

Capabilities

- Refrigeration & Heat Pump system concept designs
- Heat load calculations and assessment
- Project definition & specification
- System upgrade and replacement advisory
- Refrigeration fault tracing & root cause analysis
- Project implementation & review
- Cooling & heating design review

Key Customers & Projects

- ASC Pty Ltd
 - Collins Class refrigeration equipment upgrade design
- Cold Logic
 - Environmental Control Unit Development
- PWR Advanced Cooling Technology
 - Low heat radiation chiller system prototyping
- Adelaide Wind Tunnel
 - Construction Management & Detail Design
- VA Filtration
 - Combined Heating & Cooling Process System Design
 - Vacuum Still Process Optimisation
- Coopers Brewery/ Cold Logic
 - Maltings Refrigeration Plan & Kiln Preheat System Design & Project Management

Expertise & Advantage

- 2-phase vapour compression concept & detail system design (cooling & heating)
- Energy efficiency optimisation analysis
- Plant part loading & short cycling analysis
- Process fault finding & analysis
- Functional control description development
- Project & production management
- Monte Carlo Simulation system development & application
- Business governance & risk systems

Accreditation & Memberships



Dr Michael Riese, Managing Director
PO Box 51, Blackwood, SA 5051, Australia
m: +61 (0)439 848 927 e: michael@nordkraft.com.au