



Location:
Senakin, South Kalimantan,
Indonesia

Value:
US\$37 Million

Client:
PT Arutmin Indonesia

Contract Type:
Lump Sum, EPC

Duration:
May 1992 to December 1993

Description of Works:

Thiess Indonesia involvement with the Senakin Coal Mine encompasses a number of contracts from 1989. In 1992, Thiess was awarded the design and construction contracts for the East Senakin Coal Wash Plant, the West Senakin Dense Media Plant, the Air Tawar Raw Coal Stockpile and Reclaim Facilities and the Sembilang Port Facility. The East Senakin Jig Washplant construction commenced in September 1992 and was fully commissioned in August 1993.

The project works features:

- ROM coal receipt and crushing station
- 600tph raw coal crushing capacity
- 250tph raw coal surge bin
- 500tph coal preparation plant
- centrifuge and crushing station
- 150 tonne product bin
- 100 tonne reject bin
- interconnecting 800mm conveyors

The contract to design, procure, construct and commission the 300tph Dense Media Coal Washplant at West Senakin was undertaken in nine months. The plant components were manufactured in Australia, and were trial assembled and wet commissioned in Brisbane before being shipped to the site for final assembly and commissioning.

The port facility at Air Tawar involved the construction of a raw coal stockpile and barge loading facility. The raw coal facility, completed within an eight-month period, consists of a 150 tonne capacity dump station, a scalping screen and two-stage crushing station and a 500tph stock piling conveyor. The loading of barges is undertaken by reclaiming coal at up to 1,500tph via a reclaim tunnel and barge loading conveyor. Thiess also undertook the construction of Port Facilities at Sembilang, which provide for the shipment of coal mined from the East Senakin Coal Mine. Thiess also undertook the training of personnel to operate and maintain the plants. All works were conducted with the highest regard to Quality, and the facilities have achieved Quality Assurance to AS3901.