

PROJECT NAME **CONSTRUCTION AND REPAIR OF AIRPORT AND RUNWAY AT AMAL OILFIELDS**

Client's Name Harouge Oil Operations/ Petro Canada

Project Value USD 1,100,000.00

Project Location Amal Oilfields, Libya

Project Duration 12 Months



Project Description.....

The project comprises of construction and repair of airport and runway at Amal Oilfields.

Amal V12 Airport serves various chartered flights for Oil Companies working in the area. There are two asphalted pavement runways out of which only one is used on regular basis. The 5700 meter long runway due to excessive heat in the Sahara desert caused cracking in the pavement and a safety hazard for various aircraft movements.

This project being one of the many done by Makco for this client, involves approximately 12,600 meters of crack repair treatment in asphalt pavement in addition to construction of new concrete pavement for the apron area.

Special machines were designed for crack widening, routing and sealant dispensing. Filling of cracks was done with a specially designed sealant to bear varying temperatures between 10C to 50C in short time changes.



This project was completed on time despite the procurement of 150 Tons of sealant from Switzerland and design and manufacturing of special machines, which were imported from Germany.