

MAT WORKS TO A TIGHT DEADLINE AT RAMSAY HEALTH CARE'S RENACRES HOSPITAL

Medical Air Technology (MAT) recently completed an operating theatre project at Ramsay Health Care's Renacres Hospital in Ormskirk. The hospital is committed to ongoing investment in advanced medical technology and decided to bring its operating theatre suites up to the latest standards outlined in HTM 03-01 and also install new heating, ventilation and air conditioning (HVAC) systems in both its ultraclean and conventional theatres. New endoscopy and recovery areas completed the upgrade. MAT is a specialist contractor with wide experience in healthcare critical ventilation and has undertaken many projects at Ramsay Health Care sites, so Renacres Hospital knew the team could be trusted to deliver a successful outcome.

The extensive programme had to be carried out to a very tight deadline – MAT had less than a month to complete everything, sequencing work to ensure certain services remained available. In addition, the project ran over the Christmas and New Year period. MAT was able to take Ramsay's design brief and develop this into a scope of works that could be delivered to a high standard within a short period of time while allowing normal hospital activities to be carried out with no disruption. MAT's highly skilled site management, design and project team worked closely with Ramsay staff and engineers to ensure the project was delivered successfully, with handover taking place a full five days earlier than stipulated.

The project started with an extensive survey of existing systems to assess the scope of works and timeframe required. Existing supply and extract systems were stripped out and replaced with new HTM 03-01-compliant supply and extract air handling systems. The existing HVAC control system was fully replaced and upgraded where necessary to support the new plant installation. A strategy was developed to adapt and modify existing ductwork to ensure HTM 03-01 compliance, including the installation of pressure stabilisers within theatres. A detailed fire strategy was developed and automatic fire and smoke dampers were installed into existing and new ductwork, as well as improvements to fire barriers. Works also included upgrading of doors and finishes to Theatres 1 and 2 and provision of a new scrub room.

MAT offers a wide range of services so is able to respond flexibly and quickly to the specific needs of each client, providing all the benefits that come from working with a specialist contractor. With its own in-house UK manufacturing facility and dedicated team of highly skilled engineers, MAT designs, manufactures, supplies and installs bespoke critical ventilation solutions and undertakes turnkey specialist contracting for demanding clinical arenas including operating theatre suites, aseptic suites, sterile services, critical care, cleanrooms and containment laboratories. Clients can choose from several options, ranging from UCV canopy and specialist equipment packages right through to a total turnkey package, ensuring they get exactly the solution they need. In addition, MAT FM can provide a range of competitively priced and highly effective service and maintenance packages for all core products and turnkey solutions offered by MAT or other suppliers, ensuring that equipment is maintained, serviced and validated correctly for optimum performance.

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