

Associate Position for Retired Executive (E7 level) for Chemistry

Job Description:

1. Provide technical guidance on water treatment system, green chemical processes, including ammonia, methanol, ethanol, and hydrogen carriers.
2. Review and optimize chemical reaction pathways for low-carbon production.
3. Review and validate PFDs, P&IDs, and process simulations for pilot and commercial-scale plants.
4. Advise on selection and integration of reactors, separators, heat exchangers, and control systems.
5. Ensure compliance with environmental and safety standards (e.g., REACH, GHS, ISO 14001).
6. Evaluate catalysts, feedstock alternatives, and process intensification strategies.
7. Collaborate with engineering and sustainability teams to integrate chemistry with plant design.
8. Conduct techno-economic assessments and lifecycle analysis of green chemical products.
9. Liaise with regulatory bodies, EPC contractors, and technology licensors.

Required Qualification:

Master's degree in Chemistry from a recognized University/Institute.

Required Experience Profile:

The candidate should have retired at pay scale of E7 or above level equivalent of NTPC Ltd. from Public Sector Undertakings or Autonomous Organizations of Central/ State Governments or private company of repute.

Minimum 20 years' experience required in the executive cadre, out of which, at least 4 years' experience in the relevant field i.e., Oil and Gas/Power Sector/Renewable Energy Projects-related activities. Experience in the Renewable Energy sector will be desirable. The candidate should have work experience in SAP and e-office system and knowledge of Microsoft Word, Power Point, Excel etc

Other Criteria: At least 01 outstanding rating in last three years excluding in year of superannuation.

Period of Engagement: For a period of 01 year

Upper Age Limit: 64 as on last date of submission of application.

Applicants are required to submit their biodata including, DOB, Qualifications, designation/grade/level wise experience details with period of experience and name(s) of Organisation/department etc in the enclosed Format (Annex – A) through email mentioning subject as “Retired Associate for Civil Erection: 24/25” at ngelcareers@ntpc.co.in.

No. of positions: 02

Location: Maharashtra / Madhya Pradesh / Gujarat / Rajasthan / NCR / Andhra Pradesh.

Remarks: The no. of positions and locations are tentative and are subject to increase/ decrease/ change as per requirement.

Last date of application 22.08.2025