

Tom Edge

Technical Director
CEng FCIBSE MIHEEM



Personal Summary

Tom is a past Director of Clancy Consulting, based in the Manchester office he has an extensive knowledge base associated with most aspects of Mechanical Engineering Building Services, including healthcare, industrial, commercial, retail, education, leisure, blue light and residential sectors. Tom's 45-year career has included several high-profile positions engaged in a senior capacity by major Consulting Engineering firms and leading Mechanical Services Contractors. Tom's role includes providing internal quality management audits, companywide technical advice and support to colleagues, plus responsibility for design, specification and commercial management of various projects within the UK and overseas.

Tom's experience relates to advising clients about professional appointments, latent defects, compliance issues, distressed projects, technical investigation and remedial work schemes.

Experience

Surveying and technical examination of failed soil and waste pipework systems in medium rise student accommodation buildings, the preparation of reports identifying the issues with options and risk assessments for replacement. Planning, design and management of the extensive refurbishment requirements.

Surveying and technical examination of a hospital's failed plastic pipework low temperature heating system, including pipework expansion and contraction control issues, laboratory analysis of materials and review of conflicting manufactures technical data.

Investigation the failure of an air to water heat pump heating system serving a 12-month-old new build medical centre, including recommendations form replacement and negotiations with building control to allow replacement with a conventional high efficiency system. Technical support to the Clients Solicitor during financial negotiations with the responsible contractor.

Investigation into the quality of design and installation work and the failure of boosted cold water mains in several high-rises (18 storey plus) buildings. Preparation of a scheme of phased remedial work and replacement.

Investigation into the failure of mains pressurised domestic hot water and soil/waste systems in an eight-storey block of apartments. The survey of this building also reviled failures in the fire stopping of engineering services passing through fire barriers and compartments.

Investigation into the major failure of a hospitals medium temperature heating system distribution pipework, plant and equipment including forensic analysis of pipe joints and water samples, identifying poor commissioning, poor water quality and very poor installation quality management.

Materials failure and analysis experience into 'stress corrosion cracking' of brass fittings on chilled water systems (due to ammonia concentrate leaching out of insulation).