



A Siemens Company

ISCOSA Training Center

Training Course

Metallurgical Aspects of IGT Component Repair and Vendor Verification (4-Days)

Who should attend?

This course is focused on Industrial Gas Turbine (mechanical) engineers and (experienced) technicians that are working in the field of component manufacturing, repair and coating, such inspecting parts, creating repair specifications and work scopes, performing audits and vendor verification at vendors.

Objective:

The objective of the course is that the participants should learn and will be able after the training to recognize degeneration of IGT gas turbine components, select and sequence the proper repair, heat treats and coating technology to reverse this effect and have a beginning knowledge how to perform vendor verification at their IGT vendors.

Course outline:

1st day

- Introduction 08:00 AM
- Material fundamentals 08:30 AM
- Superalloys 10:30 AM
- Heat treatment 01:00 PM
- Case Study 03:00 PM

2nd day

- Degeneration 08:00 AM
- Coating 10:00 AM
- Cleaning & Stripping 01:00 PM
- Case Study 03:00 PM

3rd day

- Coating 08:00 AM
- Welding 10:00 AM
- Non Destructive Testing 01:00 PM
- Case Study 03:00 PM

ISCOSA Industries and Maintenance, Ltd.

A Siemens Company – ISO 9001 certified

P.O. Box 1032

Dammam 31431, Saudi Arabia

www.iscosa-ksa.com



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4th day

- Shop tour ISCO SA 08:00 AM
- VV training presentation 09:00 AM
- Overview Quality System by ISCO SA QA/QC & Discussion 10:00 AM
- Case study of repair on-going 01:00 PM
- Vendor verification exercises, reporting, discussion & Conclusion 03:00 PM

Date: 26 - 29 Feb, 2012

Venue: ISCO SA Training Center, Dammam KSA

Fee: USD 3,500 per participant

- Nothing Follows -

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