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Large Scale Experimental Facilities at RRL

- Nuclear Research Reactor 5 MW power
- Neutron Scattering Facilities
 - Neutron diffractometer, Sample Environment: Closed cycle cryostat (8 300 K), Furnace (300 – 2000 K)
 - X-ray reflectometer (under installation)
 - Small and Ultra Small Angle Neutron Scattering Apparatus (to be installed)
- Nuclear Analytical techniques
 - Systems for gamma spectrometry analysis
 - Prompt gamma neutron activation analysis using isotopic neutron sources
- Irradiation facilities
 - Thermal neutron column
 - Fast neutron irradiation facility
 - In core neutron irradiation facility
 - Pneumatic sample conveyor (rabbit)
 - y flux irradiation facility
 - High temperature irradiation rig (under development)

Other Experimental Facilities at RRL

- Small Angle X-ray Scattering apparatus
- Detector electronics laboratory
- Radiation Protection laboratory
- Radioactive sample laboratory
- Sample preparation laboratory (furnaces, balances, cutting and polishing equipment)
- Machine shop