FUGITIVE EMISSIONS TEST REPORT

According Standard ISO 15848-1:2006

1. **Name and address of the valve manufacturer**
   ICP Valves S.A.
   C/ Cantabria Nº 2 Pol. Ind. Les Salines - 08830 - Sant Boi de Llobregat - Barcelona (Spain)

2. **Valve size and pressure class**
   Size: 2" - Class: 300 Lb
   Size: 6" - Class: 300 Lb

3. **Valve model number and style**
   Fig. 430 IIT DN- 2" ANSI-300
   Fig. 430 IIT DN- 6" ANSI-300

4. **Method sample selection**
   Random of the stock

5. **Diagram of the test rig and the data of the test equipment**
   Annex I

6. **Date of test**
   2": Since 25/05/09 to 3/06/09
   6": Since 4/06/09 to 16/06/09

7. **Reference standards**
   ISO 15848-1:2006

8. **Test fluid**
   Helium (97% purity)

9. **Valve performance classes achieved**

Tightness class:	CH ($\leq 1x10^{-2}$)
Endurance class:	CO3 (2500 cycles)
Temperature class:	-29ºC to +200º C
Adjustments of gland nut:	0

10. **Valve mounting instructions**
    Annex II

11. **Valve repacking before type test, if applicable**
    Not applicable

12. **Insulation of test, if applicable**
    Glass-fiber and aluminium adhesive tape

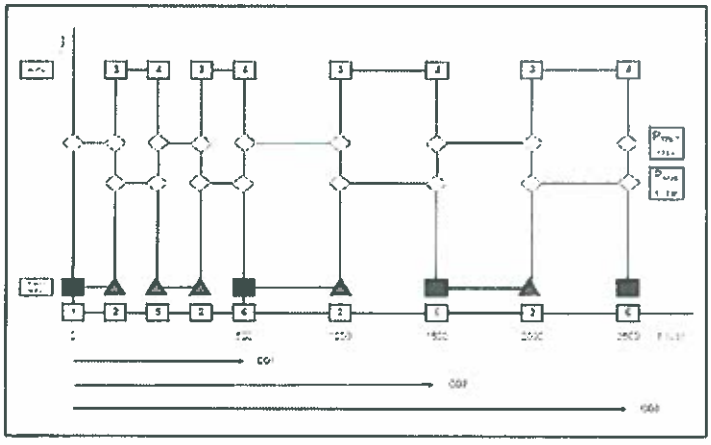
13. Valve operation data

		2"	6"
✓	Valve operating torque:	Maximum torque 58 NM	Maximum torque 495 NM
✓	Gland nut tightening torque:	40 NM	90 NM
✓	Stroke/angle:	90º	90º

14. Description of the actuator

Pneumatic actuator ACTREG ASR80 (2") & ASR1750 (6")

15. Copy of the test profile



16. Detailed results of the test

Annex III

17. Qualification certificate

Annex IV

The specific product data annex:

Annex V:

a) Cross-section valve assembly drawing
b) Bill of materials
c) Stem or shaft seal description, dimensions and specification
d) Body seal description, dimension and specification
e) Material specification of stem seal components
f) Hydrostatic test certificate

Person in charge of the test | **JC Quality Manager** | **SGS Inspector**

QUALITY CONTROL

SGS Tecnos, S.A.