Medical Oxygen Fire Risk
Mitigation Measures
Intended for health workers and all personnel managing medical oxygen

Prepare Actions

- **DO REGULAR EQUIPMENT CHECKS**
  - Check regularly the fire extinguisher and all the detection and alarm systems.

- **TRAIN AND CERTIFY ON FIRE DETECTION, ALARM SYSTEMS AND EXTINGUISHER SKILLS**
  - Staff should know how to activate the alarm and where the safety equipment is located. Do staff training on extinguisher types and use.

- **KNOW THE FACILITY EMERGENCY BRIGADE PROCEDURES AND EVACUATION PLAN**
  - Know the patient triage classification for evacuation process.
  - Learn and practice evacuation drills considering the different medical gases densities.

- **KEEP OXYGEN SUPPLY AND USE AREAS CLEAN AND VENTILATED**
  - Ensure that clinical use spaces and all surrounding areas of the oxygen sources (e.g., PSA, bulk tank) are kept clean and well ventilated.

Response Actions

- **SOUND ALARM AND CALL FIRE BRIGADE**
  - Have easy access to emergency contact numbers and fire alarms.

- **ACTIVATE EVACUATION PLAN**
  - Prioritize evacuation with those who are most exposed to danger.

- **VERIFY AND TURN OFF ELECTRICAL SYSTEMS LINKED TO OXYGEN SOURCES**

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