



## Lead Project Engineer (M331)

**Job Description:** Coordinates LNG liquefaction project engineering work with client, process licensors, consultants, multi-discipline engineering departments, vendors, and subcontractors; provides evaluation and mitigation for LNG liquefaction-specific issues, including acoustic and flow-induced piping vibration and thermal fatigue failure for heat transfer equipment and associated piping; develops detailed project scope and schedule; reviews and interprets design requirements per project specification and code; coordinates scheduling of engineering activities to issue drawings, specifications, and purchase orders, assuring receipt of information to meet overall engineering and construction schedule; coordinates engineering work, checks and approves drawings, equipment requisitions, technical bid analyses, and specifications to ensure conformity to client specifications and requirements; and prepares and monitors engineering document handling procedures including vendor data and oversees preparation of various technical documents, such as plot plans, P&I diagrams and operating manuals. May be assigned to other projects which utilize the same skills.

**Primary Requirements:** Master's or foreign equivalent degree in Mechanical Engineering or a related field and three years of work experience: using NavisWorks and SmartPlant Review to lead project engineering activities for LNG Liquefaction facilities; performing HAZOP / SIL review and 3D model review; providing vibration monitoring, evaluation and mitigation; managing and coordinating projects using Primavera and SmartPlant Material (Marian); preparing and implementing equipment preservation plans and procedures; participating in preparation of mechanical handling studies; field engineering coordination at LNG Liquefaction facilities' construction site; and conducting technical document reviews using AutoCAD. Also requires three years of work experience: leading onsite project engineering activities for EPC, including Pre-commissioning, Commissioning and Start up; preparing project engineering procedures and specifications for commissioning; and preparing spare parts interchangeability studies.

**Alternate Requirements:** Bachelor's or foreign equivalent degree in Mechanical Engineering or a related field and five years of progressive, post-baccalaureate work experience: using NavisWorks and SmartPlant Review to lead project engineering activities for LNG Liquefaction facilities, including: performing HAZOP / SIL review and 3D model review; providing vibration monitoring, evaluation and mitigation; managing and coordinating projects using Primavera and SmartPlant Material (Marian); preparing and implementing equipment preservation plans and procedures; participating in preparation of mechanical handling studies; field engineering coordination at LNG Liquefaction facilities' construction site; and conducting technical document reviews using AutoCAD. Also requires three years of work experience: leading onsite project engineering activities for EPC, including Pre-commissioning, Commissioning and Start up; preparing project engineering procedures and specifications for commissioning; and preparing spare parts interchangeability studies.

Any suitable combination of education, training, or experience is acceptable.

Position location: Houston, TX.

To apply send resume to [cic.careers@chiyodacorp.com](mailto:cic.careers@chiyodacorp.com) and reference Job# M331.