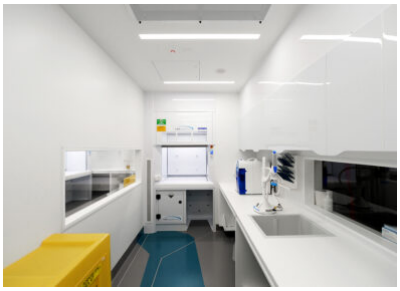
arete







Monash University Clean Labs Project (ISO4 & ISO6)

In early 2021, arete Australia was awarded the $4 million Lump Sum contract to deliver the Monash University Clean Labs Project (ISO4 & ISO6) project.

Construction of the new ISO4 & ISO6 Clean Rooms was within the existing rooms of Building 28, Monash University Clayton campus. The clean lab was constructed for the new Head of School of Earth, Atmosphere & Environment (EAE), Professor Andrew Mackintosh.

The cleanroom laboratories were not required to have PC classification but were required to be ISO Class 4 compliant, pursuant to ISO 14644-1:2015: Cleanrooms and associated controlled environments - Part 1: Classification of air cleanliness by particle concentration.

The most important aspect of the clean room design was the HVAC systems which have specific requirements for air changes per hour and air flow patterns with significant plant to service the lab on the low level roof of the building.

The project was completed in a fully occupied and operational University environment and was both technically challenging and rewarding for all parties involved, resulting in a world class research facility.

Practical completion was reached in early 2022.

arete Australia Pty Ltd
arete.com.au

Client
Monash University

Consultants
Wood
John Mullen & Partners (JMP)
Simon Wragg & Associates

Value
$4M

Awards
2023 AIB Winner, Victorian Professional Excellence Award, Interior Construction | Thomas Robertson
2023 Australian Institute of Building Winner, Victorian Professional Excellence Award, Research, Development & Technology | Thomas Robertson

Victoria
Telephone +61 3 8420 1200
658 Church Street
Richmond, VIC 3121 Australia

Queensland
Telephone +61 7 3054 1555
14 Fox Street
Albion, Qld 4010 Australia