



STEAG Energy Services

Power Plant Learning Centre and Training Services

The Training Services division of STEAG Energy Services India is equipped with state of the art Power Plant Simulators and other facilities to effectively provide fresh engineers and experienced professionals with skills & know how that are crucial to improve operation and enhance efficiency.

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STEAG Power Plant Learning Centre

The centre, located at Noida, India is recognized by Central Electricity Authority (CEA), Government of India for providing mandatory training in Operation and Maintenance of Thermal Power Plants under the Indian Electricity Rules.

State of the art training facilities include:

- ✦ Variety of Simulators
 - ◆ 600, 500, 250, 195 MW Coal fired
 - ◆ 430 MW Siemens V94.2 CCGT
 - ◆ 670 MW GE Frame 9FA CCGT
 - ◆ 250 MW Hydro power
 - ◆ 500 MW Coal fired
 - ◆ 50 MW Generic Solar Thermal
- ✦ Model room
- ✦ Classrooms with Audio-Visual aids for Theoretical training
- ✦ Lab with Calibrated Testing Equipments and testing facilities
- ✦ Library with latest books and journals

Practical Training

Comprehensive practical training is arranged in Coal fired, Gas fired & Co-generation Power Plants

Faculty

The Centre has 20 core & part-time faculty with an average experience of more than 20 years in power sector, many of them post-graduates in Mechanical, Electrical or Control & Instrumentation. In addition to nominated faculty, engineers from power plants and the engineering division of STEAG also provide training inputs in specialized areas to bring practical knowledge to the trainees.

Training Programs conducted

- ✦ One year (52 weeks) Graduate Engineers Induction Program.
 - ◆ 26 weeks of classroom & practical training
Covers topics like Power Plant Operation, Power Plant Maintenance, Power Plant Chemistry, Power Plant Efficiency, Scheme Tracing etc.
 - ◆ 26 weeks of on-the-job training covering all aspects of Operation & Maintenance of Thermal Power Plants
- ✦ Short term specialized programs
 - ◆ Heat Rate Awareness
 - ◆ Advanced Heat Rate Awareness
 - ◆ Advanced Heat Rate Monitoring & Diagnostics
 - ◆ Fundamentals of Power Plant Operation
 - ◆ Fundamentals of Combined Cycle Plant Operation
 - ◆ Simulator based Combined Cycle Plant Operation
 - ◆ Simulator based Pulverized Coal fired Plant Operation
 - ◆ Fundamentals of Combustion & Boiler Optimization
 - ◆ Power Plant Testing & Performance Optimization
 - ◆ Solutions for Water Chemistry problems

These courses are offered at the Power Plant Learning Centre, Noida, India or at pre-selected sites upon request.

Customization is our strength for any module.

Other Services

The Training division also undertakes customer-specific Training Need Analysis and Assessment, Assessment of Effectiveness of Training & Development Initiatives and Interventions and design of customer specific HR Initiatives including Performance Assessment & Appraisal and Organisational Development.