



Rolls-Royce

Rolls-Royce Open Programme

RB211 Unit / Avon Unit / 501KC/KB

Training Proposal 2010

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Rolls-Royce Training Support for Gas Turbine Packages

As part of Rolls-Royce Power Engineering, Customer Services Business, the Training Services centre of excellence, offer a range of training support. The service is designed to provide the customer with a comprehensive understanding of the equipment that will enhance its operation and maintenance.

Leading to improved:

- ❖ Safety
- ❖ Reliability
- ❖ Availability
- ❖ Production
- ❖ Reduced Costs



The open training programmes will take place at strategic points of delivery identified in the proposal close to key energy customer global locations.

The open programmes have pre-set schedules throughout 2010

The number of attendees per course is strictly limited to ensure an inclusive programme of maximum benefit for each attendee. Please ensure you promptly reserve the number of places you require.

Full contact details for the Customer Training Centre are on the last page of the proposal.

We look forward to welcoming you onto one of our open programmes.



Open Gas Turbine Package Familiarisation and Operation

Rolls-Royce RB211 Gas Turbine Packages

Who should attend : All personnel supporting the daily operation of the equipment. Engineering personnel involved in specifying and planning installations.

Duration : 5 days

Class Size : Minimum 8

Global event locations and schedule, 2010

Kuala Lumpur, Malaysia. 14th June > 18th June

Aberdeen, UK. 28th June > 2nd July

Indianapolis, USA. 24th May > 28th May

AIMS:

Attendees will learn about the equipment design, construction, basic engineering theory, operation and operator routines required for a typical unit.

OBJECTIVES:

Upon successful completion of the course, the attendee should be able to:

- Describe the equipment and support systems
- Describe basic construction and operation of the Gas Generator and Power Turbine
- Locate devices on the system diagrams and determine settings
- Describe start and stop sequences
- Locate devices appearing in HMI displays on support system diagrams
- Describe operator routines required on equipment and systems

COURSE CONTENT:

- Course Introduction
- Package introduction, unit specifications and support drawings
- Gas turbine driver theory, construction and basic operation
- P&ID study for Instruments and Main Systems
 - Descriptions - diagrams - operator duties- problem diagnosis
 - Air system
 - Main lube oil system
 - Gas Generator oil system
 - Fuel system(s)
 - Fire and Gas System
- HMI overview and HMI displays
- Unit Control Panel features and operation within the HMI
- Unit starting, operating and stopping sequence



Open Gas Turbine Package Familiarisation and Operation

Rolls-Royce Avon Gas Turbine Packages

Who should attend : All personnel supporting the daily operation of the equipment.

Duration : 5 days

Class Size : Minimum 8

Global event locations and schedule, 2010

Kuala Lumpur 21st June > 25th June

Abu Dhabi UAE 12th April > 16th April & 11th October > 15th October

Aberdeen, UK. 16th August > 20th August,

Miami, USA. 27th September > 1st October

AIMS:

Attendees will learn about the equipment design, construction, basic engineering theory, operation and operator routines required for a typical unit.

OBJECTIVES:

Upon successful completion of the course, the attendee should be able to:

- Describe the equipment and support systems
- Describe basic construction and operation of the Gas Generator and Power Turbine
- Locate devices on the system diagrams and determine settings
- Describe the start and stop sequences
- Locate devices appearing in HMI displays on support system diagram
- Describe operator routines required on equipment and systems

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- Unit Control Panel features and operation within the HMI
- Unit starting, operating and stopping sequence



Open Gas Turbine Package Familiarisation and Operation

Rolls-Royce 501KC / KB Gas Turbine Packages

Who should attend : All personnel supporting the daily operation of the equipment.

Duration : 5 days

Class Size : Minimum 8

Global event locations and schedule, 2010

Indianapolis, USA 17th May > 21st May

Hong Kong, China 18th October > 22nd October

AIMS:

Attendees will learn about the equipment design, construction, basic engineering theory, operation and operator routines required for a typical unit.

OBJECTIVES:

Upon successful completion of the course, the attendee should be able to:

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PRICING

Programme	Price / Attendee
5 Day Package	1,799 GBP

PRICING NOTES:

THE PRICING INCLUDES:

Supply of a Rolls-Royce English speaking instructor. All custom course preparation. All instructor expenses included. Course manuals in English. Training venue, lunches and refreshments during the training days.

THE PRICING EXCLUDES:

Pricing does not include VAT where applicable, any local taxes. All attendee expenses.

Note 1

A purchase order for the total amount is required when registering attendees and pre-payment is preferred.

Note 2

A minimum of 8 attendees is required to run each programme. Rolls-Royce will only run programmes with 8 or more attendees.

Note 3

All open programmes are delivered in English language.

Note 4

Cancellation policies apply. Cancellation or schedule change, between six and four weeks prior to delivery will incur a cancellation fee of 30%. Cancellation or schedule change, between four and two weeks prior to delivery will incur a cancellation fee of 75% Cancellation or schedule change, less than two weeks prior to course delivery date will incur the full 100% cancellation fee.

Note 5

All training is subject to Rolls-Royce terms and conditions for training, a copy is available on request.

Note 6

To reserve places please complete and e-mail the registration form to the contacts at overleaf.



For further information about Rolls-Royce open training programmes please contact any of the following:

Contact Details

Customer Training Manager at Ansty, UK
Grant Morrell: +44 (0) 2476 624726
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UK

Administrator at Ansty, UK:
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Principal Customer Training Engineer
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