

Sr. Pilot Engineer:

Salary Range is in Dhs. 22112/- – 27344/- (including allowances)

➤ **Basic Function:**

- Coordinates and supervises on the pilot plant operation of diversified and critical in a safe and efficient manner to ensure smooth operations. Coordinates periodic checks, adjustments and maintains follow-up on all maintenance activities in pilot plants.
- Conducts studies and evaluations of new technologies on pilot plant and catalyst to contribute to TAKREER's operation and research & development
- Develops new catalyst testing methods by cooperating with catalyst researchers, research institutions and catalyst suppliers.
- Carries out research activities on new catalyst development with cooperation of catalyst researchers and other international research institutions.
- Maintain research activities on new technology within and without TTC.
- Coordinates with catalyst researcher to conduct Test Runs, tests new catalyst and implements changes in pilot plant if necessary.
- Provides functional assistance to pilot plant in test-checking alternatives, diagnosing process and corrosion problems and preparing technical specifications of operating chemicals and materials.
- Performs a variety of process engineering duties for pilot plant. Includes monitoring performance of pilot plants and facilities, preparing performance summary and recommending corrective actions to deal with abnormalities.
- Collects the state of art of information of the most advanced technologies and equipments and applies them to refineries and TTC.
- Prepares and participate actively to present technical papers to various conferences and scientific societies and exhibitions together with the catalysis team in TTC
- Constructs network with the academic group of people in the petroleum and refinery sectors, and Universities research institutes, etc.
- Works actively on accumulation of technical databases within and without TAKREER
- Actively be involved in witnessing facility and site acceptance test runs for all pilot plant units.
- Provides technical expertise for effective and optimized operation of pilot plant units.
- Cooperate and coordinates with catalyst researcher, process engineers, analysis & test staffs for pilot operation.
- Provides technical expertise for design and development for new pilot plant units.
- Supervises plant start-ups, shutdowns and emergencies of pilot plant as per the established procedures.
- Performs the assistance on activities of process engineering and catalyst research.
- Provide support to develop technical specifications for new pilot plants.
- Reviews and approves the design and engineering works performed by suppliers and/or contractors of pilot plants.
- Completes shift supervisor log book and other work reports noting state of pilot plants, corrective action taken and highlighting other items of pilot plant that need further attention.
- Reviews/comments/approves PFD & P&ID, Datasheets, technical documents, technical specifications, standards, technical evaluation report and award recommendation prepared by suppliers and/or contractors of pilot plants.
- Performs design & engineering works for new pilot plants.

Minimum Requirements:

Completion of Technical Secondary education followed by 2 years full time training leading to a Diploma in a technical certification.

10 years experience in various plant operations aspects, preferably in an petroleum refining and/or petrochemical facilities.

OR

B.Sc. in Chemical or Petroleum Processing Engineering.

5 years experience in process / operations with sound proven knowledge on Pilot Plant operations.

Computer Literate and good interpersonal skills.