

Practical Expertise for the Professional

# Steam Turbines

## Technology, Processes & Management

2 Week Training Program

### A 2 Week Training Program

#### What is Covered in this Program?

This program is oriented towards the Power & Industrial Plant Professional, it enables a Multi-Discipline Understanding of your Steam Turbines and related process units for their Efficient and Effective Management.

#### Program Content

1. The Technology
  1. Types/Working principles
  2. Turbine Components
  3. Glands & Sealing Systems
  4. Condensate System
  5. Boiler Feed Pump
  6. Regenerative Feed Heating System
  7. Turbine Oil System
  8. Steam Bypass Systems
  9. Governing Systems
  10. Fire Resistance
2. Industry Standards
3. Specification Issues
4. Installation & Testing Aspects
5. Operational Issues
6. Monitoring
7. Maintenance- Preventive & Shutdown
8. Management
9. Performance Measurement
10. Quality Assurance.
11. Safety Management
12. Good Management Practices
13. Best Industry Practices

14. Setting up Early warning system to Provide Decision Support Data

#### Workshop 1

Outline Action Plan to Implement Program  
Communicated Good and Best Practices

#### Workshop 2

Advanced Topics? More Details on Some Above Issues Important for Participants (Customized for each Participant Group)

Increasing Productivity through Using Standard Forms, Templates, Checklists to Perform the IP Processes

Performance Management System to Measure Level of Performance in the Above Processes? we will develop the KPIs for the Above Processes

Planning & Implementing a Departmental/Functional Knowledge Base? For IP Rights and Methods? Key to Achieving Quality Service Performance/Repeatability and Superior Performance in Our Organization

Your Individualized Action Plan for Implementing Good Practices and Best Practices Discussed throughout the Program  
Enhanced Program Recommendations

#### Program Outcomes and Take-Away/s

Euro Training is in the business of providing practical useful training programs. Programs that

1. Help the participant implement improvements in his organization.
2. Help the participant gain Multi-discipline understanding of the issues so that he can incorporate the needs and expectations of all his

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## Steam Turbines – Technology, Processes & Management Training Workshop (POW312)

stakeholders/ customers in his improvement proposals and actions.

3. Help build a knowledge framework in which job related experience can be caught and remembered as his experience.

**Typical participant will take away a personalized action plan** for himself, his business unit or his organization on how to apply the program contents to improve performance. The action plan may have two components:

1. A Personal Action Plan
2. A Business Unit/Organizational Action Plan

### Benefits to Organization

Sending participant/s to this program will benefit the organization in the following ways

1. Quickly makes the participants competent, effective and productive on his job. Useful especially for
  1. Training New employees
  2. Competency Building in Existing Employees Transferred to a New Assignment
  3. Training Prior to a New Project or Initiative Planned in the Organization
2. Create Competency in the employee to perform his job well. including in relation to
  1. Relevant Technical Knowledge, Skills and Competencies
  2. Organizations' Strategic Objectives
  3. Needs and Expectations of the Stakeholders/ Customers (internal & external)
  4. Good Management Practices
  5. Identifying opportunities to Exceed Stakeholder/ Customer Expectations

3. Create a pool of trained manpower who can cost-effectively disseminate the knowledge to large number of employees inside the organization. This is made possible by Euro Training's unique easy to understand and use methodology based on Checklist & Quality Assurance Approaches.
4. Euro Training Instructors often act as mentors for your trained employees. A most effective way to ensure effective competency development and application by your motivated staff. We do have consultants available across Americas, Europe, Asia and Africa (Please inquire about our post program mentoring plans)

### Participant Individual Career Benefits

1. You gain a multi-discipline understanding of the issues. Meaning when you make proposals and decisions on your related job you will keep in mind the needs and expectations of ALL the stakeholders/ customers (internal & external)
2. The action plan you take away will help you make a difference in your business unit or organization. This difference when added to your resume will make you a prime candidate for career advancement in your own organization or in your next job/s.
3. Understanding and acting with understanding of the Needs and Expectations of your stakeholders/ customers is known to to enhance Job Satisfaction and reduce Monday Morning Blues.
4. As one of your stakeholders/ customers is Executive Management, therefore the program ensures you will know the Strategic Imperatives that Drive the Organization's Efforts in your relevant job area. In the process enabling you to make a leadership contribution.

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**This Program is Intended for...**

**Those new to the field** take away a good multi-discipline understanding of the issues involved in the program works. It helps them become productive quickly and builds in them a knowledge framework that will help identify, understand, classify and remember on the job experiences in his memory.

**More experiences participants** take-away an individualized action plan as mentioned elsewhere in this technical sheet.

**Implementation Teams:** This program can be used to train implementation teams where...

1. a new project or initiative being started in your organization
2. a new strategic focus is being initiated
3. just prior to a Consultant being hired to advise the organization.

Each participant will take away a memorable and potentially life changing experience from the program.

No limitations are being placed on who can attend. If you are interested in the Program Outcomes and Takeaways, or, feel you can benefit from the Organizational and Personal Benefits mentioned above - You are Invited to Register for this Program. Program Instructors have the knowledge, experience and access to resources required to customize the program to the specific job related needs of each program group.

All Managers, Administrators and Engineers involved in Specifying, Project Management, Operation or Maintenance of Steam Turbines on Power Plants and Industries.

**Language of Instruction**

Unless otherwise stated the program instruction is in Standard Day-to-Day English. Participants can request the instructor to provide a program vocabulary which will ensure they have no problem understanding the content.

Other language versions are being developed by our consultants and regional partners including program in **French, German,**

**Spanish and Arabic.** Please do contact us for your specific language needs.

**Registration Recommendations**

**Team Nominations:** Since the program aims to ensure the participants have his individualized improvement plan at the end of the program, and foreseeing the effort involved, anticipating resistance and implementation requirements it is recommended that the organization nominate **at least two participants together** (three will be more desirable to allow for attrition) for this program.

It is anticipated that these 2 or more participants will work together as a team or provide mutual support in order to implement the action plan.

**Single nominations** will also be accepted for the program. Single nominations are typically used to:-

1. Develop personnel skills in Critical Skills and Methodologies covered in this program.
2. Audit this program for deciding its content and methodology's effectiveness in meeting your organizational needs
3. Train individuals for Leadership Roles in Business unit or department. Here this program will help the participant coach and lead his team in these Critical Skills and Methodologies. (Program does not typically cover coaching skills but provides the related technical understanding in an easy to communicate manner. )

**Latest Program Dates Email**

[pow312@EuroTraining.com](mailto:pow312@EuroTraining.com)  
[www.eurotraining.com/bro/pow312.php](http://www.eurotraining.com/bro/pow312.php)

## REGISTRATION FORM

**Program:** Steam Turbines – Technology,  
Processes & Management Training  
Workshop (POW312)

Location Where  
Attending:

Program Dates:

Whether  
Participant will  
Consider Alternate  
date if one  
requested is not  
available:

Participant Name  
Prefix: Mr/Ms/Mrs

Participant Name:

Participant Job  
Title:

Participant  
Department &  
Section:

Participant  
Employer/  
Company:

Participant's  
Present Job  
Responsibilities:

Participant Email  
Address:

Participant Mobile  
Number:

Sponsored by:

Sponsoring  
Company:

Job Title of  
Sponsoring  
Authority:

Name of  
Sponsoring  
Authority:

Email of  
Sponsoring  
Authority:

Fax of Sponsoring  
Authority:

Telephone Nos. of  
Sponsoring  
Authority:

Web Site of  
Sponsoring  
Company:

Invoice Reference:

Invoicing Address:

## REGISTRATION INFORMATION

1. **To register:** Please send us an official letter confirming registration (on organizational letterhead or Authorized Email).
2. Program Fee is
  - o USD \$8,900 per participant and includes Course Materials, Certificate, Refreshments and Lunch. (Fee at London, Paris and Kula Lumpur is \$9,790 per participant)
3. Accommodation & Service Charges (if applicable) is not included in Program fee. Special rates will be available at venue hotel for the participants.
4. Special discount of 10% is offered for participants who pay their fees at least 45 days before start of the program.
5. Refund will not be considered where the participants cancel his registration less than 3 weeks before start of the program. Alternate nominations will be allowed anytime before program start.
6. All participants are required to fill in Participant Information form - on first day of the program. Each program Undergoes Customization to Better Meet Participant Present and Future Career Needs. Please be prepared to let the Instructor/s know about your organization's Special Needs, Interests or Initiatives.
7. It is always useful for participants to bring their existing problems or case studies, work-process flow charts or job related problems for discussion - consideration will be at sole discretion of the program director/s.
8. **Provisional Registration:** You can make a provisional registration by sending us an email – an official registration request can be made within 2 weeks. This will ensure we will reserve a seat. All provisional registrations automatically cancel 2 weeks before program start.
9. Please note: No Live Voice Requests for Registration or Provisional Registrations.

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