

RCR HEAT TREATMENT
CAPABILITY

OUR COMPANY

RCR HEAT TREATMENT

RCR Heat Treatment (RCR HT) provides workshop and on-site heat treatment services throughout Australia from its base in Welshpool, Western Australia. RCR HT's experienced heat treatment technicians and metallurgists provide the best technical advice in the industry.

RCR HT's main operation has one of the most comprehensively equipped facilities in the Southern Hemisphere, housing the largest permanent stress relieving furnace in Australia. Our site services operate in the toughest mining environments, the most demanding petroleum industry operations, and in our client's workshops.

WORKSHOP SERVICES

RCR Heat Treatment's workshops operate furnaces 24 hours a day to provide rapid turnaround. We are known for our responsiveness to our clients time challenges. To allow full traceability, all automated furnaces are permanently recorded.

Our services include:

- Stress relieving
- Normalising, annealing & solutionising
- Carburising & controlled atmosphere hardening*
- Induction hardening*
- Water quenching*
- Cryogenic heat treatment*
- ISO 9001 accredited
- NATA (National Association of Testing Authorities) accredited mechanical testing*
- Post weld heat treatment
- Post chroming de-embrittlement
- Curing of coatings
- Refractory dry-outs

* Welshpool workshop only



CAPABILITIES

SITE SERVICES

RCR Heat Treatment has unrivalled equipment capacity that includes electric resistance, induction and combustion heating. These services are available throughout Australia and New Zealand.

Our services include:

- Preheat for welding
- Localised PWHT and PWHT of large/fixd plant
- Expansion fitting
- Refractory dry-out
- Curing of coatings
- High temperature processes - normalising, solutionising etc



RCR WIRELESS TECHNOLOGY

RCR Heat Treatment has the latest technology in wireless remote monitoring and control equipment. Our systems offer electronic data capture and storage, particularly suited to large projects and shut down work.

RCR Wireless Technology advantages include:

Reduced costs

- Reduced labour on-site due to remote monitoring & control

Safety Features

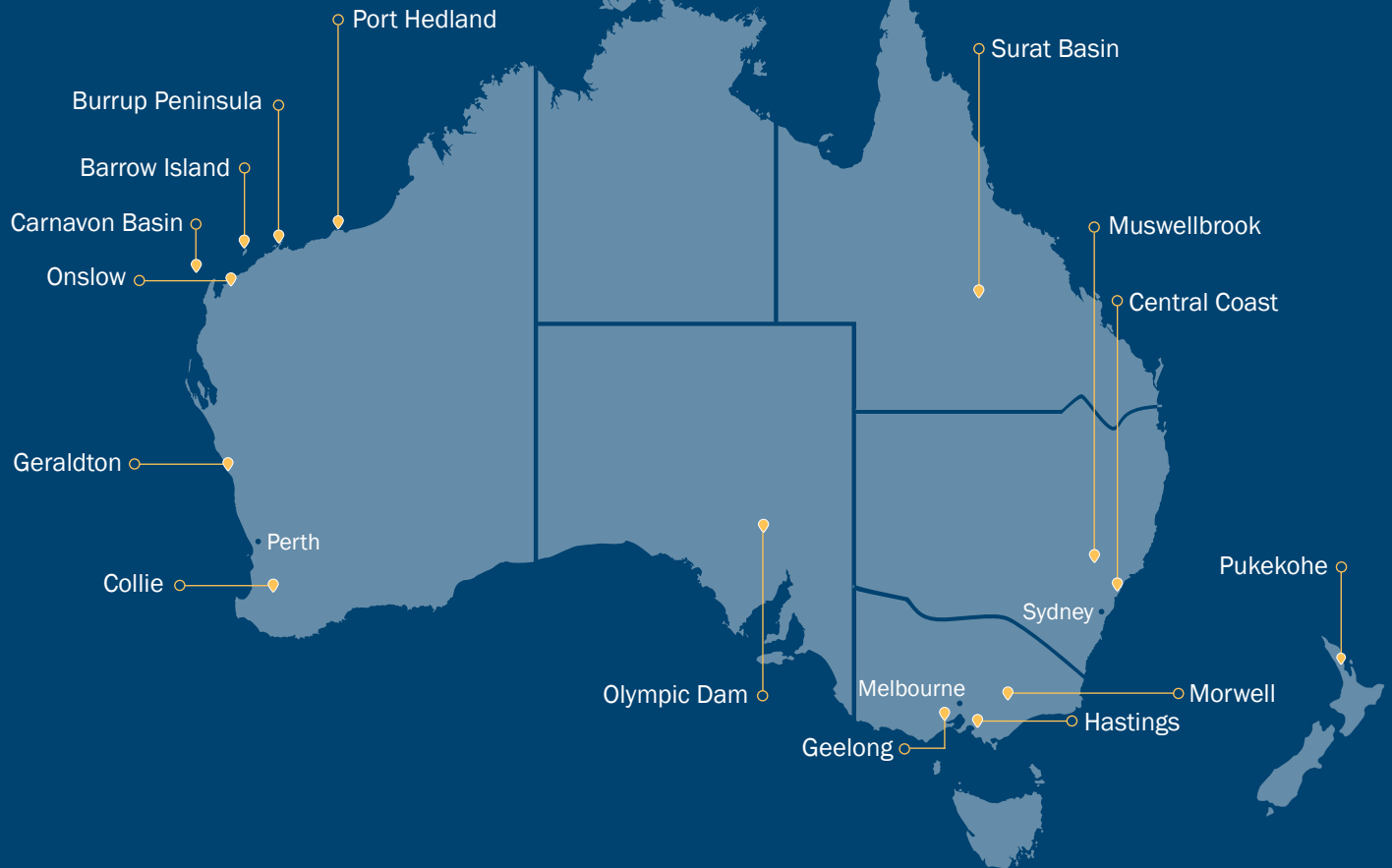
- Reduced risk due to less labour on-site
- Remote shut down of equipment in alarm situations

Increased Quality

- Smart light temperature status technology for welding processes
- Alarms with over temperature / under temperature
- Remote monitor & control, to assist with closed off areas on site like Non Destructive Testing (NDT) operations



COMPLETED PROJECTS



WELSHPOOL

RCR Heat Treatment &
RCR Mining Technologies

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