

LOAD TESTING OF RCC FRAME BUILDING

A leading player in the manufacturing sector wanted to get one of its manufacturing facilities tested for cracks that had appeared in the building structure. In a joint assignment by **Inl Consulting** and **IIT Bombay**, instrumentation was done to assess the load-worthiness of the building and the nature of cracks.

Strain Gauges and Deflection Transducers were used to measure the response across cracks at different load steps up to a maximum of 50% of Proposed Live Load. The response measured under various load steps was recorded and reported to **IIT Bombay** for further analysis.