



Capabilities and Services

ALS COAL TECHNOLOGY

▶ ALS Coal Technology brings together the extensive experience and technical expertise that exists within ALS Coal and provides specialised testing, training and consulting services in all areas of coal washing, coal quality, utilisation of coking coals, utilisation of thermal coals and marketing of coals. ALS Coal Technology incorporates the following groups:

COAL QUALITY ENGINEERING (CQE)

The CQE is focused on delivery of solutions for a wide variety of coal preparation issues and improving coal quality. The group features a unique pilot scale preparation plant that can process samples from one to twenty tonnes.

COKING RESEARCH CENTRE (CRC)

The CRC provides small scale coking, pilot scale coking, coke testing, and consulting services. The centre has internationally recognised expertise and facilities used to assess the utilisation performance of coking coals.

COMBUSTION TECHNOLOGY CENTRE (CTC)

The CTC was commissioned in 1985 to provide consulting services and conduct technical investigations utilising a pilot scale mill and pilot scale combustion furnace related to the utilisation of thermal coals. The centre has internationally recognised expertise and facilities for evaluation of thermal coal combustion behaviour and the optimisation of coal combustion processes.

PETROGRAPHY & IMAGING CENTRE (PIC)

The PIC is one of the largest petrography laboratories in the world with 8 ICCP accredited petrographers and the first petrography laboratory in Australia with NATA accreditation. The centre performs a variety of petrography services including vitrinite reflectance, maceral analysis, coke microtextures and will soon offer advanced coke imaging services.



MINESKILL

Mineskill delivers a variety of training courses including an internationally recognised course, 'Coal Quality Course'.

- Production, Coal Technology Support & Advisory Service
- Coal Technology & Consulting
- Combustion Technology Consulting & Research
- Carbonisation Consulting & Research
- Coal Preparation Pilot Plant & comprehensive processing consultancy and auditing
- Petrographic and Imaging Services & Research
- Education & Training (Mineskill)
- Borecore Program development and modelling
- Value-In-Use consultancy & Advisory Services
- Coal products Technical Marketing support
- Predictive Modelling and Evaluative Reports



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