

S.I. 2 of 1996

SEYCHELLES BUREAU OF STANDARDS ACT

(Cap. 212)

Seychelles Bureau of Standards (Standard Specification for Refillable Gas Cylinders) (Amendment) Notice, 1996

In exercise of the powers conferred by section 16(1) of the Seychelles Bureau of Standards Act, the Minister of Industry hereby makes the following Notice —

1. This Notice may be cited as the Seychelles Bureau of Standards (Standard Specification for Refillable Gas Cylinders) (Amendment) Notice, 1996.

Citation

2. The Schedule to the Seychelles Bureau of Standards (Standard Specification for Refillable Gas Cylinders) Notice is hereby amended as follows —

Amendment
of Cap. 212
Sub. Leg.
pg. 1

- (i) by repealing Table 1 of Section Two and substituting therefor the following Table —

"Table 1: Intervals Between Periodic Inspection and Hydraulic Tests

Gas containers for:	Hydraulic Pressure Test	Visual Internal and External Inspection
Permanent and high pressure liquefiable gases including carbon dioxide, oxygen, argon, nitrogen, helium, air, hydrogen.	4 years	
All gases and gas mixtures used in self-contained breathing apparatus, to include self-contained breathing apparatus for fire fighters.	2 years	1 year

Gas containers for:	Hydraulic Pressure Test	Visual Internal and External Inspection
Compressed air for diving (Steel).	2 years	1 year
Compressed air for diving (Aluminium)	4 years	1 year
Low pressure liquefiable gases including ammonia, butane, refrigerant gases, propane	4 years	2 years
Pressurized fire extinguishers	4 years	

- (ii) in clause 3.1 of Section Three by inserting after paragraph (c) the following paragraph —

"(d) all aluminium diving cylinders".

- (iii) by repealing clause 3.2 of Section Three and substituting therefor the following clause —

"3.2 Hydraulic Volumetric Expansion Test

The test pressure applied shall be that marked on the container or as stipulated by the manufacturer, or 5/3 of working pressure.

The permanent volumetric expansion of the container expressed as a percentage of the total expansion at test pressure shall not exceed 10% or as stipulated by the manufacturer.

If the test is carried out by means of the non-water-jacket method, the container shall be examined for signs of leakage when subjected to the test pressure.

If the permanent volumetric expansion exceeds 10% of the total expansion at test pressure, or the manufacturer's stipulated value, the container shall be rejected and destroyed in accordance with clause 3.4

I however, where it can be clearly established that apparent excessive permanent volumetric expansion of a container is the result of a fault in the test equipment the container may be retested. Where the cylinder may have been over-pressurized, the test shall be carried out only after reheat treatment."

- (vi) in Appendix A by repealing References after clause A.4.5 and substituting the following —

"REFERENCES

L'aire Liquide Seychelles (Ltd.), Direction Technologie
Industrial Gas Committee Document 16/85/E

Indian Gazette Notification GSR 77

British Oxygen Company (Journal 1987)

BS 5430, Part I, 1977

BS 5430, Part II, 1977

BS 5430, Part I, 1990

BS 5430, Part III, 1990

Acknowledgement is made for the use of information from the above publications."

MAD: this 15th day of December, 1995.

RAI PIH ADAM
MINISTER OF INDUSTRY