

EC Certificate of Conformity

We, **Société COMAP INTERNATIONAL S.A**
16 , Avenue Paul Santy
69.008 LYON

declare under our own guarantee that the products :

- **Designation** : Balancing valves 750 – 751 – 1752 – 1753

- are manufactured under ISO 9001 quality system. These products are guaranteed for working from – 25°C to + 110 °C and with a pressure of PN16 bar.
- are in conformity with the characteristics stated below :

1 : Material

The casing of the balancing valve was made of **Bronze Cu Sn5 Zn5 Pb5 – C (CC491K)** Standard NF EN 1982 , of which the characteristics are the following :

- Chemical data – reference standard : NF EN 1982

| | | | |
|--------------|------|--------------|--------------|
| - Analysis : | Cu : | min. 83,00 % | max. 87,00 % |
| | Ni : | - | max. 2,00 % |
| | P : | - | max. 0,10 % |
| | Pb : | min. 4,0 % | max. 6,00 % |
| | Sn : | min. 4, 0 % | max. 6,00 % |
| | Zn : | min. 4,0 % | max. 6,00 % |

- Mechanical – reference standard : NF EN 1982

| | | |
|-------------------------------|--------|------------------|
| - Ultimate tensile strength : | RM | = 200 N/mm2 min. |
| - Conventional yield stress | Up to | 0,2 %. |
| | Rp 0,2 | = 90 N/mm2 min. |
| - Yield | A | = 13% min. |
| - Brinell hardness | HB | = 60 min. |

2 : Leak Test

The balancing valves are tested individually for leakage.

The leak test is made under air pressure.

Test pressure : 5 bar - air .

Test Temperature : ambient temperature.

Areas tested for leakage : Body of the balancing valve + Body seat in closed position

Dated : 09/09/2011

Comap Abbeville Quality manager

F. CASTELAIN

Visa :

