

TIWEST MINERAL SANDS DEVELOPMENT SYNTHETIC RUTILE PLANT PROJECT

Client:	Synthetic Rutile Holdings Pty Ltd	Scope of Work Process design, detailed engineering design, procurement and construction of grass roots plant. A subcontract was awarded to Lurgi to design and supply process related equipment including a process guarantee. Flowsheet Raw materials handling, reduction, separation, aeration, wet separation, acid leaching, drying, loadout. Iron oxide handling, acid effluent neutralisation and handling SO2 scrubbing, caustic regeneration.
Location:	Muchea, 50km north of Perth	
Capacity:	130,000 t/a	
Product:	Synthetic Rutile	
GRD Minproc Office:	Perth, Western Australia	
Start Date:	February 1989	
Completion Date:	September 1990	
Project Duration:	84 weeks	
Contract Basis:	Reimbursable	
Project Value:	A\$97 million	

