

**QC/QA Services,
Failure Analysis and Trouble
Shooting Services**

QC/QA Services

CMRDI helps many companies for implementing QA/QC systems



Quality System for Replacement of Blow Nozzles of DC Reactor of Egyptian Petrochemicals Co.



Preventive Maintenance of a Scrubber at PVC Plant of Egyptian Petrochemicals Co.



Adjusting diameter of new section



Replacing top section

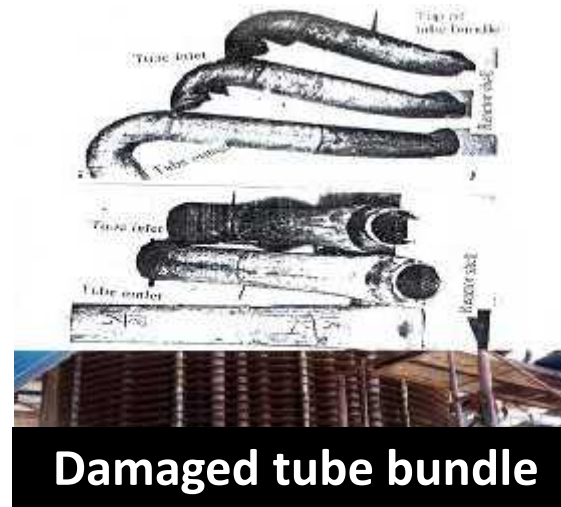


Checking fitting of new section



After assembling top section

Emergency Maintenance of a Reactor at the Egyptian Petrochemicals Co.



Failure Analysis and Trouble Shooting

Repair Welding of Secondary Reformer at Abu-Qir Fertilizer Co.



Failure Analysis Case Studies



**Suction Fans of Boiler Flue Gases
at South Cairo Power Station**



Gas Duct at GUPCO Power Station

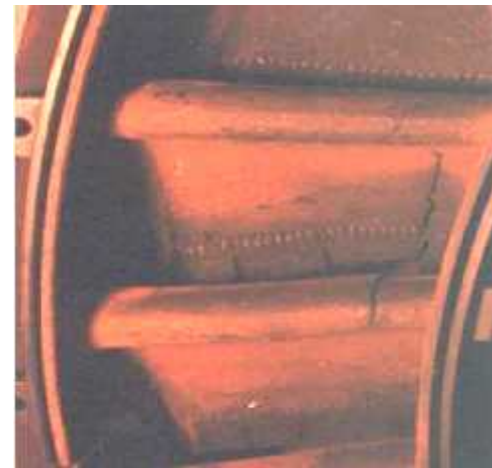
Failure Analysis Case Studies



Line SUMED Pipe



**Coupling Sleeve at Abo-Qir
Fertilizer Co.**



Turbine Nozzles at SCPS

Failure Analysis Case Studies

- **Failure Analysis of Main Landing Gear of Boing Aircraft.**
- **Failure Analysis of Wheel Drum of Air-Bus A320 (Two Cases)**
 - *Right Main Landing Gear.*
 - *Nose Landing Gear.*
- **Failure Analysis of Shock Absorber of Main Landing Gear of Air-Bus A320.**
- **Failure Analysis of Electric Transmission Cables Models ASCR, AAAC, AAC.**
- **Failure Analysis of Assiut Power Generation Water Wall Tube Boiler.**
- **Failure Analysis and Repair Welding of Secondary Reformer at Abu-Qir, Talkha and Delta Fertilizer Companies.**

Non-Destructive Inspection



Radiographic Test



Magnetic Particle Test

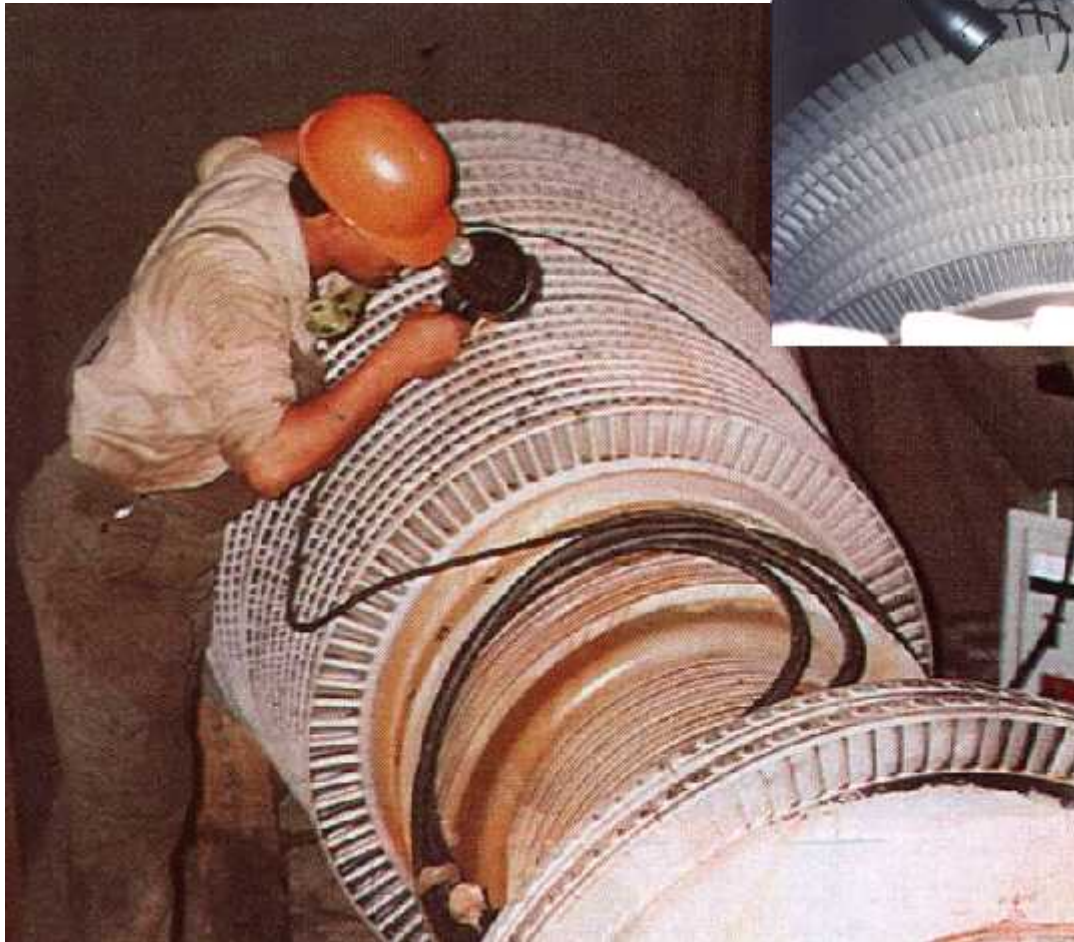


Ultrasonic Test



Dye Penetrant Test

Power Plants





**Suez Canal
Bridge**