

Medical gas system quarterly maintenance checklist

A quarterly medical gas system round is short on purpose: it catches the wear items that fail between annual services. This checklist is sized for a tech with a phone. Every item says what to look at and the photo that proves the round happened. Work is commonly verified against NFPA 99. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The facilities or medical gas maintenance tech on the quarterly round, alongside clinical staff where patient areas are entered. When: Every quarter, timed so the source equipment and the alarm panels are checked on the same pass since a source event should show at the panel.

Source and manifold

- ☐ **Oxygen, medical air and vacuum source status observed**
Each source in normal operation, in-use and reserve banks reading as expected, no source in an alarm or changeover-locked state. 2 photos required
- ☐ **Manifold and cylinder area condition checked**
Cylinders secured and segregated full from empty, manifold regulators steady, no hissing or frost at fittings, ventilation and signage intact. 2 photos required

Alarms

- ☐ **Master and area alarm panels showing normal**
Panels reading normal with no active or muted alarms, lamp/audible test exercised, gas and zone labels on each panel legible. 2 photos required

Zone valves and outlets

- ☐ **Zone valve boxes labeled and accessible**
Each valve box labeled for the gas and the area it serves, window intact, nothing stored in front of it, valve position as expected. 1 photo required
- ☐ **Station outlets condition checked, no leaks or odor**
Outlets hold and release a probe without dragging, faceplates and gas-specific fittings intact, no hissing at the wall and no odor in the room. 1 photo required