

Quay Quarter Tower

TROX



Location	Sydney
Product	Active Chilled Beams
Scale	88,000 m2
Builder	Brookfield Multiplex
Mechanical Engineer	ARUP
Completion	2022

The unique design of this striking new office tower adjacent to Sydney's picturesque Circular Quay, posed many challenges for the mechanical design engineers.

The limited ceiling void and areas with acutely angled walls necessitated some innovative chilled beam designs.

The chilled beam system was tested for performance and occupant comfort during 4-weeks of project-specific testing at TROX Malaysia chilled beam test facilities.

The results demonstrated that an excellent indoor climate is provided by the 3000+ TROX DID642 active chilled beams supplied to the project, and validated a PMV well within +/- 0.5 and a PPD well below 10%.



