

## LQSI: SPECIALIZED PROGRAMS

### SPECIALIZED PROGRAMS FOR MONITORING AND CONTROLLING LAB PROCESSES

LQSi offers a wide range of monthly and bi-monthly minerals proficiency testing programs (PTPs) including:

#### ENERGY MINERALS

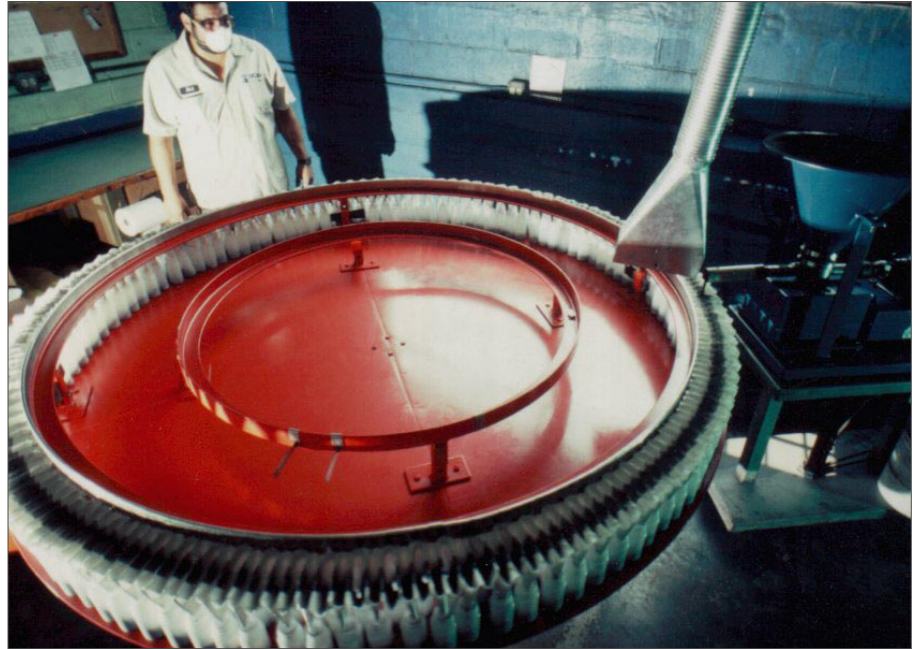
- High rank coal, 2.36 mm (8 mesh) and 212  $\mu\text{m}$  (65 mesh)
- Low rank coal, 2.36 mm (8 mesh) and 212  $\mu\text{m}$  (65 mesh)
- Mineral analysis of coal ash
- Ash fusion temperature
- Trace elements
- Hardgrove grindability index of coal (HGI)
- Rheological and petrographic properties of coal
- Petroleum coke
- Petroleum coke HGI
- Biomass fuels

#### IRON AND STEEL MINERALS

- Iron ore
- Manganese ore
- Chromite
- Metallurgical coke
- CSR / CRI
- Tumbler test

#### GEOCHEMICAL EXPLORATION

- Gold ore



#### NON-FERROUS CONCENTRATES

- Copper ore
- Lead ore
- Nickel ore
- Zinc ore

#### INDUSTRIAL MINERALS

- Bauxite
- Cement / cement clinker
- Limestone

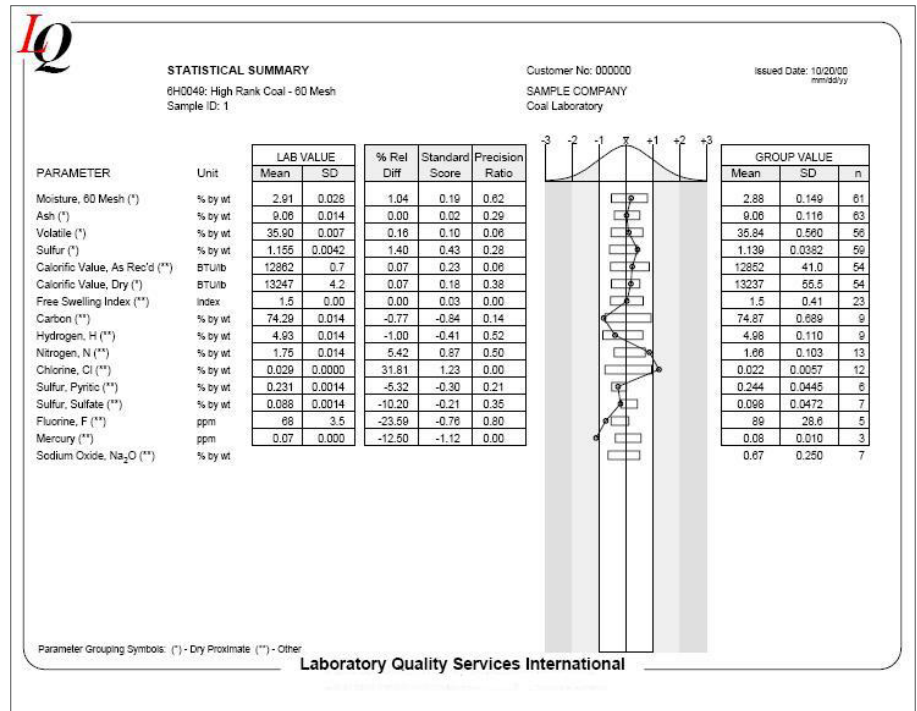
#### FERTILIZERS

- Potash
- Phosphate
- Urea



## EASY-TO-READ AND EASY-TO-UNDERSTAND REPORTS

- LQSi PTP reports focus on the current-round performance and the historical performance over the last twelve rounds, providing tabular and graphical summaries and presentations of laboratory performance.
- Single-page, specialized management reports allow managers with responsibility for multiple laboratories to obtain a quick view of all of their laboratories' performance at a single glance.
- Detailed parameter reports provide performance measures, repeatability and reproducibility, distributions, and runs chart.



### CONTACT INFORMATION

Email us at [minerals@sgs.com](mailto:minerals@sgs.com)  
[www.sgs.com/mining](http://www.sgs.com/mining)