SOLID O2 | MEDHBOT

MedHBOT Standards & Compliance

Professional standards for equipment, operator competence, servicing and documented site support.

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Important disclaimer

This document is educational and operational guidance. It is not a statutory classification, legal exemption, regulatory approval, medical-device determination, hospital HBOT service, external accreditation, legal advice or medical advice. Applicable requirements depend on the actual equipment, intended use, technical specifications, installation and operating environment.

Contents

Contents 2

Purpose and positioning 3

The Three Pillars of MedHBOT Site Compliance 3

1. Verified equipment and documentation . . . 3

2. Servicing within the required interval . . . 3

3. Qualified operator coverage . . . 3

Professional operating environment 3

Status terminology 3

HM certificate role 4

Pressure and model-specific limits 4

Assessment and limitations 4

Purpose and positioning

MedHBOT is a distinct operating environment, but Solid O2 applies professional hyperbaric safety principles, structured operator training and documented competency standards appropriate to the equipment and treatment environment being used.

The Solid O2 MedHBOT framework incorporates relevant internationally recognised hyperbaric, human-occupancy, pressure-safety, oxygen-safety and operational principles where reasonably applicable to the specific MedHBOT equipment and environment.

MedHBOT is Solid O2's educational and commercial term for its controlled medium-pressure operating model. It is not a statutory category and does not by itself determine regulatory status.

The Three Pillars of MedHBOT Site Compliance

1. Verified equipment and documentation

- Assessment attaches to the individual chamber system and serial number, not simply to a site name or address.
- Record identity, configuration, manufacturer documents and approved operating parameters.
- Review installation, oxygen delivery, safety components and traceable service or repair records.
- Record an HM certificate only as one evidence item and state its current status accurately.

2. Servicing within the required interval

- Service at least annually or every 1,000 operating hours, whichever occurs first.
- A shorter manufacturer interval always takes precedence.
- Record operating hours, service dates, faults, repairs and replaced components.
- Overdue or unresolved items change the current compliance status.

3. Qualified operator coverage

- Qualification belongs to the trained individual; it is not permanently attached to a chamber or site.
- Portability requires current certification or recertification and required revision training.
- Competence on the specific equipment and a site induction must be documented.
- The operator must remain within the authorised scope.

Professional operating environment

A chamber is only one component of a professional MedHBOT environment. The framework expects suitable equipment, correct installation, trained operators, documented procedures, client screening, scheduled servicing, maintenance, local repair pathways, traceability, warranty support and ongoing technical assistance.

Status terminology

Status is dynamic and should identify what was reviewed, for which system or person, and as at which date.

Status	Meaning
Confirmed	Required evidence was reviewed and confirmed as at the stated date.
Under review	Evidence was submitted but assessment is incomplete.
Action required	A defined document, service, training or installation item must be resolved.
Expired or overdue	A time-based service, training or certification requirement is no longer current.
Not verified	Solid O2 does not hold sufficient evidence to confirm status.

HM certificate role

A Hyperbaric Manufacturers certificate may form part of the equipment evidence pack. Its state should be recorded as supplied, under review, confirmed, expired or not verified, as applicable. HM is not presented by Solid O2 as a regulator, and the certificate does not by itself establish site compliance, legal compliance or external accreditation.

Pressure and model-specific limits

Solid O2 presently describes MedHBOT as a controlled medium-pressure environment generally within approximately 1.3 ATA to 2.2 ATA. This is an educational operating description, not a universal legal boundary. The manufacturer's approved operating parameters and verified limits of the individual chamber system always take precedence.

Assessment and limitations

A Solid O2 assessment may review equipment identity and records, servicing position, operator coverage, procedures and support requirements. Assessment does not automatically classify a chamber as MedHBOT, confirm legal compliance or replace formal regulatory determinations.

Solid O2 does not provide hospital HBOT through this framework and does not claim that MedHBOT carries hospital accreditation or equivalent clinical status.