

## **Ceylon Petroleum Corporation**

Recruitment of Engineers on Contract Basis for the Tanks Development Project at the Trincomalee Tank Farm Complex belonging to Ceylon Petroleum Corporation.

Applications are invited from citizen of Sri Lanka to be considered for the undermentioned Post.

<b>Post</b>	<b>Salary</b>
I. Chemical & Process Engineer	Rs. 350,000.00 (Including all allowances)
II. Mechanical Engineer	Rs. 350,000.00 (Including all allowances)
III. Electrical & Electronics Engineer	Rs. 350,000.00 (Including all allowances)
IV. Civil Engineer	Rs. 350,000.00 (Including all allowances)

**Service condition** - Contract Basis for 01 Year

**Age Limit** - Should not be more than 45 years of age as at closing date of applications (The maximum age limit will not be applicable to those who are in the service of the Government Departments, Corporations, Boards and Statutory Bodies)

### Require Qualifications for the above posts

#### **1. Chemical & Process Engineer**

- I. BSc Engineering degree in Chemical & Process Engineering obtained from a University accepted by the University Grant commission and post qualified experience of 03 years as an Engineer worked in development projects at recognized organizations.

Possessing Chartered / Postgraduate / Professional Qualification (such as PMP, AWS, CSWIP & API) will be an added qualifications.

#### **Job Description**

01. Lead the process design for tank farm storage systems, including tank layout, piping, and pumping systems.
02. Develop P&IDs (Piping and Instrumentation Diagrams), material balance, and process flow diagrams (PFDs), using Auto CAD Plant 3D, Aspen, Visio.
03. Collaborate with cross-functional teams (mechanical, electrical, civil) to integrate process designs into overall facility layout.
04. Prepare detailed process specifications, control philosophies, and HAZOP (Hazard and Operability) studies.
05. Write and review SOPs (Standard Operating Procedures) for safe handling, storage, and transfer of liquids.

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06. Ensure all designs meet environmental, health, and safety regulations.
07. Conduct risk assessments and participate in safety audits to comply with industry standards (API, NFPA, OSHA).
08. Develop emergency response plans and procedures for spill containment, fire, and other tank farm hazards.
09. Assist in budget planning, cost estimation, and timeline management for tank farm construction and maintenance, and be able to use MS Project, Primavera P6.
10. Oversee contractors and vendors, ensuring quality control and timely completion of project milestones.
11. Coordinate with procurement to source materials and equipment that meet project specifications.
12. Support commissioning and start-up activities, conducting testing to verify system performance.
13. Troubleshoot operational issues, optimizing process parameters to improve efficiency and reduce costs.
14. Implement continuous improvement initiatives to enhance tank farm reliability, capacity, and safety.
15. Performing/involving in any other related duties entrusted by the PMU and the Higher Management when and where necessary

## **2. Mechanical Engineer**

- I. BSc Engineering Degree in Mechanical Engineering obtained from a University accepted by the University Grant commission and post qualified experience of 03 years as an Engineer worked in development projects at recognized organizations.

Possessing Chartered / Postgraduate / Professional Qualification (such as PMP, AWS, CSWIP & API) will be an added qualifications.

### **Job Description**

01. Assume responsibility for the execution of Tank Repair/ Pipeline works under the 24 Tanks Development Project in Trincomalee Tank farm.
02. Study/Generate/Modify/Verify the Engineering Drawings related to the Tank Repair/ Pipeline laying works under the 24 Tanks Development Project in Trincomalee Tank farm.
03. Should familiar with ASME and API codes and be able to carry out mechanical design works which includes but not limited to Pipeline design, Pumping System and transfer system, Steel structures and FEA analysis using solid works, Ansys.

04. Carryout 3D modeling of mechanical components using Solid works, Cadworx, AutoCAD Plant 3D.
05. Collaborate with cross-functional teams (process, electrical, civil) to integrate process designs into overall facility layout, using Auto CAD, GIS tools.
06. Planning, executing and monitoring of Tank Repair/ Pipes laying works under the 24 Tanks Development Project in Trincomalee Tank farm ensuring adherence to project specifications and safety standards.
07. Liaising with the contractors related to the Tank Repair/ Pipe laying works under the 24 Tanks Development Project in Trincomalee Tank farm and upholding the CPC interests while monitoring the Tank Repair/ Pipe laying works.
08. Monitoring the Progress of Tank Repair/ Pipe laying works under the 24 Tanks Development Project in Trincomalee Tank farm and report the progress and issues if any to the Lead Mechanical Engineer.
09. Collaborate with project managers, contractors, and safety teams to ensure timely and safe project completion.
10. Ensure compliance with industry standards (API 650/653/570), codes and regulatory requirements and oversee the work of welding and repair crews, ensuring high-quality workmanship.
11. Oversee all stages of the pipeline laying process, including excavation, alignment, welding, testing, and commissioning.
12. Conduct quality assurance checks, including hydrostatic testing, pressure testing, and weld inspections, documenting all results.
13. Prepare daily progress reports, maintain project documentation, and contribute to project review meetings, using Gantt charts generated from MS-Project and Primavera P6.
14. Performing/involving in any other related duties entrusted by the PMU and the Higher Management when and where necessary.

### **3. Electrical & Electronics Engineer**

- I. BSc Engineering Degree in Electrical & Electronics Engineering obtained from a University accepted by the University Grant commission and post qualified experience of 03 years as an Engineer worked in development projects at recognized organizations.

Possessing Chartered / Postgraduate / Professional Qualification (such as PMP, AWS, CSWIP & API) will be an added qualifications.

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### **Job Description**

01. Plan, design, and oversee installation of electrical systems, control panels, power distribution, instrumentation, SCADA, PLC etc. for tank farm operations.
02. Supervise on-site electrical and instrumentation activities, ensuring compliance with project specifications, industry standards, and safety protocols.
03. Study/Generate/Modify/Verify the Engineering Drawings related to the Electrical/instrument works under the 24 Tanks Development Project in Trincomalee Tank farm.
04. Inspect, test, and commission electrical installations, troubleshooting issues, and ensuring quality control throughout the project.
05. Coordinate with project managers, contractors, and cross-functional teams to optimize project workflows and timelines.
06. Ensure adherence to safety regulations (e.g., NFPA, IEC, NEC, IEE etc.) and oversee safe operation of electrical equipment.
07. Prepare documentation, including installation logs, test reports, and daily progress updates.
08. Coordinate with subcontractors, monitor their adherence to design specifications, and ensure quality control.
09. Conduct regular site inspections to ensure safety, compliance, and adherence to project plans.
10. Collaborate closely with the process, civil and mechanical engineering teams to integrate instrumental and electrical requirements with piping, electrical, and storage requirements.
11. Participate in project meetings, providing updates on progress, challenges, and risk mitigation strategies.
12. Ensure that all construction activities comply with local, state, and federal regulations, as well as project-specific safety and environmental guidelines.
13. Develop and implement safety protocols for all electrical works, minimizing risks associated with excavation, heavy equipment use, and hazardous material handling.
14. Conduct risk assessments and develop mitigation plans for potential construction hazards.
15. Performing/involving in any other related duties entrusted by the PMU and the Higher Management when and where necessary.

#### 4. Civil Engineer

- I. BSc Engineering Degree in Civil Engineering obtained from a University accepted by the University Grant commission and post qualified experience of 03 years as an Engineer worked in development projects at recognized organizations.

Possessing Chartered / Postgraduate / Professional Qualification (such as PMP, AWS, CSWIP & API) will be an added qualifications.

#### Job Description

01. Civil engineering works required for site preparation, including soil testing, grading, drainage, and foundation design for tank and equipment installations.
02. Study/Generate/Modify/Verify the Engineering Drawings related to the Civil works under the 24 Tanks Development Project in Trincomalee Tank farm using Auto CAD and Autodesk Civil 3D.
03. Work with geotechnical engineers to assess soil stability and implement proper reinforcement measures.
04. Ensure that foundation design meets all load requirements, factoring in material storage, seismic, and environmental considerations.
05. Supervise civil construction activities, including excavation, grading, compaction, concrete pouring, and erection of structural elements.
06. Coordinate with subcontractors, monitor their adherence to design specifications, and ensure quality control.
07. Conduct regular site inspections to ensure safety, compliance, and adherence to project plans.
08. Collaborate closely with the process, electrical and mechanical engineering teams to integrate civil structures with piping, electrical, and storage requirements.
09. Participate in project meetings, providing updates on progress, challenges, and risk mitigation strategies, using Gantt charts generated from MS Project, and Primavera P6.
10. Ensure that all construction activities comply with local, state, and federal regulations, as well as project-specific safety and environmental guidelines.
11. Prepare and review technical documentation, including construction plans, specifications, and permits.
12. Conduct and document site surveys, prepare progress reports, and update construction schedules as needed.
13. Perform quality assurance checks, ensuring that construction work meets project specifications and acceptable industry standards of CIDA practiced in Sri Lanka.

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14. Develop and implement safety protocols for all civil works, minimizing risks associated with excavation, heavy equipment use, and hazardous material handling.
15. Conduct risk assessments and develop mitigation plans for potential construction hazards.
16. Performing/involving in any other related duties entrusted by the PMU and the Higher Management when and where necessary.

### **Fringe Benefits**

The Project will contribute 12% of the salary towards the EPF whilst the employee will have to contribute 08%. The Corporation will also contribute 3% of the salary towards the ETF.

Note :- This contractual appointment will not entitle or legally bind any permanent appointment in the Corporation.

### **How to Apply**

Application using the prescribed form should be forwarded with names and addresses and contact details of two non – related referees. Certified copies of all Educational certificates should be enclosed along with the application. Application form could be downloaded from the careers tab in the official website of the Ceylon Petroleum Corporation [www.ceypetco.gov.lk](http://www.ceypetco.gov.lk)

**Applications from employees in Government Departments and Statutory Bodies should be forwarded through their Heads of Institutions who should certify whether the applicant could be released to take up appointment, if selected.**

*The post applied for should be written on the top left hand corner of the envelope which contains the application should be sent to the following address by requested post on or before 10.03.2025*

**The application not complying the above requirements will be rejected.**

  
**Managing Director**  
**Ceylon Petroleum Corporation**  
**No. 609, Dr. Danister De Silva Mawatha**  
**Colombo 09**

24.02.2025

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