



PETROCHEMICALS

With three refineries in the group, Bharat Petroleum is a name to reckon with in the refining segment. BPCL has developed refinery infrastructure with an aim to increase refining capacity and strengthen our stronghold in the refining sector. Our refineries have always been at the forefront of innovation.

BPCL Bina Refinery located at Bina, Madhya Pradesh is setting up an Ethylene Cracker Complex and Associated Units for its diversification into Petrochemicals like Ethylene and Propylene based Petrochemical units along with expansion of its refinery capacity to 11 MMTPA, a monumental endeavor valued at Rs 49,000 crores. The project is scheduled to be completed in 5 years' time. The project's product portfolio will encompass a diverse range, including High-Density Polyethylene (HDPE), Linear Low-Density Polyethylene (LLDPE), Polypropylene (PP), and an array of valuable aromatics like Benzene, Toluene, and Xylene (BTX). These products serve as the building blocks for various industries. The postings for the positions in notified for petrochemicals will be at Bina/Mumbai refinery.

We invite applications for the following profiles:

PETROCHEMICALS - PROJECT LEADER (PROCESS)

ESSENTIAL	Bachelor's Degree (B. E / B. Tech) in Chemical /Petrochemical/Polymer
EDUCATIONAL QUALIFICATION	Engineering (Four Year Course) with minimum 70% aggregate percentage (or
QUALIFICATION	equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories.
KEY CHALLENGES AND EXPECTATIONS	As a professional employed in BPCL, you will work on exciting assignments as part of the Petrochemical Projects. You will be responsible for leading the team with deliverables such as: • Feasibility Studies, Design basis preparation / finalization, Licensors selection, if any, BDEP preparation & Detailed engineering activities especially PFD/ P&ID, Model reviews (30,60&90%), SIL & HAZOP studies, etc. with all Process Licensors / Consultants. • Management of implementation of the project conforming to relevant design documents.
	 Pre-commissioning and commissioning activities trouble shooting, PGTR and coordination with licensors & other stakeholders, etc. Overseeing and providing guidance for normal operations, plant start-up and shutdown including various emergency shutdowns & operations of critical equipment like compressors / blowers / pumps / furnaces / incinerators /extruders Overseeing and providing guidance for plant activities for production of on specification intermediates /products from Ethylene Cracker /

17th October 2023 Page **4** of **76**



Polypropylene / Butene-1 / Polyethylene - Linear Low-Density Polyethylene (LLDPE)/High Density Polyethylene (HDPE)/ and associated units

- Providing requisite training for process personnel
- Taking charge of plant emergency situations and providing instructions/guidelines to overcome plant emergency situations, trouble shooting, imparting training etc.
- Facilitation of management of preventive & breakdown maintenance of various mechanical equipment, maximum utilization of available resources, reducing time, maintaining safety & quality standards in work, ensuring process safety & safety standards including Hazop /risk analysis / design standards / guidelines are adopted.
- Implementation of control systems with in-depth understanding of P&ID/PFDs storage, handling, bagging & dispatch of petrochemical products.
- Utilities & Off-site activities.
- Facilitation of development of operating manuals / supervisory manuals, Standard Operating Procedures (SOPs), ensure that all the plant operational activities, start-ups and shutdowns are carried out safely as per the Licensor/internally developed SOPs.
- Other responsibilities include all activities related to routine maintenance, Turnaround Maintenance/shutdown activities, plant preservation activities, monitoring of plant parameters, feedback on plant operations, training and equipping new hires on plant SOPs, emergency procedures, etc.
- Knowledge in using digital platform for efficient monitoring & report generations (weekly/ monthly / yearly)
- Ensure all project activities adhere to safety and environmental regulations.
- Maintain high-quality standards throughout the project lifecycle.
- Prepare regular progress reports for stakeholders.
- Identify and assess project risks, develop risk mitigation strategies, monitor, and manage risks throughout the project lifecycle.

ESSENTIAL WORK-EXPERIENCE (AS ON 01.10.2023) Minimum **25 Years** of experience in Operations/ Process/ Project in a Large Refinery or a Major Unit within a Petroleum Refinery / petrochemical/ polymer complex **of which**, the candidate has to have minimum **12 years** of experience in operation / technology/ project related to petrochemical / polymer units.

17th October 2023 Page **5** of **76**



DESIRED SKILLS	 Candidates should possess detailed knowledge in review of BDEP documents/operating manuals/detailed engineering activities, in handling/operation of furnace / reactors/catalytic process and handling materials such as Naphtha /LGO /Ethylene /Propylene / PE/ PP, reactions and controls, pyrophoric catalyst substances, TEAL, liquefied gases, liquid/ dry additives, major equipment such as furnaces/extruders, pipe/auto clave reactors, CSTR reactors/ tubular reactors/ purifiers/ dryers, pumps, compressors, blowers, bag filters, refrigeration compressors/ chillers, heat exchangers, diaphragm/ metering pumps, blenders, liquid/gaseous incinerators, managing polymer warehouse, polymer/ petrochemicals dispatch in tankers/Iso containers. Knowledge of distributed control systems, safety systems such as PLC/FSC, remote/local operated hand valves/control valves/pull-down valves. Hazard area classification in a process plant, LT/HT drives, PLCs, DC drives, AC variable frequency drives etc. A keen eye for detail and accuracy Adeptness at trouble shooting of unit operations, commissioning of units, process optimization and resolution of process-related issues. Ability to work in coordination with other sections / departments, ability to focus with meticulousness, ability to tolerate physical exertion. Proficiency in strategy management and planning. Excellent leadership and interpersonal skills Knowledge of safety and environmental regulations in the petrochemical industry
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 50 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.
	Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

However, the maximum age of the candidate should not exceed 58 years as on

01.10.2023, after all applicable relaxations are accounted for.

17th October 2023 Page **6** of **76**





PETROCHEMICALS - PROCESS MANAGER

ESSENTIAL	Bachelor's Degree (B.E / B.Tech) in Chemical /Petrochemical/Polymer
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KEY CHALLENGES AND EXPECTATIONS	Engineering (Four Year Course) with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories As a professional employed in BPCL, you will work on exciting assignments as part of the refinery petrochemical team, you will be responsible for: • Feasibility studies, design basis preparation / finalization, BDEP preparation & detailed engineering activities especially PFD/ P&ID, model reviews (30,60&90%), SIL & HAZOP studies, etc. with process licensors / consultants. • During implementation of the project inspection of systems / equipment / internals for conforms to design documents. • Assist in units pre-commissioning and commissioning activities trouble shooting, PGTR and coordination with licensors & other stake holders, etc. • Handling normal operations, plant start-up and shut down including various emergency shutdowns. • Operations of critical equipment like compressors /blowers / pumps / furnaces/ incinerators / extruders • Handling shift operations - plant activities for production of on specification intermediates /products from Ethylene Cracker / Polypropylene / Butene-1 / Polyethylene - Linear Low-Density Polyethylene (LLDPE)/High Density Poly Ethylene (HDPE)/ and associated units • Taking charge of plant emergency situations and providing instructions/guidelines to panel/field staff to overcome plant emergency situations, trouble shooting, imparting training etc.
	 Managing preventive & breakdown maintenance of various mechanical equipment, maximum utilization of available resources, reducing time, maintaining safety & quality standards in work, ensuring process safety & safety standards, Hazop and risk analysis and design standards / guidelines.
	• Ensuring process specifications of equipment like columns, vessels, furnaces / burners, heat exchangers, pumps, compressors, measuring and control instruments, heat-mass balance, piping, safety / statutory requirements etc.
	 Handling control systems with in-depth understanding of P&ID/PFDs storage, handling, bagging & dispatch of petrochemical products. Handling and coordinating with utilities & Off-site activities.
	 Development of operating manuals / supervisory manuals, Standard Operating Procedures (SOPs), ensure that all the plant operational activities,

17th October 2023 Page **7** of **76**



17th October 2023 Page **8** of **76**



	 Knowledge of Process Safety Management Working knowledge of process simulation tools like Aspen HYSYS, HTRI etc.
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 46 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives. Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

PETROCHEMICALS – PROCESS ENGINEER

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E / B.Tech) in Chemical /Petrochemical/Polymer Engineering (Four Year Course) with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories
KEY CHALLENGES AND EXPECTATIONS	As a professional employed in BPCL, you will work on exciting assignments as part of the refinery petrochemical team, you will be responsible for: • Feasibility studies, design basis preparation / finalization, BDEP preparation & detailed engineering activities especially PFD/ P&ID, model reviews (30,60&90%), SIL & HAZOP studies, etc. with Process Licensors / Consultants. • During implementation of the project, inspection of systems / equipment / internals for conforms to design documents. • Assist in units pre-commissioning and commissioning activities trouble shooting, PGTR and coordination with licensors & other stake holders, etc. • Handling normal operations, plant start-up and shutdown including various emergency shutdowns • Operations of critical equipment like compressors /blowers /pumps /furnaces / incinerators / extruders • Handling shift operations: plant activities for production of specification intermediates /products from Ethylene Cracker / Polypropylene / Butene-1 / Polyethylene - Linear Low Density Polyethylene (LLDPE)/High Density Poly Ethylene (HDPE)/ and associated units • Taking charge of plant emergency situations and providing instructions/guidelines to panel/field staff to overcome plant emergency situations, trouble shooting, imparting training etc.

17th October 2023 Page **9** of **76**



ESSENTIAL WORK- EXPERIENCE	 Managing preventive & breakdown maintenance of various mechanical equipment, maximum utilization of available resources, reducing time, maintaining safety & quality standards in work, ensuring process safety & safety standards, Hazop and risk analysis and design standards / guidelines. Ensuring process specifications of equipment like columns, vessels, furnaces / burners, heat exchangers, pumps, compressors, measuring and control instruments, heat-mass balance, piping, safety / statutory requirements etc. Handling Control systems with in-depth understanding of P&ID/PFDs Storage, handling, bagging & dispatch of petrochemical products. Handling and coordinating with Utilities & Off-site activities. Development of Operating manuals / Supervisory manuals, Standard Operating Procedures (SOPs), ensure that all the plant operational activities, start-ups and shutdowns are carried out safely as per the Licensor/internally developed SOPs. Other responsibilities include all activities related to routine maintenance, Turnaround Maintenance/shutdown activities, plant preservation activities, monitoring of plant parameters, feedback on plant operations, training and equipping new hires on plant SOPs, emergency procedures, etc. Knowledge in using digital platform for efficient monitoring & report generations (weekly/ monthly / yearly) Managing unit Process Operating Window (PoW) limits. Collaborate with cross-functional teams, including operations, maintenance, lab and scheduling personnel. Identify opportunities for cost reduction and process optimization. Manage catalyst and chemical optimization. Minimum 7 years of experience in Operations/ Process in a Large Refinery or a Major Unit within a Petroleum Refinery/ petrochemical/ polymer complex of which the candidate has to have minimum 4 years of experience in operation /
(AS ON 01.10.2023)	technology related to petrochemical / polymer units.
DESIRED SKILLS	 Candidates should possess detailed knowledge in review of BDEP documents/operating manuals/detailed engineering activities, in handling/operation of furnace / reactors/catalytic process and handling materials such as Naphtha /LGO /Ethylene /Propylene /PE/PP, reactions and controls, Pyrophoric catalyst substances, TEAL, liquefied gases, liquid/dry additives, major equipment such as furnaces/extruders, pipe/auto clave reactors, CSTR reactors/ tubular reactors/ purifiers/ dryers, pumps, compressors, blowers, bag filters, refrigeration compressors/ chillers, heat

17th October 2023 Page **10** of **76**



	exchangers, diaphragm/ metering pumps, blenders, liquid/gaseous
	Incinerators, managing polymer warehouse, polymer / petrochemicals
	dispatch in tankers/Iso containers.
	Working knowledge of distributed control system, safety systems such as
	PLC/FSC, remote/local operated hand valves/control valves/pull-down
	valves. Hazard area classification in a process plant, LT/HT drives, PLCs,
	DC drives, AC variable frequency drives etc.
	Adeptness at trouble shooting of unit operations, commissioning of units,
	process optimization and resolution of process-related issues.
	Ability to work in coordination with other sections / departments, ability to
	focus with meticulousness, ability to tolerate physical exertion during
	equipment verification, etc.
	Proficiency in process simulation tools like Aspen HYSYS, HTRI etc.
	Excellent problem-solving and analytical skills.
	Upper Age Limit for General and EWS candidates- 34 years.
UPPER AGE LIMIT (AS ON 01.10.2023)	Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.
	Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

PETROCHEMICALS - PROJECT MANAGER (MECHANICAL)

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E / B.Tech) in Mechanical Engineering (Four Year Course) with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories.
KEY CHALLENGES AND EXPECTATIONS	 Your responsibility areas include the following: Defining project objectives, scope, and deliverables Developing a comprehensive project plan, including timelines, milestones, and resource allocation Monitoring progress against the schedule and taking corrective actions as needed to ensure timely project completion. Monitoring project costs, track expenses, and ensure adherence to the budget. Coordinating with stakeholders including internal stakeholders, regulatory/statutory agencies, project management consultants and

17th October 2023 Page **11** of **76**



ESSENTIAL WORK-	 contractors. Managing contracts with suppliers, contractors and ensuring that works are executed adhering to contractual obligations. Driving a team of contractors at site during the execution of construction activities Ensuring the required authorizations/permits before starting the job at site. Ensuring that the site job is taking place as per drawings issued for construction with no deviation from the scope. Interaction directly with workmen & supervisors to ensure that the job progresses with no hindrances. Supervision & recording of site activities. Driving implementation of the project schedule and ensuring the job progresses according to the set timelines. Implementation of all the BPCL Standard Procedures at site Ensuring that all prescribed standard specifications are followed at site and the quality of material used is as per the specifications. Carry out sample checks/inspection of material if required with a compliance report prepared for the site in-charge. Co-ordination of the movement of ODC Consignment until site & follow-up with contractors/vendors for availability of material at site Ensuring compliance with all relevant safety and environmental regulations Assessing the impact of changes and obtaining necessary approvals. Supervising and monitoring site progress & recording the same in a report periodically. Timely verification and certification of the measurements Maintaining project documentation, including contracts, drawings, specifications and change orders. Conducting a thorough project closeout, including final inspections, documentation, and handover to operations Coordinating with local bodies, contractors, statutory authorities, etc. Work on cost control measures while managing the quality and safety Minimum 14 Years of experience in execution of projects / maintenance related to Refinery/Petroche
	to Refinery/Petrochemical/Fertilizer industry.
EXPERIENCE	·
(AS ON 01.10.2023)	
,	Project management skills, including the ability to plan, execute, and
DECIDED CRILLS	
DESIRED SKILLS	oversee complex projects while adhering to budgets and timelines. (Project
	management certifications such as PMP is preferred)

17th October 2023 Page **12** of **76**



	Experience of handling mainly construction activities in projects related to
	petroleum refinery/petrochemicals.
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	 In-depth knowledge of Civil/Mechanical standards
	 Experience of interpreting, reviewing MIS reports
	 Working experience of SAP & related technology platforms
	 Ability to control and supervise the construction work of the complete
	project within the respective disciplines.
	 Learning agility & good presentation skills
	 Demonstrated people management skills.
	 Ability to adapt to new technology and methods.
	 A high level of integrity, self-discipline, and positive attitude
	 Strong written and oral communication skills
	 Excellent networking & strong negotiation skills
	 Self-motivated and target-oriented to drive results.
	 Proficiency in strategy management and planning.
	Upper Age Limit for General and EWS candidates- 42 years.
UPPER AGE LIMIT	Age relaxations will be applicable to the candidates belonging to different categories
(AS ON 01.10.2023)	(OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.
	Cumulative relaxation in age for one/more than one category taken together shall be
	limited to a maximum of 10 years.
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PETROCHEMICALS - PROJECT ENGINEER (MECHANICAL)

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E / B.Tech) in Mechanical Engineering (Four Year Course) with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories.
KEY CHALLENGES AND EXPECTATIONS	 Your responsibility areas include the following: Defining project objectives, scope, and deliverables Developing a comprehensive project plan, including timelines, milestones, and resource allocation Monitoring progress against the schedule and taking corrective actions as needed to ensure timely project completion. Monitoring project costs, track expenses, and ensure adherence to the budget. Coordinating with stakeholders including internal stakeholders, regulatory/statutory agencies, project management consultants and contractors.

17th October 2023 Page **13** of **76**



	Managing contracts with suppliers, contractors and ensuring that works are executed adhering to contractual obligations.
	Driving a team of contractors at site during the execution of construction
	activities.
	• Ensuring the required authorizations/permits before starting the job at site.
	• Ensuring that the site job is taking place as per drawings issued for construction with no deviation from the scope.
	Interaction directly with workmen & supervisors to ensure that the job
	progresses with no hindrances.
	Supervision & recording of site activities.
	Driving implementation of the project schedule and ensuring the job
	progresses according to the set timelines.
	Implementation of all the BPCL Standard Procedures at site
	• Ensuring that all prescribed standard specifications are followed at site and the quality of material used is as per the specifications.
	Carry out sample checks/inspection of material if required with a compliance report prepared for the site in-charge.
	Co-ordination of the movement of ODC Consignment until site & follow- up with contractors/vendors for availability of material at site.
	Ensuring compliance with all relevant safety and environmental regulations.
	Assessing the impact of changes and obtaining necessary approvals.
	 Supervising and monitoring site progress & recording the same in a report periodically.
	Monitor project expenditures and control costs. Identify cost-saving
	opportunities and implement cost-effective solutions.
	Timely verification and certification of the measurements
	 Maintaining project documentation, including contracts, drawings, specifications, and change orders
	Conducting a thorough project closeout, including final inspections,
	documentation, and handover to operations
	Coordinating with local bodies, contractors, statutory authorities, etc.
ESSENTIAL	Minimum 7 Years of experience in execution of projects / maintenance related
WORK-	to Refinery/Petrochemical/Fertilizer industry.
EXPERIENCE (AS ON 01.10.2023)	
	Project management skills, including the ability to plan, execute, and
DESIRED SKILLS	oversee complex projects while adhering to budgets and timelines. (Project
	management certifications such as PMP is preferred)

17th October 2023 Page **14** of **76**





	Experience of handling mainly construction activities in projects related to
	petroleum refinery/petrochemicals.
	In-depth knowledge of Civil/Mechanical Standards
	Experience of interpreting, reviewing MIS reports
	Working experience of SAP & related technology platforms
	Ability to control and supervise the construction work of the complete
	project within the respective disciplines.
	Learning agility & good presentation skills
	Demonstrated people management skills.
	Ability to adapt to new technology and methods.
	A high level of integrity, self-discipline, and positive attitude
	Strong written and oral communication skills
	Excellent networking & strong negotiation skills
	Self-motivated and target-oriented to drive results.
	Knowledge of Process Safety Management
	Upper Age Limit for General and EWS candidates- 34 years.
	Age relaxations will be applicable to the candidates belonging to different
UPPER AGE	categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential
LIMIT	Directives.
(AS ON 01.10.2023)	
,	Cumulative relaxation in age for one/more than one category taken together shall
	be limited to a maximum of 10 years.

PETROCHEMICALS - PROJECT MANAGER (CIVIL)

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E / B.Tech) in Civil Engineering (Four Year Course) with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories
KEY CHALLENGES AND EXPECTATIONS	 Your responsibility areas include the following: Driving a team of contractors at site during the execution of construction activities Procurement of the required permits/clearances before starting the job at site Organization of & toolbox talks (TBT) for briefing workmen about safety aspects of the job & proper safety precautions to be taken during execution of job Drafting the erection scheme of equipment wherever required and obtaining approvals.

17th October 2023 Page **15** of **76**



ESSENTIAL WORK-	 Ensuring that the site job is taking place as per drawings issued for construction with no deviation from the scope. Regular interaction directly with workmen & supervisors to ensure that the job progresses with no hindrances. Supervision & recording of site activities. Driving implementation of the project schedule and ensuring the job progresses according to the set timelines. Implementation of all the BPCL Standard Procedures at site. Ensuring that all prescribed standard specifications are followed at site and the quality of material used is as per the specifications. Carry out sample checks/inspection of material. Co-ordination of the movement of ODC Consignment until site & follow-up with contractors/vendors for availability of material at site. Ensuring that the safety plans are implemented on site, etc. Monitoring site progress & recording the same in a report periodically. Timely verification and certification of the measurements mentioned in the Contracts. Coordinating with local bodies, contractors, statutory authorities, etc. Maintain accurate project documentation, including project reports, drawings, specifications, and change orders Minimum 14 Years of experience in execution of projects / maintenance related to Refinery/Petrochemical/Fertilizer industry
EXPERIENCE	
(AS ON 01.10.2023)	
DESIRED SKILLS	 In-depth knowledge of Civil standards. Knowledge of safety, environmental, and regulatory requirements in the petrochemical sector Experience of interpreting and reviewing MIS reports. Working experience of SAP & related technology platforms. Ability to control and supervise the construction work of the complete project within the respective disciplines. Learning agility & good presentation skills. Demonstrated people management skills. Ability to adapt to new technology and methods. A high level of integrity, self-discipline and positive attitude. Strong written and oral communication skills. Excellent networking & strong negotiation skills. Self-motivated and target-oriented to drive results.

17th October 2023 Page **16** of **76**



	 Proficiency in strategy management and planning. Proficiency in project management software and tools.
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 42 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives. Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

PETROCHEMICALS - PROJECT ENGINEER (CIVIL)

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E / B.Tech) in Civil Engineering (Four Year Course) with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories
KEY CHALLENGES AND EXPECTATIONS	 Your responsibility areas include the following: Driving a team of contractors at site during the execution of construction activities Procurement of the required permits/clearances before starting the job at site Organization of & toolbox talks (TBT) for briefing workmen about safety aspects of the job & proper safety precautions to be taken during execution of job Drafting the erection scheme of equipment wherever required and obtaining approvals. Ensuring that the site job is taking place as per drawings issued for construction with no deviation from the scope. Regular interaction directly with workmen & supervisors to ensure that the job progresses with no hindrances. Supervision & recording of site activities. Driving implementation of the project schedule and ensuring the job progresses according to the set timelines. Implementation of all the BPCL Standard Procedures at site. Ensure compliance with all relevant safety, health, and environmental regulations. Ensuring that all prescribed standard specifications are followed at site and the quality of material used is as per the specifications.

17th October 2023 Page **17** of **76**



	 Carry out sample checks/inspection of material. Co-ordination of the movement of ODC Consignment until site & follow-up with contractors/vendors for availability of material at site. Ensuring that the safety plans are implemented on site, etc. Monitoring site progress & recording the same in a report periodically. Timely verification and certification of the measurements mentioned in the Contracts. Coordinating with local bodies, contractors, statutory authorities, etc.
	Monitor and report on project progress
ESSENTIAL	Minimum 7 Years of experience in execution of projects / maintenance
WORK-	related to Refinery/Petrochemical/Fertilizer industry.
EXPERIENCE (AS	
ON 01.10.2023)	
DESIRED SKILLS	 In-depth knowledge of Civil standards. Experience of interpreting and reviewing MIS reports. Working experience of SAP & related technology platforms. Ability to control and supervise the construction work of the complete project within the respective disciplines. Learning agility & good presentation skills. Demonstrated people management skills. Ability to adapt to new technology and methods. A high level of integrity, self-discipline and positive attitude. Strong written and oral communication skills. Excellent networking & strong negotiation skills. Self-motivated and target-oriented to drive results.
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 34 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives. Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

17th October 2023 Page **18** of **76**



RESEARCH & DEVELOPMENT

BPCL has set up state-of-the-art Corporate R&D Centre (CRDC) at Greater Noida (near Delhi) in July 2001 to support business growth. CRDC is one of the leading R&D Centers in the country and recognized by the Dept. of Scientific & Industrial Research (DSIR), Govt. of India. CRDC is actively involved in supporting corporate business through constant advanced technical support and novel product/ process technology development in niche areas leading to new business development. In line with this, CRDC has illuminated paths to engender breakthrough innovations in the energy sector. CRDC's research areas include advanced characterization and evaluation of crude oils, digital tools, catalysis, process simulation and modelling, Process intensification, Energy efficient separation processes, novel reactors configuration, corrosion and fouling, bitumen, residue upgradation, petrochemicals/polymers, alternative fuels/energy, biofuels/biochemicals, green hydrogen, DME, solar photovoltaic etc.

We invite applications for the following profiles:

RESEARCH & DEVELOPMENT - DIGITAL INNOVATION

ESSENTIAL	Ph.D. degree in Chemical Engineering / Data Science. The candidate should have
EDUCATIONAL	secured minimum 65% marks (aggregate marks of all semesters/years) in all
QUALIFICATION	Graduate and Post graduate degree examinations, relaxed to 55% for
	SC/ST/PwBD.
KEY CHALLENGES AND EXPECTATIONS	 The candidate will work on R&D projects as part of the scientific team. Candidate will be responsible for: Develop advanced process simulation, data-driven and mathematical models for optimization of refinery & petrochemical units and meeting energy transition needs. Build, calibrate, and validate process unit models using process simulation software. Regular update of the process models.
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	Minimum 1 year research experience from reputed national or international research organization, in the areas of Digital Innovation, AI/ML technologies, data science to develop innovative solutions for informed decision-making, operational optimization, and value creation across the businesses. NOTE: Teaching Experience will not be considered as relevant work experience. Vocational / Apprentice Training will not be considered as experience. Research Work carried out during course of acquiring Ph.D. will not be considered as relevant work experience.

17th October 2023 Page **19** of **76**



	AI / ML, data science, computational science, Internet of Things, Blockchain, Augmented Reality and other capabilities.
DESIRED SKILLS	Expertise in process modeling, simulation and optimization using software
	tools (Aspen plus, Hysys, EDR), other programing tools (MATLAB, Python
	etc.).
	Develop sustainability solutions to meet energy transition needs.
	Excellent communication skills, highly motivated and goal oriented
	Ability to develop new research ideas, pursue research projects and manage
	its commercialization activities.
	Prepare technical research reports, patent new ideas and publish in high-impact
	peer reviewed journals.
	Coordinate and manage administrative and support activities related to R&D
	and take additional responsibilities as and when assigned.
	Upper Age Limit for General and EWS candidates- 35 years.
UPPER AGE LIMIT	Age relaxations will be applicable to the candidates belonging to different categories
(AS ON 01.10.2023)	(OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.
	Cumulative relaxation in age for one/more than one category taken together shall be
	limited to a maximum of 10 years.

RESEARCH & DEVELOPMENT - PROCESS INTENSIFICATION

ESSENTIAL EDUCATIONAL QUALIFICATION	Ph.D. degree in Chemical Engineering with specialisation in the field of Process Intensification/ Separation Technology. The candidate should have secured minimum 65% marks (aggregate marks of all semesters/years) in all Graduate and Post graduate degree examinations, relaxed to 55% for SC/ST/PwBD.
KEY CHALLENGES AND EXPECTATIONS	The candidate will work on R&D projects as part of the scientific team. Candidate will be responsible for: • Carry out research in the areas of CO2 separation, membrane-based separation process, distillation, extraction, HiGee absorption, adsorption, solvent de-asphalting, and develop advanced separation technologies. Design of experiments, setting up experimental facility, pilot plant, data analysis, kinetic studies, mathematical modeling, simulation, optimization and develop innovative process know-how.

17th October 2023 Page **20** of **76**



72 300 (2), 11 400 (2), 20 (2)	energising lives
	 Collaborate with cross-functional teams to implement new process intensification technologies and methodologies into production processes.
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	 Minimum 1 year research experience from reputed national or international laboratories, in the areas of Process Intensification / Separation Technology. NOTE: Teaching Experience will not be considered as relevant work experience. Vocational / Apprentice Training will not be considered as experience. Research Work carried out during the course of acquiring Ph.D. will not be considered as relevant work experience
DESIRED SKILLS	 Demonstrate high level of technical proficiency in Process Intensification / Separation Technology. Sound knowledge of Process Development, Thermodynamics Analysis, Modelling & Simulation, Aspen Plus/Aspen Hysys Modeling, CFD Modeling and statistical methods. Expertise in setting up bench scale / pilot scale units, reaction engineering, multi-phase flow, numerical methods, separation processes, DoE, data analytics, and modeling of advanced separation systems viz. CO2 separation, membrane based-process, distillation, extraction, solvent de-asphalting and HiGee absorption etc. Excellent communication skills, highly motivated and goal oriented Ability to develop new research ideas, pursue research projects and manage its commercialization activities. Knowledge of relevant industry regulations and standards Prepare technical research reports, patent new ideas and also publish in high-impact peer reviewed journals. Coordinate and manage administrative and support activities related to R&D and take additional responsibilities as and when assigned.
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 35 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.
	Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

17th October 2023 Page **21** of **76**



RESEARCH & DEVELOPMENT - COMPUTATIONAL FLUID DYNAMICS

ESSENTIAL EDUCATIONAL QUALIFICATION	Ph.D. degree in Chemical Engineering with specialization of Computational Fluid dynamics from a reputed Institute. The candidate should have secured minimum 65% marks (aggregate marks of all semesters/years) in all Graduate and Post graduate degree examinations, relaxed to 55% for SC/ST/PwBD.
KEY CHALLENGES AND EXPECTATIONS	 Candidate will work on R&D projects as part of the scientific team. Candidate will be responsible for: Carrying out research in the field of advanced process technology by developing Computational Fluid Dynamics models using commercial CFD software for chemical processes, designing experimental set-ups for validating models and their experimental validation. Maintain comprehensive records of simulation methodologies, assumptions, and results. Prepare technical reports and presentations for internal and external stakeholders. Collaborate with cross-functional teams, including engineers, scientists, and product developers, to integrate CFD insights into product design and development processes.
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	 Minimum 1-year hands-on research experience in the area of Computational Fluid dynamics and well versed with writing custom user defined functions. NOTE: Teaching Experience will not be considered as relevant work experience. Vocational / Apprentice Training will not be considered as experience. Research Work carried out during course of acquiring Ph.D. will not be considered as relevant work experience.
DESIRED SKILLS	 Demonstrate high level of technical proficiency in using commercial CFD software such as Ansys / Star CCM. Sound knowledge of CAD drawing, transport equations, multiphase multicomponent system modeling Expertise in setting up prototype units to validate CFD models. Excellent communication skills, highly motivated and goal oriented Ability to develop new research ideas, pursue research projects and manage its commercialization activities. Prepare technical research reports, patent new ideas and publish in highimpact peer reviewed journals.

17th October 2023 Page **22** of **76**





	 Coordinate and manage administrative and support activities related to R&D and take additional responsibilities when assigned.
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 35 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.
	Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

RESEARCH & DEVELOPMENT - PETROCHEMICALS

	,
ESSENTIAL EDUCATIONAL QUALIFICATION	Ph.D. degree in Chemistry / Petrochemical / Chemical Engineering with specialization in Organic/Polymers/Petrochemical processes from a reputed Institute. The candidate should have secured minimum 65% marks (aggregate marks of all semesters/years) in all Graduate and Post graduate degree examinations, relaxed to 55% for SC/ST/PwBD.
KEY CHALLENGES AND EXPECTATIONS	 The candidate will work on R&D projects as part of the scientific team. Candidate will be responsible for: Carrying out research in petrochemicals for development of new products and processes. Providing advanced technical solutions to BPCL petrochemical business. Identify opportunities for process improvements, cost reduction, and efficiency enhancements in petrochemical manufacturing. Providing advanced technical solutions to BPCL petrochemical business. Development and scale-up of niche petrochemical and polymerization processes to add value to BPCL's petrochemical business.
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	 Minimum 1-year hands-on research experience in the area of Petrochemical processes and product development. NOTE: Teaching Experience will not be considered as relevant work experience. Vocational / Apprentice Training will not be considered as experience. Research Work carried out during course of acquiring Ph.D. will not be considered as relevant work experience.

17th October 2023 Page **23** of **76**



	 Demonstrate high level of technical proficiency in synthesis & characterization of petrochemicals & polymers.
	The candidate should be skilled in homogeneous & heterogenous phase
	reaction processes.
DESIRED SKILLS	 Conceptualize and establish process schemes for production of niche petrochemicals from available feedstock
	Excellent communication skills, highly motivated and goal oriented
	Ability to develop new research ideas, pursue research projects and manage its commercialization activities.
	Prepare technical research reports, patent new ideas and also publish in
	high-impact peer reviewed journals.
	Coordinate and manage administrative and support activities related to
	R&D and take on additional responsibilities as and when assigned.
	Upper Age Limit for General and EWS candidates- 35 years.
UPPER AGE LIMIT (AS ON 01.10.2023)	Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.
	Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

RESEARCH & DEVELOPMENT – POLYMERS

ESSENTIAL	Ph.D. degree in Synthetic Polymer Chemistry with specialization in Polyolefins from a reputed Institute. The candidate should have secured minimum 65%			
EDUCATIONAL				
QUALIFICATION	marks (aggregate marks of all semesters/years) in all Graduate and Post graduate			
	degree examinations, relaxed to 55% for SC/ST/PwBD.			
	The candidate will work on R&D projects as part of the scientific team.			
	Candidate will be responsible for:			
KEY	Carrying out research in the area of synthetic polymer chemistry for			
CHALLENGES	development of new products and processes			
AND EXPECTATIONS	 Providing technical solutions to BPCL petrochemical business 			
EXIECTATIONS	Development and scale-up of niche petrochemical and polymerization			
	processes to add value to BPCL's petrochemical business.			

17th October 2023 Page **24** of **76**





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	Work closely with cross-functional teams, including operations, process			
	and lab team, to support the successful implementation of polymer			
	solution.			
	Minimum 1-year hands-on research experience in the area of Synthetic			
	Polymer Chemistry.			
ESSENTIAL	NOTE:			
WORK-	Teaching Experience will not be considered as relevant work experience.			
EXPERIENCE (AS	 Vocational / Apprentice Training will not be considered as experience. 			
ON 01.10.2023)				
	considered as relevant work experience.			
	Demonstrate high level of technical proficiency in identifying			
	products/processes within the existing petrochemical portfolio.			
	Conceptualize and establish process schemes for production of new			
	polymers from available feedstock.			
DESIRED SKILLS	Hands-on experience with polymer synthesis, characterization, and			
DESIRED SIXILES	testing techniques.			
	Excellent communication skills, highly motivated and goal oriented			
	Ability to develop new research ideas, pursue research projects and			
	manage its commercialization activities.			
	Prepare technical research reports, patent new ideas and also publish in			
	high-impact peer reviewed journals.			
	Upper Age Limit for General and EWS candidates- 35 years.			
	epper rige Emili for General and E was candidates be years.			
UPPER AGE	Age relaxations will be applicable to the candidates belonging to different			
LIMIT				
(AS ON 01.10.2023)	categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.			
	Directives.			
	Cumulative relevation in any for any/more than any estadow telegrate with an about			
	Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.			

RESEARCH & DEVELOPMENT (RENEWABLES)

As a responsible energy company, BPCL has taken the first big strides towards harnessing renewable energy. BPCL is aspiring to become a NetZero company by 2040 and with this vision, BPCL is targeting to develop a RE portfolio of 1 GW by 2025 and 10 GW by 2040. BPCL has formed a dedicated Renewable Energy business unit for handling Renewable Energy business and is also conducting Research in the areas of Renewables and further exploring various opportunities in the sector to build RE capacity and meet the NetZero targets and opportunities in Green Hydrogen value chain. BPCL is currently executing a few solar and wind projects, and more projects are under evaluation. We have a plethora of opportunities for 17th October 2023





experienced professionals in various streams for leading interface between R&D Team, Projects, Sales and Operations teams.

We invite applications for the following profiles:

RESEARCH & DEVELOPMENT (RENEWABLE ENERGY - COMMERCIAL & INDUSTRIAL)

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E/B.Tech – Electrical/Mechanical) (Four Year Course) with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories.				
KEY CHALLENGES AND EXPECTATIONS	As a professional employed in BPCL, you will work on exciting assignments for interface between R&D and Renewable Energy Team. You will be responsible for: • Interaction with potential Commercial & Industrial (C&I) customers exploring RE Power / Tariff trends and understand their requirements to enable research & development work in this field. • Keep a track of RE power purchase tenders and various evaluations of Go/No-Go decisions and study trends. • Enable Renewable team & R&D teams for study technical and financial evaluation in various tenders and execution of PPA documents. • Gather latest market information in the C&I segment. Be updated w.r.t competitor strategies in the segment, prevailing C&I tariffs across states. • Involvement in pre-feasibility and detailed project study of RE Projects. • Estimation of project costings, Technologies vis-à-vis industrial trends. • Understanding the working of basic project financials, IRR sensitivity. • Accustoming with various State and Central regulations/guidelines updating the same in BPCL data base and relating the R&D, project conceptualisation, operation to adhere the same. • Liasoning with all concerned regulatory authorities • Understanding of Hazard and Risk analysis of RE Projects and study of design standards / guidelines to minimise Environmental/Social risks relevant to RE projects and enable in implementation. • Stay updated with local, state, and national regulations related to renewable energy incentives, tax credits, and permitting. Enabling				

17th October 2023 Page **26** of **76**





	Renewable team for ensuring compliance with all applicable laws and standards.		
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	Minimum 7 years of overall experience in which at least 3 years of experience in sales of Renewable Energy Power to C&I segment and bidding in power purchase tenders floated by SECI/states etc.		
DESIRED SKILLS	 Experience in scouting of potential C&I customers, holding discussions with them and concluding the deals. Experience in working out competitive tariff, calculation of returns and finalisation of PPA documents. Experience of preparation of bids and participating in RE power purchase tenders floated by SECI/states etc. Basic knowledge about State and Central regulations, various approval procedures for RE Projects, good liasoning skills. Proficiency in strategy management and planning. Experience in project management, including budgeting and scheduling. 		
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 38 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives. Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.		

RESEARCH & DEVELOPMENT (RENEWABLE ENERGY PROJECTS, OPERATIONS & MAINTENANCE)

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E/B.Tech – Electrical/Mechanical) (Four Year Course) with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories.			
As a professional employed in BPCL, you will work on exciting assigns for interface between R&D and Renewable Energy Team. You will be				
KEY CHALLENGES	responsible for:			
AND	 Acquire deep understanding of O&M needs of RE Projects and enable 			
EXPECTATIONS	R&D for improvements in these areas.			
	Enable Renewable Energy Team in Pre-Feasibility and Detailed			
	Project Study for RE Projects.			

17th October 2023 Page **27** of **76**



- Research for Optimal Selection of material/resources for RE Projects
- Enable interface for Project costing, Preparation of PMC, EPC contract documents, Evaluation of offers after understanding the working of basic project financials, IRR sensitivity.
- Accustoming with various State and Central regulations/guidelines updating the same in BPCL data base and relating the project conceptualisation and enabling operations to adhere the same.
- Liasoning with all concerned regulatory authorities regarding various approval requirements and ensuring adequate development to enable approvals.
- Use benchmarks and enable Renewable team for Execution of RE Projects at field for adhering to project schedule and costs.
- Leverage benchmarks for enabling Operations and Maintenance of RE
 assets, liasoning with RE Customers and conduct research to help
 improve revenue from RE business and optimising operational
 efficiencies.
- Benchmarking and ensuring adherence to safety standards for RE Assets, identifying potential issues and enabling follow up steps.
- Improving Quality management of RE Assets
- Understanding of Hazard and risk analysis of RE Projects and steps to adhere to design standards / guidelines to minimise Environmental/Social risks relevant to RE projects.
- Take part in monitoring of RE assets, periodic reports, and follow ups
 / ATR monitoring and research for minimising operating losses of RE Assets
- Enabling Renewable team for taking charge of emergency situations and providing instructions/guidelines to field staff to overcome emergency situations, trouble shooting, imparting training, etc.
- Enable Renewable team in Preparation, Tendering, Evaluation of Offers and Handling O&M Contract efficiently, managing preventive & breakdown maintenance of various RE Assets, maximum utilization of available resources, reducing down time, maintaining safety & quality standards in work.
- Enable RE Team in routine maintenance, Turnaround Maintenance/shutdown activities, plant preservation activities, monitoring of RE Assets parameters, feedback on operations to O&M contractors, training and equipping new hires on RE plant SOPS, emergency procedures, etc.

17th October 2023 Page **28** of **76**



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	 Key role to help Develop and implement O&M strategies to maximize the efficiency and longevity of renewable energy assets. Key role in ensuring implementation of monitoring systems to track energy generation and equipment performance.
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	Minimum 7 years of overall experience in Renewable Energy of which at least 3 years is in either Solar / Wind or both.
DESIRED SKILLS	 Experience in designing / execution / commissioning of RE Projects/O&M of Solar/Wind plants. Basic knowledge about State and Central regulations, various approval procedures for RE Projects, good liasoning skills. Proficiency in project management software and data analysis tools. Proficiency in strategy management and planning.
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 38 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives. Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

RESEARCH & DEVELOPMENT (RENEWABLE - GREEN HYDROGEN PROJECTS, OPERATIONS & MAINTENANCE)

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E/B.Tech – Chemical/Mechanical) (Four Year Course) with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories.
KEY CHALLENGES AND EXPECTATIONS	As a professional employed in BPCL, you will work on exciting assignments for interface between R&D and Renewable Energy Team. You will be responsible for: • Acquire deep understanding of O&M needs of Green Hydrogen Projects and enable R&D for improvements in these areas. • Enable Renewable Energy Team in Pre-Feasibility and Detailed Project Study for Green Hydrogen Projects.

17th October 2023 Page **29** of **76**



ar			out dreaming and	

- Research for Optimal Selection of material/resources for Green Hydrogen Projects
 Enable Renewable team in estimation of Project costing, preparation of PMC, EPC contract documents, Evaluation of offers after understanding the working of basic project financials, IRR sensitivity.
 Accustoming with various State and Central regulations/guidelines updating the same in BPCL data base and relating the project conceptualisation, and ensuring development to help adherence to the same.
 Liasoning with all concerned regulatory authorities
 - Help Renewable team in Execution of Projects at field, adhering to project schedule and costs and ensuring adherence to latest benchmarks.
 - Help standardise safety protocols, identifying potential issues and enable Renewable Team for adhering and taking appropriate steps.
 - Developing protocols for Quality management.
 - Understanding of Hazard and risk analysis of Hydrogen Projects and enable adhering to design standards / guidelines to minimise Environmental/Social risks relevant to Hydrogen projects.
 - Enable Field teams in taking charge of emergency situations and providing guidance to field staff to overcome emergency situations, trouble shooting, imparting training, etc.
 - Enable Renewable Team with study of latest trends and enable preparation, of tenders, evaluation of Offers and other steps to ensure efficient handling of projects and maximum utilization of available resources while maintaining safety & quality standards in work.
 - R&D to understand production processes for maximizing efficiency and output.
 - Develop maintenance strategies to minimize downtime and equipment failures and enable implementation of the same.

ESSENTIAL WORK-EXPERIENCE (AS ON 01.10.2023)

Overall, **7 years** of experience out of which **minimum 3 years'** experience in Hydrogen production facilities/Projects.

DESIRED SKILLS

- Candidate should have done designing / execution / commissioning / operation of Hydrogen production facilities.
- Candidate should have basic knowledge about State and Central regulations, Various approval procedures involved in commissioning of above facilities, good liasoning skills.

17th October 2023 Page **30** of **76**





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	Excellent problem-solving and troubleshooting skills.
	 Proficiency in strategy management and planning.
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 38 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives. Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

RESEARCH & DEVELOPMENT (RENEWABLE ENERGY STORAGE SOLUTIONS)

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E/B.Tech – Electrical/Mechanical) (Four Year Course) with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories.
KEY CHALLENGES AND EXPECTATIONS	 As a professional employed in BPCL, you will work on exciting assignments for interface between R&D and Renewable Energy Team. You will be responsible for: Acquire deep understanding of RE Projects involving Energy Storage systems and and enable R&D for improvements in these areas. Enable Renewable Energy Team in Pre-Feasibility and Detailed Project Study for Energy storage systems. Research for Optimal Selection of material/resources for Energy storage systems. Enable Renewable Team in estimation of Project costing, preparation of PMC, EPC contract documents, Evaluation of offers after study of latest trends and understanding the working of basic project financials, IRR sensitivity. Accustoming with various State and Central regulations/guidelines updating the same in BPCL data base and relating the project conceptualisation, standards for operation to adhere the same. Liasoning with all concerned regulatory authorities. Leverage latest trends and benchmarks and enable Renewable team for improving Execution of Projects, Project schedule and costs, Operations and Maintenance of assets.

17th October 2023 Page **31** of **76**



and becaus	e we design we deliverAt BPCL, it's all about dreaming and delivering	energising lives
	 Liasion with Customers, to acquire deeper understanding of and leverage these insights for further R&D and help Renew in increasing revenue from business and Optimising efficiencies Deep work on grid integration strategies to ensure seamless between renewable energy sources and energy storage system grid balancing and support during intermittent energy product Develop safety standards and enable Renewable team to adher standards, identifying potential issues and taking appropriate measures. Protocols for Quality management to be developed. Understanding of Hazard and risk analysis and adhering standards / guidelines to minimise Environmental/Social risks energy storage RE projects. Enable Renewable Energy team to develop benchmarks for I of energy storage assets, minimizing losses, standardisation or reports, and monitoring of ATR on deviations. Enable field teams to take charge of emergency situations and guidelines to field staff to overcome emergency situation shooting, imparting training, etc. Enable Renewable Team with study of latest trends a preparation, of tenders, evaluation of Offer, efficient handlin contracts, latest trends in managing preventive & I maintenance, and for safety & quality standards in work. Other responsibilities include enabling Renewable team fi maintenance, and for safety & quality standards in work. Other responsibilities include enabling Renewable team fi maintenance, Turnaround Maintenance/shutdown activities preservation activities, monitoring of Assets parameters, fe operations to O&M contractors, training and equipping new plant SOPs, emergency procedures, etc. Provide technical support for energy storage systems, diagnos resolve issues. 	able Team operational interaction s, enabling ion. re to safety mitigation to design relevant to Monitoring of periodic providing ins, trouble and enable g of O&M breakdown for routine ies, plant edback on w hires on
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	Overall, 7 years of experience of which minimum 3 years of experience of 	perience in
DESIRED SKILLS	 Experience in consultancy services/designing / excommissioning/ operation of RE Projects involving energy solutions. 	ecution / gy storage

17th October 2023 Page **32** of **76**



and because	se we design we deliverAt BPCL, it's all about dreaming and delivering	energising lives
	 Basic knowledge about State and Central regulations, vario procedures for RE Projects, good liasoning skills. Excellent problem-solving and communication skills Proficiency in strategy management and planning. 	us approval
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 38 years. Age relaxations will be applicable to the candidates belonging categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Directives. Cumulative relaxation in age for one/more than one category taken to be limited to a maximum of 10 years.	Presidential

17th October 2023 Page **33** of **76**





LEGAL

The Bharat Petroleum legal team is responsible for Legal & Compliance functions and plays a crucial role in driving the legal vision of the company, often in advisory capacity to all the businesses and support functions. As a pillar steering the legal function across the Corporation, opportunities are ripe in this field for ambitious professionals looking for challenging roles, handling complex situations relating to strategy and anchoring end-to-end services in cases.

We invite applications for the following profiles:

LEGAL – TEAM LEAD

ESSENTIAL EDUCATIONAL QUALIFICATION	Post Graduate degree in Law (LLM) from university recognized by the Bar Council of India for the purpose of enrolment as an Advocate, with a minimum of 60% marks or equivalent in the aggregate of all semesters/years, relaxed to 50% for candidates belonging to the SC/ST/PwBD categories.
KEY CHALLENGES AND EXPECTATIONS	 As a Legal professional, you will be responsible for: Interpreting, handling and adding value to all legal matters related to the Corporation. You will also be responsible for building up strategy,drafting pleadings, affidavits, documents, appearing in legal proceedings and giving advice to various departments. As a qualified and experienced legal professional, you will provide legal advice and counselling on all official matters. Ensuring compliance and correctness of all documents/contracts, Timely submission of all necessary legal paperwork. Analysis of the actions and decisions of the company in order to identify problem areas, suggest alternative courses of action and mitigate risk as much as possible. Disseminating knowledge and briefing team of staff members on legal issues, potential liabilities, and possible courses of action. This involves translating complicated legal drafting into language which everyone can understand and taking all possible legal problems into consideration before making recommendations. Promoting legal, compliance and risk management best practices throughout the organisation; Being an effective bridge between the business and sales teams and the board of directors; sound understanding and knowledge of commercial and corporate laws; excellent communication skills (both oral and written) etc.

17th October 2023 Page **34** of **76**



ESSENTIAL	Minimum 25 years of Post qualification relevant work experience as an
WORK-	advocate in a District Court / High Court / Supreme Court
EXPERIENCE (AS	or as a legal officer in the legal department of a statutory corporation/
ON 01.10.2023)	central government / state government / private company of repute of which
	2 years should be as Head Legal
	or currently working as a Partner in a reputed consultancy providing legal
	advice or combination of the above-mentioned profiles.
	Applicant should possess:
	 Experience of managing a team of Law Officers.
	Arbitration, Compliance, Contracts, Dispute Resolution,
	Employment Laws, Mergers and Acquisitions.
	Knowledge of all applicable laws, rules, and regulations.
DESIRED SKILLS	Strong negotiation skills.
	 A deep understanding of the business and the industry.
	 Proficiency in strategy management and planning.
	Upper Age Limit for General and EWS candidates- 54 years.
	Opper Age Limit for General and LWB candidates- 34 years.
	Age relaxations will be applicable to the candidates belonging to different
	categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the
LIDDED ACE LIMIT	Presidential Directives.
UPPER AGE LIMIT (AS ON 01.10.2023)	Cumulative relaxation in age for one/more than one category taken together
	shall be limited to a maximum of 10 years.
	However, the maximum age of the candidate should not exceed 58 years,
	as on 01.10.2023, after all applicable relaxations are accounted for.

LEGAL – TEAM MEMBER

ESSENTIAL EDUCATIONAL QUALIFICATIONS	Bachelor's/ Post Graduate degree in Law (LLM/LLB) from university recognized by the Bar Council of India for the purpose of enrolment as an Advocate, with a minimum 60% marks or equivalent in the aggregate of all semesters/years, relaxed to 50% for candidates belonging to the SC/ST/PwBD categories.
KEY	As a Legal professional, you will be responsible for interpreting, handling and adding value to all legal matters related to the Corporation. You will also be responsible for building up strategy, drafting pleadings, affidavits, documents, appearing in legal proceedings and giving advice to various
CHALLENGES AND EXPECTATIONS	departments. Applicant should have the ability to work with limited supervision in a computerized environment. As a qualified and experienced legal professional, you will provide legal

17th October 2023 Page **35** of **76**



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	advice and counselling on all official matters.
	You are also responsible for:
	 Ensuring compliance and correctness of all documents/contracts,
	Timely submission of all necessary legal paperwork.
	 Analysis of the actions and decisions of the company in order to
	identify problem areas, suggest alternative courses of action and
	mitigate risk as much as possible.
	 Disseminating knowledge and briefing team of staff members on
	legal issues, potential liabilities, and possible courses of action.
	This involves translating complicated legal drafting into language
	which everyone can understand, as well as taking all possible legal
	problems into consideration before making any recommendations.
	Minimum 7 years of experience as an Advocate in a District Court/High Court/Supreme Court or as a Law Officer in a Legal Department of a
	statutory corporation or in a Legal Department of Central/State
ESSENTIAL	Government or in a Large Private Company of repute or as an Associate
WORK-	Partner etc., in a reputed Consultancy providing legal advice or
EXPERIENCE (AS	combination of the above-mentioned profiles. Candidates must be
ON 01.10.2023)	conversant inter alia with Transfer of Property Act, Local Tenancy Acts,
	Contract Act, Constitution of India, Civil Procedure Code, Arbitration Act,
	Corporate Laws, Criminal Procedure Code, Litigation matters before
	different Courts, Civil, Consumer and Criminal matters, N.I. Act,
	Commercial Court, IBC and other related acts.
	Applicant should possess:
	Excellent written and verbal communication.
	 Knowledge of all applicable laws, rules and regulations.
	High attention to detail.
DESIRED SKILLS	Strong negotiation skills.
	Ability to prepare complex legal documents.
	Upper Age Limit for General and EWS candidates- 35 years.
UPPER AGE	Age relaxations will be applicable to the candidates belonging to different
LIMIT	categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the
(AS ON 01.10.2023)	Presidential Directives.
	Cumulative relaxation in age for one/more than one category taken
	together shall be limited to a maximum of 10 years.

17th October 2023 Page **36** of **76**



BRAND & PR

As a Fortune 500 Maharatna company with operations across the entire energy value chain, and pan India network, Brand and PR is a key management function of the company which gets our brand in front, manage our reputation, and help accomplish important goals such as establishing trust among various stakeholders, increasing news media and social media presence, and maintaining a consistent voice across communication channels. It works closely with the leadership of the company to embed the corporate strategy in our communication.

We invite applications for the following profiles:

BRAND & PUBLIC RELATION

ESSENTIAL	Masters/PG Diploma in Mass Communication/Advertising / Brand	
EDUCATIONAL	Management. Course duration of 2 years with the minimum 60% aggregate	
QUALIFICATION	percentage (or equivalent CGPA and above), relaxed to 50% for	
	SC/ST/PwBD categories.	
KEY CHALLENGES & EXPECTATIONS	 Develop brand and marketing strategies and communicate recommendations to executives. Experience in identifying target audiences and devising effective campaigns. Dealing with Agencies and get the work delivered. Develop social media campaigns and define their KPIs. Utilize social media marketing tools like Hootsuite and Sprout Social. Monitor Search engine optimization and traffic. Analyze campaign data and web traffic metrics. Strengthen relationships with social media influencers. Optimize content coming from content developers. Communicate with stakeholders and senior management. 	
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	Minimum 7 years of post-qualification relevant work- experience of which 5 years as Brand Manager / PR Manager	
DESIRED SKILLS	 Strategic thinker able to identify long-term opportunities and trends. Creative thinker and problem solver. Strong communication skills. Strong analytical skills partnered with a creative mind. Excellent understanding of the full marketing mix. 	

17th October 2023 Page **37** of **76**



UPPER AGE LIMIT
(AS ON 01.10.2023)

Upper Age Limit for General and EWS candidates- 34 years.

Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.

Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

MEDICAL OFFICER

Bharat Petroleum Corporation Limited (BPCL) is renowned for its unwavering commitment to the well-being and health of the nation, and our medical professionals are the cornerstone of this dedication. As a healthcare provider within the BPCL family, you have the unique opportunity to make a profound impact on the lives of our employees and the communities we serve. We intend to engage Doctors- Field Duty Medical officers at our Bina refinery, Bina, Madhya Pradesh.

We invite applications for the following profiles:

GENERAL PHYSICIAN

ESSENTIAL EDUCATIONAL QUALIFICATION	The candidate must have qualification of MBBS and MD (Gen. Medicine) from a duly recognized institute by Medical Council of India (MCI) and UGC. The candidate must have a valid registration by MCI. The qualification of Industrial Health (AFIH) would be preferential qualification.
KEY CHALLENGES & EXPECTATIONS	 Candidates should have rich experience in diagnosis and treatment of various medical conditions. Common diseases like viral diseases, fever, cough/cold, etc. Acute illnesses, such as infections, respiratory illnesses, gastrointestinal disorders, and musculoskeletal injuries. Performing physical examinations, review medical histories, order, and interpret diagnostic tests, and develop treatment plans, manage symptoms, and monitor patients' progress until recovery. Chronic Disease Management such as diabetes, hypertension, heart disease, respiratory disorders, and autoimmune diseases through monitoring patients' conditions, adjusting medications, and provide ongoing care to help patients maintain their health and manage their diseases effectively. Preventive Care and Health Promotion through vaccinations, screenings, and counseling on lifestyle modifications, such as

17th October 2023 Page **38** of **76**





	nutrition, exercise, and smoking cessation, to prevent disease and
	promote overall well-being.
	Handling medical emergencies of various nature.
	Coordination with various specialists and healthcare professionals for
	treatment of patients with multiple medical conditions or complex
	health needs.
ESSENTIAL	Minimum 5 years of post-qualification (MD) experience in any Multi
WORK-	Specialty Hospital, Govt./Private Hospital, any other recognized institution
EXPERIENCE (AS	with full time engagement as doctor.
ON 01.10.2023)	
	Private practice shall not be considered as experience.
DESIRED SKILLS	 Proficiency in Physical examinations and assessment of overall health Accurate interpretation of Diagnostic tests. Expertise in diagnosis of medical conditions/ abnormalities. Proficiency in performing common medical procedures, such as suturing, IV insertion, ICU management, etc. Assessment Skill of efficiency of Hospitals and Process of acquiring International Healthcare quality Standards
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 38 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives. Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

GENERAL SURGEON

ESSENTIAL	The candidate must have qualification of MBBS and MS (Gen. Surgeon) from
EDUCATIONAL	a duly recognized institute by Medical Council of India (MCI) and UGC.
QUALIFICATION	The candidate must have a valid registration by MCI. The qualification of
	Industrial Health (AFIH) would be desirable qualification.
	Candidates should have rich experience in the following areas:
	Evaluating patients' medical histories, physical conditions, and test
ZEV	results to determine the appropriate surgical procedures. Informing
CHALLENGES & EXPECTATIONS	patients of the risks and benefits of surgery and providing advice
	and support throughout the process. Developing and implementing
LAI Le MITONS	surgical plans, including preparing the surgical site and monitoring
	patients' vital signs.
	Performing routine and emergency surgeries.

17th October 2023 Page **39** of **76**





	 Monitoring patients' recovery after surgery and providing follow-
	up care.
	Collaborating with other healthcare professionals, such as
	anesthesiologists and nurses, to ensure the best possible outcomes
	for patients.
	Coordination with various specialists and healthcare professionals
	for treatment of patients with multiple medical conditions or
	complex health needs.
	Preventive Care and Health Promotion through vaccinations,
	screenings, and counseling on lifestyle modifications, such as
	nutrition, exercise, and smoking cessation, to prevent disease and
	promote overall well-being.
	Minimum 5 years of post-qualification (MS) experience in any Multi
ESSENTIAL	Specialty Hospital, Govt./Private Hospital, any other recognized institution
WORK-	with full time engagement as doctor.
EXPERIENCE (AS	
ON 01.10.2023)	Private practice shall not be considered as experience.
	Accurate interpretation of Diagnostic tests.
	Proficiency in various surgical techniques, including suturing, tissue
	 Proficiency in various surgical techniques, including suturing, tissue manipulation, and minimally invasive procedures such as laparoscopy.
DECIDED CIVIL I C	
DESIRED SKILLS	manipulation, and minimally invasive procedures such as laparoscopy.
DESIRED SKILLS	 manipulation, and minimally invasive procedures such as laparoscopy. Proficiency in pre-operative assessments to determine a patient's suitability for surgery.
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DIGITAL/INFORMATION SYSTEMS

With Innovation at the core, BPCL's pioneering spirit-adopting and best technologies are leveraged for internal as well as external stakeholders. We strive towards creating digital platforms so that it is unchallenging to do business across all our units. Leveraging these Digital platforms to cross-sell, up-sell our goods and services to customers capturing maximum value per customer. Our customers expect to be treated in a personalized and special way. Through the power of data and artificial intelligence, every touch point will be transformed. This vision also enables resilient workforce,

17th October 2023 Page **40** of **76**





harnessing core apps, enabling efficient supply chain and rethinking workflows using AI & Automation.

We invite applications for the following profiles:

DIGITAL & EMERGING PAYMENT EXPERT

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's degree (B.E/B.Tech) in Computer Science/ Information Technology (Four Year Course), with a minimum of 70% marks or equivalent in the aggregate of all semesters/years relaxed to 60% for candidates belonging to the SC/ST/PwBD categories.
KEY CHALLENGES AND EXPECTATIONS	As a Payment Gateway Expert, you will play a pivotal role in ensuring the seamless integration and optimal functioning of payment gateways within our digital Eco-System. You will work closely with our cross-functional teams to deliver secure and efficient payment processing solutions in line with industry standards and our customers' needs. Key Responsibilities:
	• Payment Gateway Integration: Lead design, develop and maintain the end-to-end integration of payment gateways and others, ensuring compatibility and smooth payment flows for both B2B (high value) and B2C integration.
	• Technical Expertise: Leverage your deep understanding of payment processing technologies, APIs, encryption methods, and tokenization to implement robust and secure payment solutions with a proven data validation and security.
	• Troubleshooting and Optimization: Investigate and resolve complete payment issues, identify bottlenecks, and implement performance optimizations to enhance the payment experience through thorough testing and debugging.
	• Security Compliance: Ensure strict adherence to industry standards and regulations, including RBI guidelines, PCI DSS, and other relevant norm governing payment data security.
	• Vendor Collaboration: Collaborate with payment gateway providers and third-party vendors to maintain relationships, stay updated on platform updates, and troubleshoot technical issues.
	• Reporting and Monitoring: Establish a robust reporting and monitoring mechanism to ensures the seamless reconciliation of payment transaction across payment partners. The system must also provide practical alerts to avoid possible frauds, settlement delays, etc., and a supporting transaction trail/trace to address disputed transactions.
	 Payment Analytics: Analyse payment trends, transaction data, and customer behaviour to provide insights that drive informed busines decisions.

17th October 2023 Page **41** of **76**



	energising aves
	 Document technical specifications, processes, and procedures related to payment integration projects. Keep up to date with industry trends, emerging payment technologies and provide domain inputs regarding online as well as offline payment processing. Evaluate the feasibility and potential benefits of adopting new payment methods and technologies. Proven experience in integrating third party payment gateways, APIs and SDKs into various digital platforms, such as e-commerce websites, mobile apps, or point-of-sale (POS) systems. A good understanding of cybersecurity principles, especially in the context of payment processing, to ensure the security of financial transactions. User Training and Support: Train internal teams and customer support staff on digital payment processes and resolve payment-related inquiries.
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	Minimum of 10 years of hands-on experience in payment gateway integration. Proven track record in troubleshooting complex payment issues and optimizing payment flows. Proficiency in programming languages such as Java, Python, PHP, or Ruby. Strong understanding of API integration, RESTful APIs, and webhooks.
DESIRED SKILLS	 Applicant should possess: High attention to detail Excellent problem-solving abilities and meticulous attention to detail. Effective verbal and written communication skills. Excellent analytical skills. Strong collaborative mindset and the ability to work effectively in a team. Familiarity with secure coding practices and compliance standards like PCI DSS (Payment Card Industry Data Security Standard). In-depth knowledge of various payment gateways commonly used in India, such as CCAvenue, BillDesk, Paytm, Razorpay, Instamojo, PayPal, and others.
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 38 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.
	Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

17th October 2023 Page **42** of **76**



<u>INFORMATION SYSTEMS – GOVERNANCE RISK COMPLIANCE</u>

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E/B.Tech) in Computer Science/ Information Technology (Four Year Course) with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories.
KEY CHALLENGES & EXPECTATIONS	 As a professional employed in BPCL, you will work on exciting assignments as part of the Information Security Governance, Risk & Compliance team handling: Cyber Security Governance, Policies and Procedures. Information Security Assessment/ Audit/ Risk assessment activities including system Vulnerability Assessment, Penetration Testing, Web Application Security Testing, Mobile App Security Testing etc. Security incident analysis and forensics. Cyber security awareness drive to enhance awareness amongst internal stakeholders, third parties/contractors. Various forms of cyber security awareness campaigns. Designing/ Architecting of Security controls for business applications (on-premises/ cloud-based/ mobile app based etc.). Proactive threat & vulnerability detection, risk analysis and mitigation. Other responsibilities include co-ordination with internal and external stakeholders (Employees, Vendor, OEMs, Auditors, Statutory Agencies, other governing bodies.), audit requirements etc.
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	Minimum 10 years' experience in IT, majority of it handling Information Security Governance, Risk and Compliance, operations & design of solutions such as firewall/ Unified Threat Management, Virtual Private Network, Identity and Access Management, Web Security, Email Security, Endpoint Security, Cloud Security, Vulnerability management, Application Security, Security in Operations Technology.
DESIRED SKILLS	 Experience and in-depth understanding in conducting and managing information security audit/ assessment activities including system vulnerability assessment, penetration testing, web application & API security, dynamic and static application security testing, mobile apps security etc. Basic understanding of cyber security standards/ frameworks such as ISO 27001, NIST Risk management framework etc. At least one vendor-agnostic certificate in the field of cyber security such as CEH, CISSP etc. Knowledge of data privacy regulations such as GDPR and CCPA The role profile of employees in these positions requires them to demonstrate technical as well as managerial proficiency and

17th October 2023 Page **43** of **76**





	expertise in handling Information Security Governance, Risk and Compliance.
	As the role involves critical security operations of the Corporation,
	the candidate should have good knowledge of security operations,
	Standard security practices, and the latest security threats.
	 This role demands person should keep him/ her updated with the latest security technologies.
	This role also involves in identifying improvement initiatives
	proactively, take charge of proactive analysis and actions, whilst
	also being flexible to perform other roles vertically in case situation demands.
	Ability to work collaboratively across cross-functional teams.
	Excellent interpersonal and communication skills
	Upper Age Limit for General and EWS candidates- 34 years.
UPPER AGE	
LIMIT	Age relaxations will be applicable to the candidates belonging to different
(AS ON 01.10.2023)	categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the
	Presidential Directives.
	Cumulative relaxation in age for one/more than one category taken
	together shall be limited to a maximum of 10 years.

<u>INFORMATION SYSTEMS – SECURITY</u>

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E/ B.Tech) in Computer Science/ Information Technology (Four Year Course) with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories.
KEY CHALLENGES AND EXPECTATIONS	 As a professional employed in BPCL, you will work on exciting assignments as part of the Cyber Security team handling: Security Infrastructure and operations. Implementation of Security controls for business applications (on-prem/cloud-based/mobile app based). Evaluation of new security technology solutions and their implementation. Threat hunting, detection, and mitigation. Conduct regular security assessments and vulnerability scans to identify potential weaknesses. Implementation of Security controls for IT –OT integration. Monitoring of security devices/ solutions for service availability. Deeper analysis of cyber security incidents and response. Security of cloud infrastructure.

17th October 2023 Page **44** of **76**





ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	 Other responsibilities include routine maintenance and administration of security infrastructure, support to users/ administrators for access requirements, handling security incidents, audit requirements etc. Minimum 10 years' experience in IT, majority of it in handling security operations & design of solutions such as firewall/Unified Threat Management, Proxy Server, Virtual Private Network, Identity and Access Management, Email Security, Endpoint Security, Cloud Security.
DESIRED SKILLS	 At least one product-specific certificate in any of the security technologies such as firewall, Proxy, Endpoint Security, Cloud Security. The role profile of employees in these positions requires them to demonstrate technical proficiency and expertise in handling information security operations, incident response, threat detection & analysis. Experience implementing multi-factor authentication, single signon, identity management or related technologies for on-prem, cloud and hybrid solutions. As the role involves critical security operations of the Corporation, the candidate should have good knowledge of security operation, Standard security practices, and latest security threats. This role demands person should keep him/ her updated with the latest security technologies. This role also involves in identifying improvement initiatives proactively, take charge of preventive repair & maintenance, whilst also being flexible to perform other roles vertically in case situation demands. Ability to work independently and as part of a team. Strong interpersonal and communication skills.
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 34 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.
	Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

<u>INFORMATION SYSTEMS – SECURITY OPERATIONAL TECHNOLOGY</u>

ESSENTIAL	Bachelor's Degree (B.E/ B.Tech) in Computer Science/ Information
EDUCATIONAL	Technology (Four Year Course) with minimum 70% aggregate
QUALIFICATION	percentage (or equivalent CGPA & above), relaxed to 60% for

17th October 2023 Page **45** of **76**



	SC/ST/PwBD categories.
KEY CHALLENGES AND EXPECTATIONS	As a professional employed in BPCL, you will work on exciting assignments as part of the Cyber Security team managing: Designing, Architecting and implementation of Security controls for IT-OT integration. Designing, Architecting and implementation of Security controls for new business applications (on-prem/ cloud-based/ mobile app based). Manging Security posture & compliance for OT and Cloud based systems. Security assessment of infrastructure at BPCL remote locations. Co-ordination with respective role holders for security incidents. Forensic analysis of cyber security incidents and response. Information Security Assessments/ Audit activities. Other responsibilities include routine maintenance and administration of security infrastructure, IT-OT integration systems, support to users/ administrators for access requirements, handling security incidents etc. Conduct training and awareness programs for IT-OT staff and stakeholders to promote cybersecurity awareness and best practices.
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	Minimum 14 years' experience in IT, majority of it handling security operations & design of solutions such as firewall/ Unified Threat Management, Proxy Server, Virtual Private Network, Identity and Access Management, Email Security, Endpoint Security, Cloud Security, Web Application Firewall, Security solutions of Operational Technology.
DESIRED SKILLS	 At least one product-specific certificate in any of the security technology such as firewall, Proxy, Endpoint Security, Cloud Security etc. Knowledge / Experience in handling security of Operational Technology (OT) systems, Cloud security. At least one vendor-agnostic certificate in the field of cyber security such as CISM, CISSP etc. Demonstrate technical proficiency and expertise in handling information security operations, incident response, threat detection & analysis. Good knowledge of security operation, Standard security practices, and latest security threats. Updated with the latest security technologies.

17th October 2023 Page **46** of **76**





	 Identify improvement initiatives proactively, take charge of preventive repair & maintenance, whilst also being flexible to perform other roles vertically in case situation demands. Proficiency in strategy management and planning. Familiarity with industry specific regulations Problem solving and analytical skills
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 42 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives. Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

<u>INFORMATION SYSTEMS – SECURITY OPERATIONS CENTRE</u>

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E./ B.Tech) in Computer Science/ Information Technology (Four Year Course) with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories.
KEY CHALLENGES AND EXPECTATIONS	As a professional employed in BPCL, you will work on exciting assignments as part of the Cyber Security team managing: • Security operation centre (SOC) services. • Security incident life cycle management. • Automation of security incident response. • Planning and setting up IT/ OT SOC services. • Identifying and implementation of new use cases based on threat scenarios. • Co-ordination with respective role holders for security incidents. • Managing threat hunting, detection, and mitigation. • Brand monitoring and coordination for take down of fake websites/ apps. • Dark web monitoring, Digital footprint infrastructure monitoring. • Forensic analysis of cyber security incidents and response. • Contribute to security awareness training and education efforts for employees. • Other responsibilities include routine coordination with BPCL internal and external support teams etc.
ESSENTIAL	Minimum 14 years' experience in IT, majority of it handling security
WORK-	operations & design of solutions such as firewall/ Unified Threat
EXPERIENCE (AS	Management, Proxy Server, Virtual Private Network, Identity and Access

17th October 2023 Page **47** of **76**



ON 01.10.2023)	Management, Email Security, Endpoint Security, Cloud Security, Web
01(01:10:2025)	Application Firewall, Security in Operations Technology etc.
	Experience in handling security threat monitoring and mitigation
	OR experience in managing SOC (Security Operations Centre)
	operations.
	Should have at least one product-specific certificate in any of the Should have at least one product-specific certificate in any of the
	security technologies such as firewall, Proxy, Endpoint Security,
	Cloud Security etc.
	Should also have one vendor-agnostic certificate in the field of CHECK CHECK.
	cyber security such as CISM, CISSP etc.
	The role profile of employees in these positions requires them to
	demonstrate technical proficiency and expertise in managing
	information security operations, incident response, threat
	detection & analysis.
	As the role involves critical security operations of the
	Corporation, the candidate should have good knowledge of
	security operations, Standard security practices, and latest
	security threats.
DESIRED SKILLS	This role demands person should keep him/ her updated with the
	latest security technologies.
	This role also involves in identifying improvement initiatives
	proactively, take charge of preventive repair & maintenance,
	whilst also being flexible to perform other roles vertically in case
	situation demands.
	Proficiency in strategy management and planning.
	Excellent communication and teamwork skills.
	Ability to work in a fast-paced, 24/7 operational environment.
LIDDED AGE LINE	Upper Age Limit for General and EWS candidates- 42 years.
UPPER AGE LIMIT	
(AS ON 01.10.2023)	Age relaxations will be applicable to the candidates belonging to different
	categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the
	Presidential Directives.
	Cumulative relaxation in age for one/more than one category taken
	together shall be limited to a maximum of 10 years.

INFORMATION SYSTEMS – NETWORKS

	Bachelor's l	Degr	ee (B.E./ B.7	Tech) in (Com	puter Sci	ence/ Elec	tronics	and
ESSENTIAL	Communica	tions	s (Four Year	Course)	with	n minimu	m of 70%	aggre	gate
EDUCATIONAL	percentage	(or	equivalent	CGPA	&	above),	relaxed	60%	for
QUALIFICATION	SC/ST/PwB	D ca	itegories.			,,			

17th October 2023 Page **48** of **76**



KEY CHALLENGES AND EXPECTATIONS	As a professional employed in BPCL, you will work on exciting assignments as part of the Corporate Network team: • Network Infrastructure and operations. • Design and Implementation of LAN/WAN/WLAN based on MPLS/Internet Leased Line • Evaluation of new network solutions and their implementation. • Integration of IT –OT network. • Monitoring of network devices/ solutions for service availability. • Troubleshooting and root cause analysis of network issues • Provide technical support to end-users and resolve network-related issues promptly. • Other responsibilities include routine maintenance and administration of network infrastructure, support to users/administrators for access requirements, audit requirements etc.
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	Minimum 10 years of experience in IT, of which minimum 5 years of experience in handling IT network design and operation solutions such as switches, routers, SDWAN, Data Center core network, DC fabric, WAN Optimization, Virtual Private Network, WLAN, Wired LAN and WAN, etc. Should be CCNA/CCNP/CCIE certified.
DESIRED SKILLS	 Demonstrated technical proficiency and expertise in handling large size enterprise network design and operations. Good knowledge of communication technologies/solutions and must have handled devices and solution from top OEMs ex. Cisco, Aruba, Juniper etc. Able to identify improvement initiatives proactively, take charge of preventive repair & maintenance, whilst also being flexible to perform other roles vertically in case situation demands. Experience working in large scale data center/cloud environment with an understanding of passive components (UTP Cabling, Optical cabling). Knowledge of TCP/IP and QOS in the LAN, WAN and WLAN Knowledge of LAN (Layer 2), WAN (Layer 3) networking protocols, VPNs and VPN protocols, and technologies including switching, routing, and network security. Working Experience of Design, implement and maintain, large spine-leaf data center network architecture using VxLAN. Experience of managing MPLS based hub and spoke enterprise network. Working knowledge of design and configuration of SDWAN technologies with MPLS, Internet Lease Line (ILL), Broadband, SIM based connection and secure branch out.

17th October 2023 Page **49** of **76**





	Troubleshooting of OSPF, BGP routing and Layer-2/Layer-3
	switching.
	IP Packet decoding and analysis using TCPDUMP and
	WIRESHARK.
	Designed Wired and Wireless solution and Data Center
	Infrastructure.
	Working experience of Data Center Fabric, ACI etc.
	Working experience of WAN optimization solutions.
	Experience on Load balancers, IPSEC etc.
	Experience working on protocols like EIGRP, OSPF, BGP,
	HSRP/VRRP, VTP, RIP, SIP etc.
	Experience of working on establishing cloud deployments.
	Managerial Skills:
	Must have experience of manging team of IT professionals of size 10
	or more.
	• Experience of collaborating within team and with other
	teams/departments
	Experience of Networking with stakeholders and partners.
	Upper Age Limit for General and EWS candidates- 42 years.
UPPER AGE LIMIT	Age relaxations will be applicable to the candidates belonging to different
(AS ON 01.10.2023)	categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the
	Presidential Directives.
	Cumulative relaxation in age for one/more than one category taken
	together shall be limited to a maximum of 10 years.

INFORMATION SYSTEMS – MS APP DEVELOPMENT

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E / B.Tech) in Computer Science / Information Technology with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories.
KEY CHALLENGES AND EXPECTATIONS	As a professional employed in BPCL, you will work on exciting assignments as part of the Information Systems Entity. You will be responsible for: • Independently handling development, enhancement & maintenance of project on various Microsoft technology & other open-source technology like: a. NET Core MVC

17th October 2023 Page **50** of **76**



	250
It is because we dream we discover, because we discover we design	
and because we design we deliverAt BPCL, it's all about dreaming and delivering	

	energising lives
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	b. Microsoft Web Form c. NET MVC d. Web APIs e. jQuery f. Angular • Coordinating with Business users/Functional Consultants for various business requirements. • Design and architect solution in Microsoft environment and ensure deliver of projects as per agreed milestones. • Design and Development integration scenarios (B2B & B2C) across large enterprise systems using Web APIs/REST APIs. • Prepare detailed technical document and manage large project independently. Overall Experience – Minimum 4 Years in Microsoft Application Development along with extensive experience in Microsoft application development programming covering .NET web application with C#, java script, HTML, CSS, LINQ, Web APIs. 1. Experience in working with MS SQL server in designing database, optimised SQL queries and stored procedures. 2. Experience in maintaining & supporting complex .NET application. 3. In-depth knowledge web security to design and develop secured application applying latest available web security standard like OWASP. 4. Experience of designing and developing complex interactive reports using Microsoft Technology. 5. Familiarity with mobile app development (iOS/Android) is a plus.
DESIRED SKILLS	 Possess excellent Microsoft C# programming skills in the technologies areas in various Microsoft web development framework. Effectively debug programs, identify bug fixes / performance bottlenecks and improvements. Good networking skills with other technology teams within BPCL and with other technology groups outside the organization. Exposure to Angular, Node.js to design intuitive, responsive, secured web application. Be able to explore and learn new technologies / frameworks independently. Upper Age Limit for General and EWS candidates- 28 years.
UPPER AGE LIMIT (AS ON	Age relaxations will be applicable to the candidates belonging to

17th October 2023 Page **51** of **76**



01.10.2023)	different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.
	Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

INFORMATION SYSTEMS – SAP APP DEVELOPMENT

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E / B.Tech) in Computer Science / Information Technology with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ST/PwBD categories.
KEY CHALLENGES AND EXPECTATIONS	As a professional employed in BPCL, you will be responsible for the following in the Information Systems Entity: Independently handling development project on some of the SAP modules like SAP ECC EHP8 all modules SAP SCM SAP BI/BW 7.4 with HANA SAP Solutions Manager SAP Governance, Risk and Compliance SAP CRM SAP Portal (Internal & External) SAP PO/PI (Middleware) SAP Gateway Other applications and systems developed in-house. Coordinating with Business users/Functional Consultants for requirements. Design and architect solution in SAP environment and ensure deliver of projects as per agreed milestones. Design and Development integration scenarios (B2B & B2C) across large enterprise systems using SAP PI/PO.
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	Overall Experience – Minimum 4 Years in SAP ABAP or SAP PI/PO. SAP ABAP: • Experience in ABAP programming covering report programming, module pool programming, BDC programming, OOPs concept, FM/RFC, BAPI, ABAP Web service, Smart forms, SAP Interactive Adobe forms, BADI/User exits etc. • ABAP Web Dynpro programming experience. • Experience of creating and maintaining different ABAP Dictionary Objects.

17th October 2023 Page **52** of **76**



	SAP PI:		
	Experience of Designing and maintaining B2B, A2A Integration		
	scenarios.		
	Capable of designing Graphical Mapping / Java Mapping for		
	integration scenarios.		
	• In-depth knowledge of using		
	IDocs/RFC/REST/SOAP/JDBC/SFTP/MAIL Adaptors in SAP		
	PI.		
	Experience of designing alerts through automation tools for		
	tracking issues in Integration scenarios.		
	Troubleshooting integration issues and coordinating with		
	business teams.		
	Possess excellent ABAP programming skills in the technology SAP		
	areas in various modules of SAP.		
	 Effectively debug programs, identify bug fixes / performance bottlenecks and improvements. 		
DESIRED SKILLS	Be able to prepare detailed technical document as per template		
DESIRED SKILLS	provided by BPCL and also manage large project independently.		
	Desired Additional Qualification/ Certification/ Specialization:		
	SAP-ABAP Or SAP PI Certification.		
	 Database management skills (e.g., SQL). 		
UPPER AGE LIMIT	Upper Age Limit for General and EWS candidates- 28 years.		
(AS ON 01.10.2023)			
	Age relaxations will be applicable to the candidates belonging to		
	different categories (OBC-NCL/SC/ST/PwBD/Ex-Servicemen) as per		
	the Presidential Directives.		
	Cumulative relaxation in age for one/more than one category taken		
	together shall be limited to a maximum of 10 years.		

ENGINEERING

Bharat Petroleum Corporation Limited (BPCL) is at the forefront of India's energy sector, and its engineering professionals play a pivotal role in driving the nation's growth and energy security. As an integral part of BPCL's dynamic team, engineers have the unique opportunity to shape the future of the energy industry. Whether you are a mechanical, chemical, Instrumentation, electrical, or civil engineer, a career at BPCL offers a challenging and rewarding journey, where innovation, sustainability, and excellence converge to power India's progress. Join us as we embark on a mission to meet the nation's energy needs and build a sustainable and resilient future.

We invite applications for the following profiles:

17th October 2023 Page **53** of **76**



ENGINEERING - INSTRUMENTATION

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E/B.Tech) in Instrumentation / Instrumentation & Control / Instrumentation & Electronics / Electronics & Instrumentation Engineering (Four Year Course) with minimum 70% marks in aggregate relaxed to 60% for SC/ST / PwBD categories.		
KEY CHALLENGES & EXPECTATIONS	 Responsible for overall maintenance activities in process instrumentations & control system. Executes routine maintenance jobs, preventive/predictive maintenance jobs and break down/Plant shut down jobs in cost effective manner. Responsible for preparation of specification for instrument items procurement. Responsible for maintaining the DCS/PLC/ESD system. Responsible to design, procure, install and commission the new instruments through DCS/PLC/ESD. Maintenance of master calibrators and scheduled calibration of instruments and analyzers. Responsible to work with DCS/PLC/ESD system to monitor the system performance and troubleshoot the alarm events to identify the root cause of breakdown. Preparation of maintenance strategies to help with installation and commissioning guideline. Monitor and control maintenance costs. Should be able to draft permits and demonstrate understanding of HRA, HAZID and similar risk assessment and their control mechanisms. Sound knowledge on work prioritization, production critical threats, safety systems management and statutory compliances. Demonstrate sound knowledge in contracts management, document management, service entries and Site measurements. Develop work planning through SAP or any other planning tool with clear understanding of all required information and documentation to execute a job in the field. Should be able to coordinate with Third Party Vendors, OEMs and Service Providers for execution of specific targeted maintenance scopes. 		

17th October 2023 Page **54** of **76**



	Alta to initiate a manufactor and initial transfer in the second of the
	 Able to initiate a purchase requisition, track material status, find the right material masters and verify the correctness of bills of materials.
	Understand the concept of manhour estimation for maintenance activities referring Global norms and best practices etc.
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	Minimum 10 years of post-qualification experience in maintenance/project execution of Process measuring Instrumentation and Control system, Troubleshooting/problem solving of maintenance activities in Field measuring instruments, Control valves, emission/process analyzers, DCS/PLC/ESD systems in Petroleum Oil & Gas/ Petrochemical / Fertilizer plant.
DESIRED SKILLS	 Candidates should possess detailed knowledge in understanding of P&ID, equipment layouts, isometric, maintenance of DCS/ PLC/ ESD systems and field instrumentation like transmitters/ analyzers/ control valves etc. Working knowledge of trouble shooting of instrument systems rectification of field instruments / site erection procedure for testing / reconditioning of valves/ spare management / SAP or any other planning tool / turn around planning / vendor /contract management etc.
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 38 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives. Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

ENGINEERING - MECHANICAL ROTARY MAINTENANCE

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E/B.Tech) in Mechanical Engineering (Four Year Course) with minimum 70% marks in aggregate relaxed to 60% for SC/ST/PwBD categories.
KEY CHALLENGES & EXPECTATIONS	 As a maintenance rotary engineer, you'll: Provide day-to-day technical support to Operations and Maintenance to troubleshoot and fix rotating equipment and mechanical systems.

17th October 2023 Page **55** of **76**



- Offer day-to-day support for Rotating Equipment and Mechanical systems to the Maintenance & Operations teams, guaranteeing uninterrupted operability of plant equipment.
- Deliver advanced diagnostic assistance for swift production recovery in cases of equipment failure and plant outages.
- Steer Root Cause Failure Analysis (RCFA) efforts, including the ability to compile summaries with causes and recommendations and present them to relevant parties.
- Interpret and assess recommendations from Reliability Technicians on predictive programs.
- Aid the Maintenance team in Turnaround planning and execution.
- Facilitate availability tracking and bolstering overall reliability of plant equipment.
- Assess workflow processes, identifying critical spares, and determining storage and preservation requirements for Rotating Equipment systems across the plant.
- Load initiatives to refine and enhance existing Maintenance practices through Reliability Centered Maintenance (RCM) methodologies.
- Be responsible in preparing/developing work plan from overhaul reports, maintenance reports, general task list, equipment specific task lists, spare part list, equipment drawings, circuit diagrams, P&IDs, operation and maintenance manuals of OEMs, Asset best practices etc., for heavy duty rotary equipment like pumps, compressors, turbines, engines, fans, soot blowers, mixers, agitators, gas turbines etc.
- Develop work lists that include detailed description of the tasks that need to be performed for overhauling / maintenance of each machine, parts required, resources, tools required, and time required.
- Plan & Execute Preventive Maintenance & Condition monitoring work orders generated in SAP or any other planning tool which includes detailed description of the tasks that need to be performed for time & condition-based maintenance, breakdown maintenance, ordering parts required, service or tools required, estimating time required, Estimating cost of work order.
- Use planning tools such as SAP or any other planning tool, vibration analysis, spectrum analysis, system-1 etc.,
- Identify the system condition for each operation activity task should be ascertained about the shutdown windows availability or suitable opportunities for maintenance activities.
- Plan of end-to-end work orders to enable efficient scheduling and ensure compliance of executable work orders.
- First level diagnosis of damage history, determining the failure mode based on anomaly reports and information given in corrective maintenance work request/ notification.

17th October 2023 Page **56** of **76**



	orangaring an
•	Investigate and do analysis of Condition Monitoring work request to
	identify the true cause of the problem and prepare work orders with the
	detailed tasks to repair the damage with as much as detailed
	information required to complete the job effectively including
	procedures, sketches, specifications, or drawings deemed necessary.
•	Improve productivity by ensuring the resource, special tool, material

- Improve productivity by ensuring the resource, special tool, material and service requirements availability before the job begins.
- Anticipate & plan for mandatory spares, tools and tackles and manpower required for the heavy-duty equipment based on the information extracted from maintenance manuals.
- Interact and communicate with the site team for Preventive Maintenance strategies, understanding the intricacies about how the actual maintenance activities for heavy duty rotating equipment and other machinery have been planned and performed.
- Need to have sound knowledge on work prioritization, production critical threats, safety systems management and statutory compliances.
- Analyze system performance and find solution for energy saving.
- Ensure quality, cost-effective, and timely solutions to any upgrade.
- Draft permits and demonstrates understanding of HRA, HAZID and similar risk assessment and their control mechanisms.
- Initiate a purchase requisition, track material status, find the right material master's and verify the correctness of bills of materials.
- Develop work planning through SAP or any other planning tool with clear understanding of all required information and documentation to execute a job in the field.
- Coordinate with OEMs and Service Providers for execution of specific targeted maintenance scopes.
- Demonstrate sound knowledge in contracts management, document management.

ESSENTIAL WORK-EXPERIENCE (AS ON 01.10.2023)

Minimum **7 years** of experience in Petroleum Oil & Gas/ Petrochemical / Fertilizer plants in Rotary Maintenance jobs.

DESIRED SKILLS

- Candidates should possess detailed knowledge in understanding of P&ID, equipment layouts, isometric, maintenance /overhauling of rotary machines/pumps/compressors/ blowers / diaphragm/ metering pumps etc.
- Working knowledge of vibration monitoring/condition monitoring
 / RCM / spare management / SAP or any other planning tool / turn around planning / vendor /contract management etc.

17th October 2023 Page **57** of **76**



UPPER AGE LIMIT	Upper Age Limit for General and EWS candidates- 38 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the
(AS ON 01.10.2023)	Presidential Directives. Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

ENGINEERING - MECHANICAL STATIC MAINTENANCE

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B. E/ B.Tech) in Mechanical Engineering (Four Year Course) with minimum 70% marks in aggregate relaxed to 60% for SC/ ST / PWBD categories
KEY CHALLENGES & EXPECTATIONS	 As a maintenance engineer, you'll: Have primary responsibility in preparing/developing work plan from overhaul reports, maintenance reports, general task list, equipment specific task lists, spare part list, equipment drawings, P&IDs, operation and maintenance manuals of OEMs, Asset best practices etc., for static equipment like columns, Heaters, reboilers, Reactors, safety valves, valves, pressure vessels, Boilers, tanks, heat exchangers & piping etc., Be responsible for all overall maintenance activities of all static equipment's and are operating at optimum condition. Carry out routine maintenance work and respond to equipment faults. Liaise with Inspection, design departments, customers and other engineering and production departments. Ensure all spares/equipment's are available to maintain uptime of refinery. Monitor and control maintenance costs. Deal with emergencies, unplanned problems, and repairs Improve health and safety policies and procedures. Ensure all maintenance jobs are carried out by contractor personnel are done safely with BPCL safety standards. Draft permits and demonstrate understanding of HRA, HAZID and similar risk assessment and their control mechanisms. Have sound knowledge on work prioritization, production critical threats, safety systems management and statutory compliances. Demonstrate sound knowledge in contracts management, document management, service entries and Site measurements.

17th October 2023 Page **58** of **76**



	 Develop work planning through SAP or any other planning tool with clear understanding of all required information and documentation to execute a job in the field. Coordinate with Third Party Vendors, OEMs and Service Providers for execution of specific targeted maintenance scopes. Initiate a purchase requisition, track material status, find the right material masters and verify the correctness of bills of materials. Understand the concept of manhour estimation for maintenance activities referring Global norms and best practices etc.,
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	Minimum 7 years of experience in Static Maintenance jobs/ Project execution of static equipment's in Petroleum Oil & Gas/ Petrochemical/ Fertilizer plant.
DESIRED SKILLS	 Candidates should possess detailed knowledge in understanding of P&ID, equipment layouts, isometric, maintenance of static equipment's like column, heaters, reboilers, reactors, safety valves, valves, pressure vessels, boilers, tanks, heat exchangers and piping etc. Working knowledge of rectification of static equipment's/ procedure for welding, fabrication, testing, erection / reconditioning of valves/ spare management / SAP or any other planning tool / turn around planning / vendor /contract management etc.
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 34 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives. Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

ENGINEERING – CHEMICAL TECHNOLOGY

ESSENTIAL	Bachelor's Degree (B.E /B.Tech) in Chemical Engineering with
EDUCATIONAL	minimum 70% marks in aggregate relaxed to 60% for SC/ST/PWBD
QUALIFICATION	categories.
	 Plant monitoring and technical support to operations.
KEY CHALLENGES	 Trouble shooting and root cause analysis.
& EXPECTATIONS	Developing process improvement schemes and conducting
& EXILCIATIONS	HAZOP.
	Identification of plant revamps.

17th October 2023 Page **59** of **76**



	Process simulation / design / optimization
	 Cost benefit analysis of process proposals.
	 Maintaining Data Historian of the process plants.
	 Preparing development reports.
	• Turn around / shut down inspection and report generation.
	 PFD and P&ID review and up-dation.
	 Review of Heat & Material balances of design packages.
	Plant performance test runs.
	Crude oil evaluations
	 Pre-commissioning / commissioning checks.
	Start up and shut down support and supervision of catalyst
	loading unloading operations.
	Techno-Commercial evaluation of Catalyst, Chemicals and Mass
	Transfer internals.
	 Coordination with process licensors.
	Tracking industry developments.
ESSENTIAL WORK-	Minimum 10 years of post-qualification experience in Petroleum
EXPERIENCE (AS	Refinery / Petrochemical manufacturing organizations in domains such
ON 01.10.2023)	as Manufacturing / Operations / Technical Services.
	Basic understanding of operations in Petroleum Refinery /
	Petrochemical units.
	Experience in operation/technical service of process equipment
	such as distillation columns, pumps, compressors, heaters,
	reactors etc.
	Knowledge of process simulation and other design software.
	• Expertise in Process Safety Management and failure analysis
DESIRED SKILLS	techniques like HAZOP.
	Basic understanding of Process control systems, DCS, PLC,
	Process Historian and optimization packages.
	Learning agility
	Communication skills and people management.
	Integrity and self-discipline
	 Awareness of Energy optimization techniques and benchmarks.
	Awareness of applicable statutory regulations in Health Safety
	and Environment.
	Upper Age Limit for General and EWS candidates- 38 years.
IMPRED A COLUMN	
UPPER AGE LIMIT	Age relaxations will be applicable to the candidates belonging to different
(AS ON 01.10.2023)	categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.
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17th October 2023 Page **60** of **76**



Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.

ENGINEERING - HEALTH, SAFETY & ENVIRONMENT (HSE)

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E/ B.Tech) in Chemical Engineering (Four Year Course) with minimum 70% marks in aggregate relaxed to 60% for SC/ ST / PwBD categories.
VEN CHALLENCES	As a safety professional in BPCL, which strongly advocates 'Safety First, Safety Must', the safety officer shall deal with all the Health, Safety and Environment (HSE) related aspects at the site, which includes implementation of Process Safety Management (PSM), monitoring and coordinating implementation of PSM elements, anchoring safety audits, safety meetings, etc. Your key responsibilities include:
KEY CHALLENGES & EXPECTATIONS	 Monitoring and coordinating implementation of Process Safety Management across the refinery including monitoring of PSM KPIs, audits, liaison with various unit level element champions etc.
	 Conducting various campaigns to strengthen the PSM in the refinery, participating in investigation of process safety events, conducting PSM apex review meetings, preparing job safety analysis for critical jobs, reviewing SOPs, HIRA, MSDS, work permit system, participating in HAZOPs etc.
	 Reporting to Head of Department of HSE & playing a role in everyday activities, safety rounds, audits, field survey, interaction with field personnel including safety observers of contractors, contractor sitesupervisors and Project Construction Engineers.
	 Creating a safety culture and propagating the safety first, safety must agenda in the plant. Ensuring record of accidents statistics with a follow up for accident reports, FIR investigations
	• Conducting surprise checks at work sites to identify unsafe acts if any and ensuring that the safety recommendations are implemented.
	• Safety Meetings: Coordinating periodic safety meetings/safety award functions with contractors at site as per schedule and

17th October 2023 Page **61** of **76**



	preparing the agenda for safety meeting/safety award functions.
	 Providing safety coverage during critical activities at site as per requirements.
	 Drafting safety procedures for any new process/activity to be carried out at site as per BPCL Safety manual with guidance to contractors as & when necessary.
	 Updating safety procedures as per new standards & facilities & imparting safety training to BPCL & contractor employees.
	Monitoring and preparing status of internal & external safety auditjobs & inspection of emergency safety appliances at project site.
	Consolidation and playing an advisory role.
ESSENTIAL WORK EXPERIENCE (AS ON 01.10.2023)	Minimum 10 years of post-qualification experience in a Petroleum / Oil & Gas / Petrochemical / Manufacturing industry with minimum 3 years' of experience in Process Safety Management / Industrial Safety.
DESIRED SKILLS	 Diploma in Industrial Safety Recognized by any State / Central Government approved institutions or CCPS Process Safety Professional Certification is a desirable qualification. In-depth knowledge of International Fire & Safety Standards & specifications Ability to independently carry out the HSE jobs at site during theconstruction activities. Learning agility
	 People Management skills A high level of integrity, self-discipline and positive attitude Strong written and Oral Communication Skills Strong commitment towards work Self-motivated and target-oriented to drive results
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 38 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives. Cumulative relaxation in age for one/more than one category taken
	together shall be limited to a maximum of 10 years.

17th October 2023 Page **62** of **76**



FUNCTIONAL EXPERTS

ESSENTIAL EDUCATIONAL QUALIFICATION	Bachelor's Degree (B.E/B.Tech) in Mechanical / Electrical / Instrumentation / Electronics/ Civil / Chemical Engineering with minimum 70% aggregate percentage (or equivalent CGPA & above), relaxed to 60% for SC/ ST/ PwBD categories	
KEY CHALLENGES AND EXPECTATIONS	As a professional employed in BPCL, you will work on exciting assignments as part of the Functional team in Corporate Information technology of the organization responsible for designing digital solutions. The Job role involves: • Understanding Business requirements. • Conceptualizing and designing system solutions for business requirements. • Creation of prototypes using Pencil / other software. • Creation of functional specifications for development. • Maintain required configuration in SAP / other systems in development system. • Configuration Documentation/ Process Documentation. • Quality assurance of the solution (Testing). • Testing of scenarios after configuration/development in development and quality systems. • Project Management • Change Management • Imparting Role based End User Training. • Support to technical upgrades / support packs. • Support to Functional upgrades / Business Functions.	
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	Minimum 7 years of continuous post-qualification relevant work- experience in Oil & Gas major having a turnover of minimum Rs.1000 crore in any of the following profiles: • Sales & Marketing roles • Production / Logistics / Supply chain management roles. • Operations/Maintenance/Engineering/Project • Procurement specialists	
DESIRED SKILLS	 Have good understanding of the Business processes along with associated guidelines, policies, procedures, accounting standards. Ability to model new business processes taking into consideration various business realities and needs. 	

17th October 2023 Page **63** of **76**





		Ability to do Root Cause Analysis.
		Have a process thinking orientation.
		 Have flair for designing applications with focus on creative design thinking and enhanced user experience.
		 Ability to interact effectively with key role-holders for implementing changes in processes.
		Passion for continuous learning and skill upgradation
		Have good oral and written communication skills.
		SAP Certification in relevant module will be desirable.
		 Experience as end user in relevant SAP module will be added advantage.
		Upper Age Limit for General and EWS candidates- 38 years.
UPPER	AGE	
LIMIT (AS 01.10.2023)	ON	Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.
		Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years

HUMAN RESOURCES

For BPCL, employees are the most valued assets and our continuous investment in employees' growth and development defines our core value of "Development of People". With numerous awards and accolades from organizations like Confederationof Indian Industry, Employers Federation of India, Business World etc., BPCL has always stayed ahead in terms of people practices. Our HR strategy is focused on strengthening the leadership pipeline and grooming the future generations through our philosophy of development. We are looking for bright talent to join hands with usto craft a beautiful future for the company!

We invite applications in the following profile:

HR (TEAM LEADER)

ESSENTIAL	Two-year MBA (HR) / MA (PM&IR) / Post-Graduate Diploma in (HR /
EDUCATIONAL	PM&IR) / MMS (HR/ Personnel)/ Masters in Labour Studies courses with
QUALIFICATION	minimum 65% marks in aggregate, relaxed to 60% for SC/ ST / PwBD
	categories.
	Team Lead, HR, is a senior role responsible for overseeing the HR
	function, driving the development and implementation of HR strategies,
KEY CHALLENGES	and providing leadership to the HR team.
& EXPECTATIONS	With extensive experience in HR, this individual will contribute to the
	organization's overall success by fostering a positive workplace culture,
	supporting talent acquisition, employee development, and ensuring

17th October 2023 Page **64** of **76**





compliance with labour laws and company policies. Additionally, this role places a strong emphasis on career development and talent management to nurture the organization's human capital.

- Leadership and Strategy Develop and implement HR strategies aligned with the organization's goals and values and provide leadership and guidance to the HR team, ensuring their professional growth and effectiveness.
- Talent Acquisition and Recruitment Oversee the recruitment process, from job posting to onboarding, to attract and retain top talent and develop and maintain effective relationships with recruitment agencies, universities, and industry networks.
- Employee Relations and Engagement Foster a positive work environment through initiatives that promote employee engagement, satisfaction, and well-being and manage and resolve complex employee relations issues, ensuring fair and consistent HR practices.
- Performance Management and Development -Lead the performance management process, including goal setting, performance evaluations, and development plans and identify training and development needs and facilitate training programs for staff.
- Career Development and Talent Management- Create and implement career development programs that support employees' growth within the organization, identify high-potential employees and develop succession plans and establish mentoring and coaching programs to facilitate career progression.
- Compensation and Benefits Oversee compensation and benefits programs, ensuring they remain competitive and aligned with industry standards and review and recommend improvements to the compensation structure and benefit offerings.
- Legal Compliance Stay updated on labour laws and regulations and ensure the organization's compliance and provide guidance and training to managers and employees on HR-related legal matters.
- HR Metrics and Reporting Implement and maintain HR metrics and reporting systems to assess the effectiveness of HR programs and initiatives and use data to drive evidence-based decisionmaking.
- Policy Development and Implementation Develop and update HR policies, procedures, and employee handbooks and ensure consistent enforcement and understanding of company policies.
- HR Technology Stay current with HR technology trends and oversee the implementation of relevant HR software systems.

17th October 2023 Page **65** of **76**



6 It is becaus	se we dream we discover, because we discover we design
and because we desi	ign we deliverAt BPCL, it's all about dreaming and delivering
ESSENTIAL WORK-	Minimum 21 years of post-qualification experience in Human resource
EXPERIENCE (AS	domain such as Learning & Development/ Talent Management / Employee
ON 01.10.2023)	Relations/Industrial Relations/Talent Acquisition/ Performance
	Management/ Workforce Management/ HR Business Partner role in
	Petroleum Oil & Gas/ manufacturing organizations.
DESIRED SKILLS	 The ability to align HR initiatives with BPCL's business strategy and long-term goals. Demonstrate strong leadership and team management skills to lead and motivate the HR team effectively. Proficiency in guiding employees through organizational changes and ensuring smooth transitions. Proficiency in HR technology solutions, including but not limited to HRIS (Human Resources Information Systems), ATS (Applicant Tracking Systems), and data analytics tools, to drive process efficiency, data-driven decision-making, and seamless employee experience management. Knowledge and experience in managing labor relations, including negotiations and conflict resolution. Expertise in recruitment strategies, including sourcing, selection, and onboarding of top talent. Excellent verbal and written communication skills to convey HR policies, changes, and initiatives clearly to employees and stakeholders. Experience in designing and implementing training and development programs to enhance employee skills and career growth. Proficiency in resolving workplace conflicts and addressing employee grievances. Familiarity with the oil and gas industry or a willingness to learn about its unique challenges and regulations.
UPPER AGE LIMIT (AS ON	Upper Age Limit for General and EWS candidates- 50 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.
01.10.2023)	Cumulative relaxation in age for one/more than one category taken

as on 01.10.2023, after all applicable relaxations are accounted for.

However, the maximum age of the candidate should not exceed 58 years,

together shall be limited to a maximum of 10 years.

17th October 2023 Page **66** of **76**



HR (TEAM MEMBER)

	T MDA (IID) /MA (DMOID) /D + C + + D' + + (TD) /
ESSENTIAL EDUCATIONAL QUALIFICATION	Two-year MBA (HR) / MA (PM&IR) / Post-Graduate Diploma in (HR / PM&IR) / MMS (HR/ Personnel)/ Masters in Labour Studies courses with minimum 65% marks in aggregate relaxed to 60% for SC/ ST / PWBD categories.
KEY CHALLENGES & EXPECTATIONS	 As an HR professional, you will be accountable for executing a range of essential duties and promoting growth at BPCL. These include: Developing and executing effective recruitment and selection processes, defining staffing needs and job descriptions, mediating and resolving workplace conflicts, managing employee grievances and complaints, fostering a positive and inclusive workplace culture, enforcing company policies. Identifying training needs & implementing training programs, monitoring training effectiveness, creating career development programs. Capability building – As a vital member of our HR team, you will play a pivotal role in fostering a culture of continuous learning and development within our organization. As a key member of our HR team, you will be responsible for building and maintaining positive industrial relations within our organization. Establishing performance appraisal systems and improvement plans, conducting performance reviews and recognition for highperforming employees, administering compensation and benefits. ensuring legal compliance, tracking HR metrics, promoting workplace health and safety, contributing to strategic HR planning, utilizing HR technology, resolving conflicts, overseeing HR staff, facilitating employee communication, and complying with labor laws and regulations while handling legal issues.
ESSENTIAL WORK- EXPERIENCE (AS ON 01.10.2023)	Minimum 10 years of post-qualification experience in Human resource domain such as Learning & Development / Talent Management / Employee Relations / Industrial Relations/ Talent Acquisition/ Performance Management/ Workforce Management/ HR Business Partner role in Petroleum Oil & Gas/ manufacturing organizations.
DESIRED SKILLS	 Ability to take the lead & initiative to champion process improvements. Sharp business acumen. Ability to manage time & sustain effective relationships. Understanding of SAP-HCM. Proficiency in Microsoft Office applications.

17th October 2023 Page **67** of **76**





It is because we dream we discover, because we	discover we design
and because we design we deliverAt BPCL, it's all about	dreaming and delivering

	Exceptional analytical skills.
	Ability to thrive in an ambiguous, fast-paced work environment
	with changing priorities.
	Excellent verbal and written communication & presentation skills
	to explain ideas succinctly and build consensus across teams.
	 Proficiency in strategy management and planning.
UPPER AGE LIMIT (AS ON 01.10.2023)	Upper Age Limit for General and EWS candidates- 42 years. Age relaxations will be applicable to the candidates belonging to different categories (OBC-NCL/ SC/ ST/ PwBD/ Ex-Servicemen) as per the Presidential Directives.
	Cumulative relaxation in age for one/more than one category taken together shall be limited to a maximum of 10 years.