

Duties of a Manifold Operator



Checking Cylinders

- Every morning, check all the cylinders in the manifold room to ensure that they are firmly secured and tightly connected
- Each shift (every 8 hours) check manifold pressure gauges : 1-bank (section) should be having “full cylinders” and other-bank (section) should be “in-use cylinders”
- In all cylinders, check all the connections (threaded joints) with soap/detergent water solutions for leakage
- Demarcate and store “Full” and “Empty” cylinders separately with clear identification labels (to avoid any mix-up)



Using and Replacing Cylinders

- Use cylinders from one side of the manifold cylinders bank, either from the right side or the left side
- Ensure that all the cylinders from the side in use are sent for refilling as soon as they are empty, while starting the use of filled cylinders from the other side of the cylinder bank
- After checking the manifold room, take a round of the hospital to check all the oxygen outlets and know about its functional status from staff posted there
- Place order for refilling of the cylinders in consultation with the authorized officer



Repair and Maintenance of Cylinders and Manifold

- Maintain a stock of spare parts in the manifold room
- Co-ordinate & make arrangements for repairing any defects and leakages in the bedside outlets, the pipeline or in the main manifold room
- Bring all the major problems to the administrators' attention



Other Responsibilities

- Arrange for the Nitrous cylinders in the operation theatres if there is no central supply of this gas
- Ensure supply of Oxygen to those areas in the hospital that do not have central pipeline
- Help OT Technician in the maintenance of the Boyles machine
- Change the cylinders in the wards, by replacing empty cylinders with filled ones
- Maintain shift-wise Log-Book to register records of stock, usage, operational data, consumption, repairs, etc.
- Do not allow unauthorized personnel to handle, operate or repair the manifolds or cylinders

Disclaimer : This poster has been adapted and customized from PATH's Oxygen Delivery Toolkit.