The Quality Pathway - Defect Avoidance

Service Risers



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

- > Before commencing work ensure that the risers are watertight and have safe access
- > Consider practicalities of pre-fabricated riser modules to minimise installation issues and improve quality
- > Establish fire compartmentation requirements and ensure this is coordinated with services
- > Ensure access requirements are identified for all equipment
- > Ensure there is sufficient space to fit thermal insulation without bridging services
- ➤ Ensure that there is sufficient space carry out maintenance
- ➤ Make sure that the holes in the structure for services passing through floors are correctly aligned from floor to floor
- Ensure all services are adequately supported from walls or secondary steelwork
- Ensure correct fixings are used for electrical cables on vertical cable trays
- Check if the riser requires fire detection
- > Where gas pipe work is installed ensure riser is ventilated
- Check adequate space has been allowed for fire stopping and building in of fire damper frames

