certification in accordance with the requirements of R.D. of 09 march 2003 for the class 3,4,5,6,8 and 9.

A. Category of the accessories : Butterfly valve

Manufacturer : BELGIUM VENTIEL n.v.
Mark : BELGIUM VENTIEL n.v.
Type : BV12-2466V
Drawing : Catalogus sheets from Belgium Ventiel (VER. BV/TF/01.01.0)
(copy in our possession).
Material : Body : GGG40 ; Disc : SS316 (stainless steel) ; Body seal : FKM (viton)
Diameter : DN 50
The certification is required for all diameters from DN50 to DN300
Maximum operating pressure : 10 bar
Temperature : from -20°C to + 150°C

B. Description :

The butterfly valves, type BV12-2466V, DN50 to DN300, are designed to be installed on tanks. Disc valve with a direct passage DN50, body between two flanges DIN with four centre holes. Control lever on stem with a fixed head (stem parallel on the body in open position and perpendicular on the body in closed position – 8 positions).

C. Tests and verifications :

C.1. Leak-proof verification:

This has been verified with hydraulic and pneumatic pressures of 2,4,6 and 10 bar applied to the valve in the two directions.
Neither leaks nor permanent deformations have been detected on the tested valve.

C.2. Marking verification :

C.2.1. On the handle :

The presented ball valve is marked on the handle as follow :

OPEN



position nr. 1 to 8

<DISC>

CLOSE

C.2.2. On the body :

The presented valve is marked in the body as follow :

BV Belgium Ventiel NV	Belgium Ventiel NV Mechelen - Belgium	BV10-2466V PR. Rating : PN16	Size: DN50 Body: GGG40	S/N° BVG Disc: SS316/ Seal Viton
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C.2.3. Remark :

The marking on the valve needs to be adapted to the requirements of the ADR and updated with the next elements :

- temperature range (-20°C - + 150°C)
- ADR class

C.3. Material compatibility :

The butterfly valve, type BV12-2466V, can be used in ADR equipment for class 3,4,5,6,8 and 9.

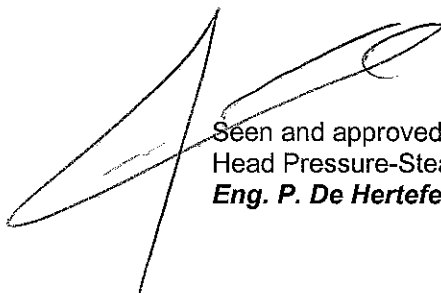
D. Conclusion :

No anomalies have been detected in regard of the safety after examination of the prototype conception and examination of the supplied documents.

The butterfly valves BV12-2466V to the prototype can be used in the previous limits of the ADR for the above mentioned fluids.

By using of the present agreement, the manufacturer and its representative are required to supply the valves without modification and with the same status of fabrication and finality as the prototype examined. All modification on the prototype made by the manufacturer must be submitted to a new examination.

Brussels, 24/02/2005



Seen and approved
Head Pressure-Steam Department,
Eng. P. De Hertefelt