

ROYAL LONDON HOSPITAL TOWER HAMLETS

PROJECT PROFILE



“ Choosing Mansfield Pollard with their unrivalled technical expertise and independently tested products was our guarantee of project success ”

CHALLENGES:

The new 17 storey Royal London Hospital occupies an area equivalent to 40 football pitches.

The five 2MVA diesel generators on the **13th floor plant room** were to deliver critical stand-by power to the hospital.

MP Acoustic Control were tasked by a consortium led by the main contractor Skanska UK Plc, to reduce the **engine noise levels to 70dBA at 10m** from the 13th floor building louvres.

OUR SOLUTION:

Mansfield Pollard provided a **dedicated team** of engineers to deliver the project from consultancy to installation.

Due to the installation restrictions, the **custom built, drop-over acoustic enclosures** were supplied 'flat construction' to enable a full on-site build.

The enclosures themselves were designed with **integral inlet and outlet attenuators** and fully **motorised dampers** to manage airflow.

 **CUSTOM BUILT ENCLOSURES, FLAT CONSTRUCTION METHOD**

 **INTEGRAL ATTENUATION AND MOTORISED DAMPERS**


 **ONE COMPANY FROM DESIGN TO INSTALLATION**


 **100% ON-TIME & ON BUDGET**





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