

BURST / TEST RATIO

<u>FOR CARBON</u>	ISO/CD 15869	DOT	EN Standards
	2.35	3.4	3

- SEVERAL MANUFACTURERS USE FOR CNG CYLINDERS BURST RATIO MUCH GREATER THAN 2,35
- ISO 15869 IS PERFORMANCE BASED \implies AGREED TO KEEP 2,35 (Minimum Requirement)
- DURING TYPE TESTS ACTUAL BURST VALUES (BV) SHALL BE NOTED « B₀ »

- DURING BATCH TESTS
$$\begin{array}{l} BV \geq 2.35 \times PS \\ \text{and} \\ BV \geq B_0 \end{array}$$

EXAMPLES – 350 bar – SP CYLINDERS

1) DURING APPROVAL

$$\text{BP} = 1\ 050 \text{ bar (BR} = 3 \text{)}$$

2) DURING BATCH TEST

a) BP = 890 bar (BR = 2,54)

Is it OK ?

b) BP = 823 bar (BR = 2,35)

Is it OK ?