The Quality Pathway - Defect Avoidance

Piped Services



To facilitate this ambition of getting the quality right, these checks should take place:

- ➤ If carbon steel pipework is being used ensure M&E subcontractor understands and adheres to manufacturer's recommendations for storage, installation, flushing, pressure testing and chemical treatment
- Ensure all valves are fully accessible, bear in mind insulation may further reduce access
- > Ensure there are no valves on pipework to expansion vessels
- ➤ Test for noise / water hammer in domestic water services caused by inadequate pipe supports and over pressurisation
- > Ensure suitable expansion loops, bellows and anchor points are installed for all pipework
- Ensure all valves and drain points are fitted in accessible positions
- > Ensure all pipework is pressure tested prior to installation of ceilings or other finishes
- Ensure holes through structure are big enough to allow for the full thickness of insulation
- ➤ Ensure insulation and vapour barrier are continuous on chilled or cold water pipework, particularly where passing through structure
- > Ensure pipework is chemically cleaned and water quality is checked and maintained

