

TRAINING

MATERIALS TECHNOLOGY FOR GAS TURBINE APPLICATIONS

OBJECTIVE

To get a basic knowledge of:

- the materials that are used in gas turbines,
- the main properties of these materials,
- the main degradation phenomena,
- the possibilities in repair and refurbishment,
- how a remaining life determination works.

TARGET GROUP

Engineers and mechanical maintenance and operation technicians.

DURATION

2 days

CONTENT OF THE TRAINING

- Superalloys: composition and microstructure, properties, latest developments
- Coatings: different types, application techniques, properties
- Failure and degradation phenomena
- Reconditioning of used blades
- Methodology of remaining life assessment
- Practical examples
- A visit to the metallographic laboratory is included.

RESPONSIBLE

Kurt Boschmans and Evy De Bruycker

LANGUAGE

Presentation in English, training in English, French or Dutch



Laborelec Belgium

Rodestraat 125
1630 Linkebeek
Belgium
T. +32 2 382 02 11
F. +32 2 382 02 41

RPR/RPM Brussels 0400.902.582
BTW/TVA BE 0400 902 582

www.laborelec.com
info@laborelec.com

FIVE REASONS FOR YOU TO CHOOSE LABORELEC

- One stop shopping for your energy related services
- More than 40 years of experience
- Increased profitability of your installations
- Independent and confidential advice
- Recognized and certified laboratory

