

QLD Concrete Drilling & Sawing Pty Ltd



THE CONSTRUCTION OF THE AIR ON BROADBEACH apartment tower demanded top performances from all the contractors involved. Before the work could begin, necessary demolition of parts of the existing structure took place on several levels. On this particular site, local company QLD Concrete Drilling & Sawing's role in demolition work was minimal instead focusing their efforts on what they do best: large diameter and volume core drilling and wall sawing.

The benefits of sawing and drilling with diamond tools include lower total project costs, precision cutting, maintenance of structural integrity, reduced downtime, reduced noise, dust and debris, limited access cutting and the ability to cut heavily reinforced concrete.

With experience in everything from mining to high-rise developments, the company's ten years in the business has crystallised into a tight-knit crew that specialised in the latest drilling and sawing techniques available.

Says the company's proprietor Robert East "We consistently maintain the edge over our competitors on jobs like this because we take pride in our commitment to customer service, professionalism and safety standards. Our policy as a company is to keep up with the latest procedures and processes from overseas including diamond wire sawing, originally developed for use in extracting rock from quarries. The technique takes care of irregular configurations and is ideally suited for cutting concrete thicker than 700mm."

Mr East said that the company's main priority was to supply safer and more cost-effective solutions to the client. "And in the interests of OH&S we make sure that our equipment is replaced regularly and operators are fully trained in all aspects of concrete cutting which is reflected in our 100% safety record over the last ten years," he said.

Using the latest diesel, electric and hydraulic equipment, the industry leader was responsible for providing solutions for a range of on-site situations, including an efficient method of cutting individual door and window openings to specifications. Other jobs presented more extreme challenges. On all levels, core drilling was performed to enable concrete reinforcement but from levels 10 to 30,



the crew took to the exterior of the tower using a swing-stage to cut cores from the side of the building.

Other work involved large scale removal of concrete walls and beams for both cosmetic and structural purposes as well as extensive use of core drilling throughout the building to provide precise conduits for electrical, fire sprinklers and other internal work.

Logistically, the main considerations of the work were operator safety, concrete thickness and reinforcing content; not to mention the issue most critical to all contractors on the site, working around an operational shopping centre in a major tourist area.

Giving his unique perspective on the combined effort that has produced the striking and innovative 'Air On Broadbeach', Mr East kept it simple: "It's a real achievement and one that our company is proud to have been associated with," he said.

At the time of writing, QLD Concrete Drilling Sawing are presently on the site, bringing their work to a close as the construction nears completion.



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