



AGL LIGHTING

The runway edge lights are on. They consist of elevated lights sitting on deep bases. The photo was taken during commissioning and handing over of project.



TRENCHING

All along the runway on both sides and closing the loop, a trench was excavated to accommodate a cable duct which would eventually house the electric cable.



EARTHING

Once the trench was partially backfilled a 1 Core x 16 mm copper cable was laid bare and in direct contact with soil to ensure proper earthing of the installations.

FOC TERMINATIONS

Fibre optic cables (FOC) were used to transmit instructions and ensure data circulation. In the picture we can see the deep base unit procured from Belgium and the kit which came from the USA. The supplier was also ADB to achieve integration, and avoid interfacing problems.



HAIMA AIRSTIP MEP WORKS

SCC were awarded a contract to build a new runway in Haima. The works also included the construction of taxiway and hard-standings. The client decided that the airstrip should offer the possibility of night service.

A comprehensive AGL (airstrip ground lighting) system was designed. Our electro-mechanical division took upon themselves the execution of this important part of the works: power supply, earthing, elevated lights, and regulators.

The successful commissioning of the system was celebrated throughout the company. The event gave the team further confidence in their skills and competencies.

Furthermore, Sarooj had another project in the vicinity for the same client, which consisted of a firing range. The MEP works were carried out simultaneously with the airstrip MEP works.

REGULATORS

An important element of the system were the constant current regulators (CCR) - These were supplied by ADB and housed in the substation building.

CCR feed and control the airstrip light fittings.

