

Project Completion Report

TR3017c



Train Depot

Replacement of Leaking CWST including a Temporary Mains Bypass



Project Brief

Titan Mechanical Services Reference: TR3017c
Site address: Train depot
Project start and end date: 27th November 2019 to 12th December 2019
Report prepared by: Gail Harries

Scope of Works:

Replace existing leaking CWST with new sectional tank measuring 3m x 1m x 2m. Install and commission a temporary bypass of the mains supply to maintain down services throughout.

Methodology

- Supply and install a temporary bypass within the plant room area to supply the system during the project - **Complete**
- Isolate, drain and remove the existing leaking cold water storage tank from site measuring 3m x 1m x 2m. - **Complete**
- Remediate the base to ensure it is level - **Complete**
- Supply and erect a new sectional GRP split cold water storage tank measuring 3m x 1m x 2m including internal and external ladders, raised chambers, high- and low-level switches. - **Complete**
- Refill, clean and disinfect before commissioning new cold-water storage tank - **Complete**
- Removal of bypass and associated connections - **Complete**

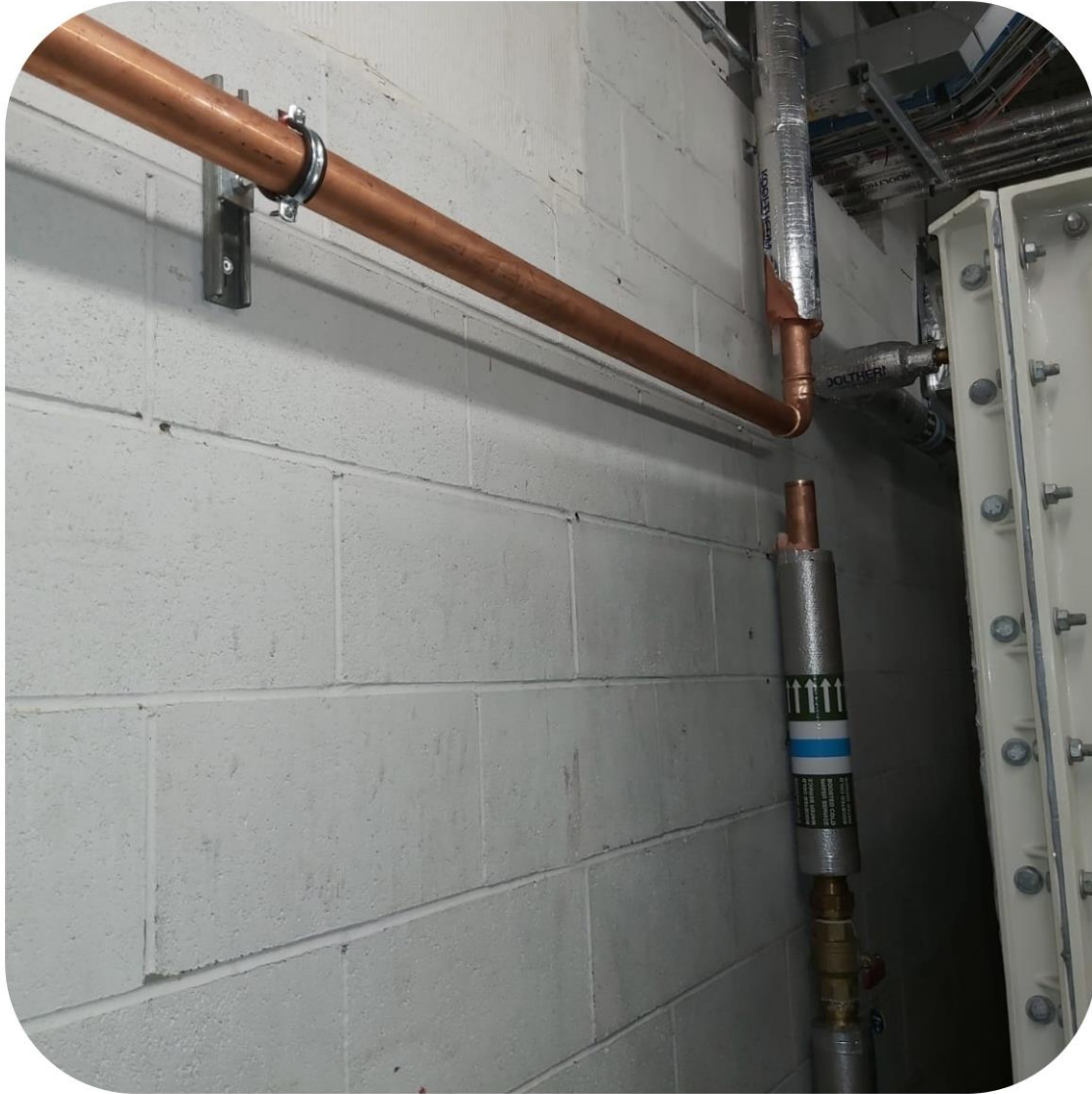
Photographic evidence of works completed

Picture below shows the installation of a new temporary mains bypass pipework.



Photographic evidence of works completed

Picture below shows the connection point of the new temporary mains bypass.



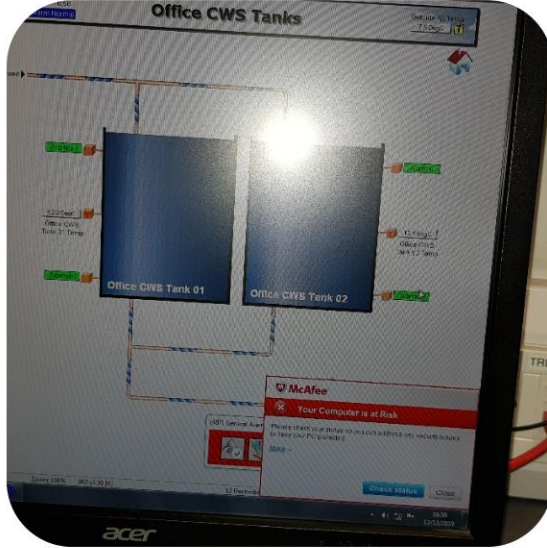
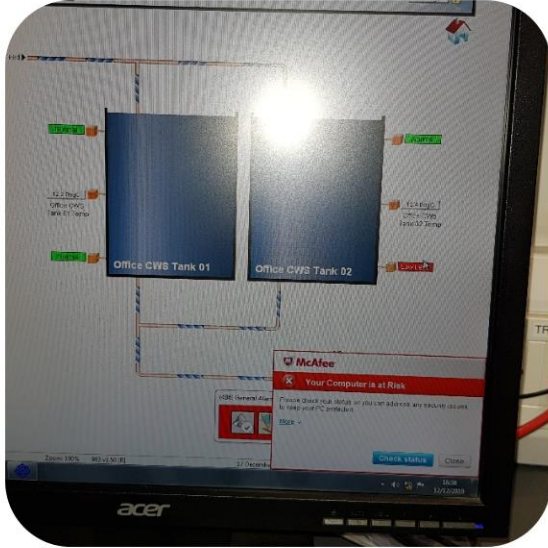
Photographic evidence of works completed

Pictures below show old tank prior to and directly following removal.



Photographic evidence of works completed

Pictures below show the newly installed tank, including confirmation that the BMS system is connected to the high/low level switches and operating correctly.



Photographic evidence of works completed

Further pictures of the newly installed tank.

