



Rotor of MS502 being removed on site.



Algerian facility

First Maintenance Contract on Rotating Equipment for Sulzer Turbo Services in Algeria

Sulzer Turbo Service has been awarded its first Maintenance Contract on rotating equipment in Algeria. The client is a joint venture between a government owned oil company and an Italian energy group.

After 11 years under full control of the OEM, the client decided to change the service partner for maintenance of their rotating equipment for the oil production facility located 800 km south of the Algerian coast and 70 km west of the Tunisian border, in the middle of the Sahara. The location can only be reached by plane.

Our client is organized so that all key positions are covered by one employee from each company working in rotation 28 days on and 28 days off. Sulzer has a resident site crew of four engineers, two for mechanical and two for control issues, also working on a 28/28 rotation.

Sulzer Turbo Services was initially awarded a 6 month contract start-

ing in July 2006. This has now been extended by 18 months starting from 1st of January 2007. The contract is a



European design injection compressor.

cooperation of different Sulzer departments working together and acting as one supplier. The equipment Sulzer is taking care of consists of: 2 MS5002 gas turbines, each driving 3 stage barrel compressors with gearboxes, for gas re-injection, 3 PGT10 gas turbines for the power generation, 4 motor driven water injection pumps and 7 SRL compressors for the gas

process of the field. In addition there are 2 MS5002 gas turbines driving 3 stage barrel compressors through gearboxes, 2 additional stand alone compressors and 2 water injection pumps for the other field. This is a wide variety of equipment to maintain and includes the control systems of all the rotating equipment.

The climate is a further challenge for personnel and equipment alike with summer temperatures of 50°C (122°F) and freezing temperatures at night in winter.

Sulzer has just started to establish the site infrastructure and is proving to be a real alternative to the OEM. The end user is expecting improvement in availability and reliability of the rotating equipment including improvement of spares management, which is a great opportunity for Sulzer Elbar.

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