Discipline:	Simulator Modeler	**Location:**	Noida
Position:	Graduate Engineer Trainee	**Business Unit:**	EPM PWS GEC
Reports To:	Manager	**Reviewed by:**	Director Simulation & Smart Process

Purpose

Apply engineering knowledge to design, implement, test and commission power plant simulator models

SPECIFIC RESPONSIBILITIES

- Build and customize the different power plant sub-system models.
- Integrate own work assignment with the work of other team members to meet assignment
- requirements.
- Support, conduct Pre Factory Acceptance Test and Factory Acceptance Test in India or at any overseas location.
- Complete the documentation as per the Department Quality procedures on a regular basis.
- Perform work within established budgetary and schedule requirements.
- Perform other related duties as assigned time to time.

JOB COMPETENCIES

BEHAVIOURAL

- Instills Trust
- Action Oriented
- Communicates Effectively
- Self Development
- Nimble Learning

TECHNICAL / PROFESSIONAL

- Basic knowledge on Power plant
- Knowledge on fluid mechanics & thermodynmics
- Knowledge on power plant process

ORGANIZATIONAL RELATIONSHIPS

REPORTS:

This position has no direct reports.

COMMUNICATION

INTERNAL

Lead engineers, project managers

EXTERNAL

External customers

EDUCATION / TRANING / EXPERIENCE

- Bachelor's degree in Mechanical Engineering
- Strong computer skills
- Minimum English language skills - speaking and writing
- Should have the creativity to apply knowledge in thermodynamics to design the performance calculations for any power plant related equipment as required by customer specifications.
- Should be able to understand the performance calculation packages written in "C" / "C++" for the previous packages and use them to the current project.
- Able to work in a team
- Able to travel and work abroad 50% of work time
- Good knowledge of Power Plant process, operation knowledge is desirable.
- Knowledge to study Plant P&ID, HBD, Isometric and equipment data sheet, thermodynamics and Fluid dynamics
- Understanding of computer program language of FORTRAN and C/C++.