

Independent mining expertise

Mine Equipment Inspection



Location

Thailand



Client

Sahakol Equipment PCL



Expertise

Overburden Removal, Mining Equipment Inspection, EGAT, Sahakol, Bid Preparation, Mechanical Engineering, Electrical Engineering

Our Services

Equipment inspected

- Bucket Wheel Excavator S800S no. 2
- Belt Conveyor Systems
- Crushers
- Spreader no. 1

Results

- Inspection report incl. action points
- Maintenance recommendations



Project description



Mae Moh mine, owned by Electricity Authority of Thailand (EGAT), is the largest coal mine in Thailand with coal reserves of approx. 1,130 million tons. EGAT tendered Phase-8 Mae Moh Project for overburden removal. SAHAKOL Equipment PCL, a renowned provider of mining services, planned to submit an offer for the overburden removal job in phase-8. SAHAKOL's proposal was based on the utilization of existing mining equipment. By using those existing equipment, a Recondition Plan had to be prepared and submitted to EGAT by SAHAKOL describing a detailed maintenance scheme, required spare parts, required budget and planned time schedule.

In order to win the EGAT tender, Sahakol assigned RWE. Acting as independent mine equipment expert, RWE inspected and verified the mechanical and electrical condition of the mining equipment for a further operation time period. Our review of bucket wheel excavator, belt conveyor systems, crushers, and spreader resulted in a detailed report, including "degree of fitness" documentation as well as preventive maintenance recommendations. Our independent mining expertise aided SAHAKOL to win the phase-8 contract.

