



Investigations/Repair Advisory Services/Life Cycle Costing/Technically Led Project Management

Condition Audit, Structural Capacity Check and Remedial Recommendations

Condition Assessment and Capacity Check for Structural Beams in a Pharmaceutical Plant

A condition assessment and structural capacity check for the beams at a production facility of a pharmaceutical plant were carried out. The assessment comprised of a visual inspection to ascertain the general condition followed by detailed testing involving ultrasonic thickness gauging. The occurrence of all observed defects with their extent and severity was recorded. A structural check was carried out to evaluate the structural adequacy and integrity against the existing and anticipated increased loading conditions that the structure would take in the future.

An engineering report documenting the findings of the condition assessment and capacity check was prepared. Ascent was retained to carry out focused detailed inspection of critical areas and propose remedial recommendations in the form of method statements and technical specifications for rectification of the observed defects.



Project Profile