

## Library of Birmingham integrated with REP Theatre, Birmingham

Development of New Public Library



### The Project

The Library of Birmingham is a public library in Birmingham, situated on the west side of the city centre at Centenary Square, beside the Birmingham Rep Theatre to which it connects, and with which it shares some facilities.

The library, which is estimated to have cost £188.8 million, is viewed by the Birmingham City Council as a flagship project for the city's redevelopment. It has been described as the largest public library in the United Kingdom, the largest public cultural space in Europe, and the largest regional library in Europe.

### Systems Installed

Automatic sprinkler system in accordance with BS EN 12845 incorporating Life Safety & Dry Riser systems in accordance with BS EN 9990.

Automatic Sprinkler System:

Water Supplies:

2 No. Half Capacity Storage Tanks inc.

infill riser pipes and automatic infill valves

2 Electric Motor Driven Sprinkler Pumps

1 Electric Motor Driven Jockey Pump

Delivery Pipe Work serving Wet Pipe Installation Control Valve Sets

Life Safety By-Pass Arrangements

Life Safety zone valves

### Risk Covered

Ordinary Hazard Groups 3 & 4,

High Hazard Storage to BSEN12845

Nitrate Storage to NFPA40 & Glazing protection.



**Client :** Emcor Manchester

**Value :** £1.03 Million

**Complete** May 2013