

AUDIT

7.2: Mechanical Services (Medical Gases)

Checklist

Performance and Compliance Check Level 1 and Level 2 Faults

LEVEL 1

- ☐ Are the materials used fit for their intended purpose and where required appropriately authorised?
- ☐ Has the gas system been installed correctly?
- ☐ Where required does the installation have isolating valves?
- ☐ Has the pipeline, junctions and termination points been identified / coloured as required?
- ☐ Is the gas cylinder system and change over pipe connections in accordance with the standard?

LEVEL 2

- ☐ Is the workmanship performed to an acceptable standard?
- ☐ Are all exposed pipelines protected from physical damage?
- ☐ Is there adequate access for servicing?
- ☐ Does the installation maintain adequate clearances from other services?
- ☐ Are the pipelines correctly supported?
- ☐ Have the required records / instructions and as - installed drawing been provided to the facility?
- ☐ Has the installation been commissioned?
- ☐ Where required, has a modification application been submitted and approved?
- ☐ Have the manufacturer's installation instructions been adhered to?
- ☐ Has the class of plumbing been indicated on the compliance certificate?
- ☐ Where relevant, has documentation for a performance solution been provided?



REFERENCES

Does the installation comply with the minimum industry standards:

- AS/NZS 2896: Medical gas systems – Installation and testing of non – flammable medical gas pipeline systems
- AS/NZS 2473.3: Valves for compressed gas cylinders Part 3 Outlet connections for medical gases (including pin – indexed yoke connections)
- AS/NZS 2568: Medical gas systems - Low pressure flexible hose assemblies
- AS/NZS 2902: Medical gas systems – Low pressure flexible hose assemblies
- The relevant manufacturer's installation instructions
- The *Plumbing Regulations 2018*

NOTES

The standards and audit items listed on this checklist are intended as a guide only and are not an exhaustive list.

Other standards may be applicable to the installation and should be referenced as required, additionally Audit items may alter dependent on actual work conducted and final installation.

Practitioners are advised to check that they are using the most current edition of the prescribed standards at the time of installation.