

Underground Commissioning In Turkey

Customer

Hard Coal Mine in Turkey

Location

Zonguldak Province, Turkey

Background

Ampcontrol's customer in Turkey specialises in the mining, processing, distribution and importation of hard coal.

Working in partnership with the customer, Ampcontrol carried out the commissioning of a AW2000/E7/B 1100/500V circuit breaker.

On arrival, the electrical workshops onsite did not have a 1100V supply to power the circuit breaker, this required adjustments in the field to convert the power supply to 550V.

Once the circuit breaker was energised, earth leakage and short circuit testing was completed to confirm successful commissioning.

Achievements

Some of the successful outcomes of this project included:

- Voltage conversion to facilitate supply at the surface of the mine, including a 1100/500V link plate
- Full commissioning of the product onsite including methane and remote stop trips
- Modification of AWT31 settings to suit incoming voltage
- Onsite training around the use of the upgraded circuit breaker including instructions on how to change the voltage, settings, safe operation and isolation methods
- Handover of the project drawings including wiring and schematics



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