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**Gas cylinders — Design, construction  
and testing of refillable composite gas  
cylinders and tubes —**

Part 2:

**Fully wrapped fibre reinforced  
composite gas cylinders and tubes up  
to 450 l with load-sharing metal liners**

AMENDMENT 1

*Bouteilles à gaz — Conception, construction et essais des tubes et  
bouteilles à gaz rechargeables en matériau composite —  
Partie 2: Tubes et bouteilles à gaz entièrement bobinés en matériau  
composite renforcés de fibres et d'une contenance allant jusqu'à 450 l  
avec liners métalliques structuraux*

AMENDEMENT 1



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This document was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 3, *Cylinder design*.

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# Gas cylinders — Design, construction and testing of refillable composite gas cylinders and tubes —

Part 2:

## Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with load-sharing metal liners

### AMENDMENT 1

*8.5.8.5.2, first paragraph*

Replace the paragraph with the following:

The cylinders shall withstand 3 000 pressurization cycles to 2/3 of the test pressure,  $p_t$ , without failure by burst or leakage. The test shall continue for a further 9 000 cycles, or until the cylinder fails by leakage, whichever is sooner. In either case, the cylinder shall be deemed to have passed the test. However, if failure during this second part of the test is by burst, then the cylinder shall have failed the test.

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