

Job Title:	Mechanical Engineer
Grade:	L0-L1; Associate Engineer
Location:	Hyderabad, Mumbai.
Role and Responsibilities:	<p>We are seeking a Graduate Mechanical Engineer to join our multi-disciplinary Data Centre design teams to work on a Data Centre projects, mainly covering Data Centre's/Mission Critical projects, with leading architects and clients both in India and overseas. We are looking for a candidate who will fit in with our dynamic teams in a progressive, design-led environment with the successful candidate becoming a contributor to the excellent atmosphere which exists within the group.</p> <p>Role and Responsibilities:</p> <ul style="list-style-type: none"> • Undertaking mechanical design for DC projects of varying scales. • Knowledge of data centre projects and its latest trend for cost-effective design. • Preparation of mechanical single line diagrams and layouts in Revit and CAD software. Good knowledge of Revit and CAD will be preferable. • The knowledge of CFD analysis, Cooling load calculations and hydraulic calculations. • Preparation of bill of material for the mechanical design. • Good knowledge of different mechanical systems used in air conditioning. • Mechanical design knowledge for the following <ul style="list-style-type: none"> - Heat load calculations. - Terminal selection such as grills, diffusers - Equipment selections / sizing such as fan coil units, AHUs, Chillers, Cooling Towers, Pumps, Thermal Storage etc. - Plant room preparations/planning - Design of fuel delivery system to DG sets and other equipment. - Design and sizing of water tanks, piping and related pumps. - Good knowledge of water treatment methods. - Good knowledge of fire protection/suppression system • Working closely with Architects/Consultants and other in-house design engineers. • Production of engineering drawings. Preparing and co-ordinating mechanical reports and specifications. • Knowledge of Uptime and TIA standards for data centres design. • Design and co-ordinating work with engineers of other disciplines. • Attending meetings and communicating with clients to establish their needs. • Working with the project team to ensure production of deliverables to agreed timelines and within budget. • Sharing technical knowledge with the members of the team. • Up to date knowledge of the latest trend in the mechanical discipline in particular relation to the Data Centres design. • Preparation of financial analysis for the various design of DC projects. • Supporting procuring work with the best available products in the market. • Responsible and accountable for maintaining client relations.
Requirements:	<ul style="list-style-type: none"> • Degree qualified in Mechanical Engineering. • Extensive knowledge in the field of MVAC design and latest trends. • Be able to design and deliver MVAC cooling solutions for mission-critical projects. • Ability to work under pressure and meet strict deadlines is essential. • Excellent planning and organisation skills. • Excellent communications skills (both written and verbal). • Able to demonstrate strong commercial acumen.
Eligibility Criteria:	<ul style="list-style-type: none"> • Aggregate of 75% all over academics, no active backlogs
Service Level Agreement	<ul style="list-style-type: none"> • 3 Years
CTC	<ul style="list-style-type: none"> • 3.75 LPA