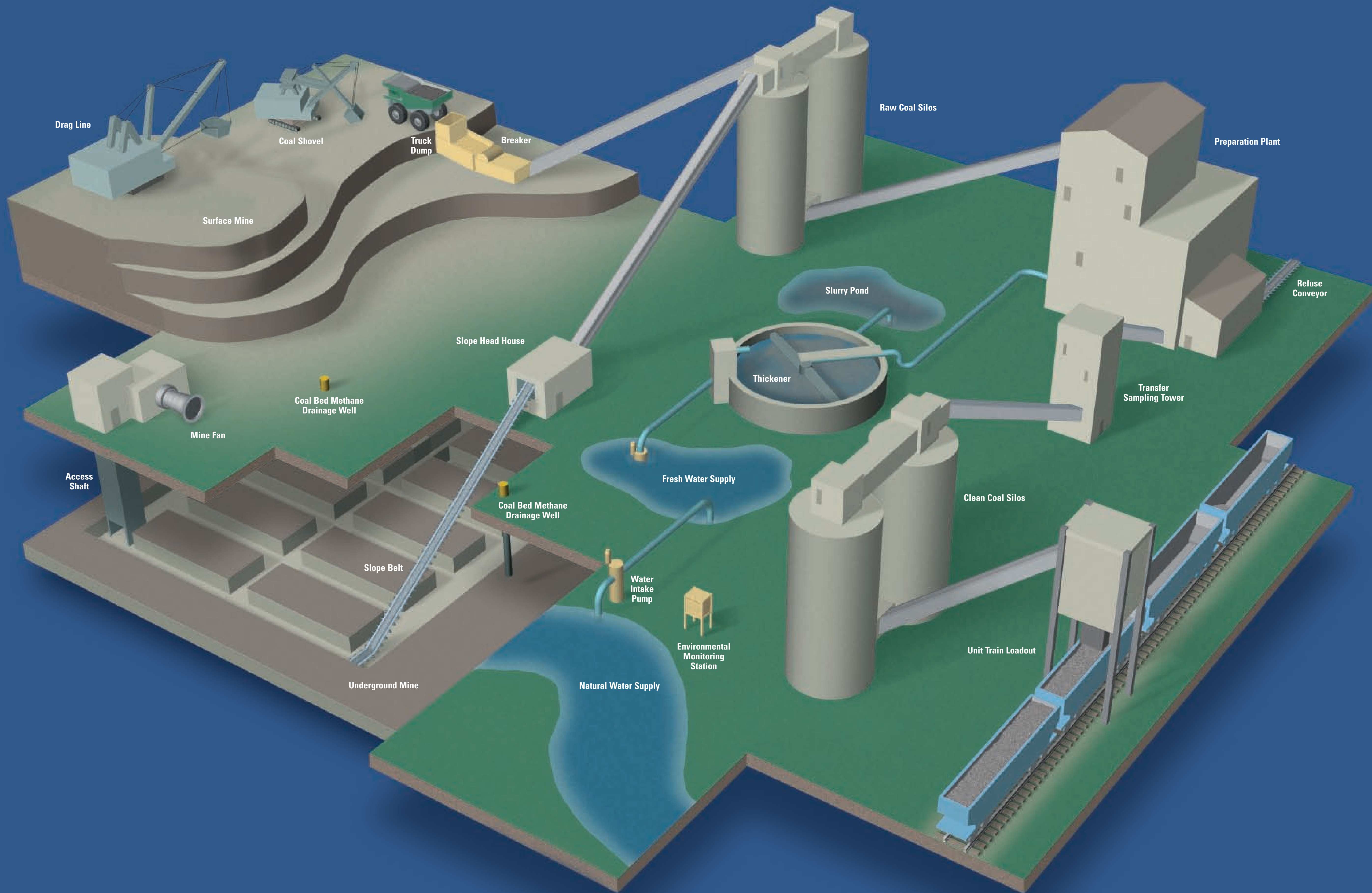


Thermo Scientific Products in the Coal Process



- AT THE MINE**
- Belt Line Switches
 - Misalignment switches
 - Pull cord switches
 - Belt motion detectors and speed indicators
 - Position switches
 - Plugged Chute Switches
 - Tilt switches
 - Capacitance level controls
 - Rotary level controls
 - Nuclear switches
 - Flow detectors
 - Belt Scales
 - Tramp Metal Detectors
 - Sampling Systems
 - Falling stream samplers
 - Sweep samplers
 - Auger samplers
 - Online Elemental Analyzers (moisture, ash and sulfur)
 - Sorting Software
 - MSHA-approved Personnel Dust Exposure Monitors
 - Power Quality Monitoring Instruments
 - Continuous Level Sensors for Piles, Bins or Silos
 - Sonic/Ultrasonic
 - Radar
 - Laser
 - Strain gauge
 - Plumb bob
 - Tripper Position Monitor (laser)
 - Ventilation Fan Instrumentation
 - Flow monitors
 - Pressure monitors
 - Electronic chart recorders
 - Coal Bed Methane Well and Collection System Instrumentation
 - Pressure
 - Flow of methane gas and water
 - Adjust pump speed
 - Software package to monitor well or collection system
 - Remote radio telemeter capability
 - Steel Alloy Analyzers
- AT THE PREPARATION PLANT**
- Weigh Feeders
 - Belt Scales
 - Impact Scales
 - Online Elemental Analyzers
 - Coal Slurry Analyzers
 - Ash
 - Percentage of iron
 - Percentage of solids
 - Belt Line Switches
 - Misalignment switches
 - Pull cord switches
 - Belt motion detectors and speed indicators
 - Plugged Chute Switches
 - Tilt switches
 - Capacitance level controls
 - Rotary level controls
 - Nuclear switches
 - Flow detectors
 - Position switches
 - Continuous Level Sensors for Sumps, Piles, Bins or Silos
 - Sonic/Ultrasonic
 - Radar
 - Laser
 - Strain gauge
 - Plumb bob
 - Tripper Position Monitor (laser)
 - Data Display and Acquisition Instrumentation
 - Display (multiple charting capabilities)
 - Archiving
 - Alarming
 - PID control
 - Historical graphing
 - Exporting data to spreadsheet applications
 - Report generation
 - OPC communications capabilities
 - Network ready
 - Nuclear Density Gauges
 - Flowmeters
 - Portable
 - Process lines
 - Thermal Dryer Stack CEMs
 - Stack sampling probes
 - Gas analysis (NOx, SO₂, CO, etc.)
 - Site Particulate Monitors
 - Thickener Interface Gauges
 - Sampling Systems
 - Falling stream samplers
 - Sweep samplers
 - Auger samplers
 - Tramp Metal Detectors
 - Blending Software
 - Water Analysis
 - Stream flow
 - pH
 - Turbidity
 - Pressure Transducers (thermal dryer)