

# **Job Title: Irrigation Systems Pump Mechanic**

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## **Job Target:**

Shall carryout installation of irrigation systems pump stations? Perform maintenance activities related to irrigation pump stations consisting of vertical multi-stage centrifugal pumps, horizontal centrifugal pumps, submersible pumps, gate valves, butterfly valves, check valves, pressure reducing sustaining valves, baskets trainers, micro filters, pressure gauges, pressure switches, sump pumps etc

## **Main Duties:**

1. Installation, operation and maintenance of all types of centrifugal pumps.
2. Trouble shooting of centrifugal pumps and related mechanical equipment in pump stations.
3. Inspection of irrigation pump stations to diagnose mall function of pumps and equipment and to identify mechanical defects and to take necessary measures to repair, rectify the defects and shall record the job carried out on the specified maintenance cards.
4. Dismantling of centrifugal pumps and other mechanical equipment, inspect the damaged parts and to replace the faulty parts effectively and re-commission the pump station.
5. Should have the knowledge of pumps mechanical seals, impellers, bearings, pump shafts, faulty motors and couplings.
6. Shall attend emergency line breakages (24/7) by closing main valves and to dewater the flooded areas by installing diesel pumps with necessary safety precautions.
7. Shall reveal hour meter readings of irrigation pumps operation to ensure that the pumps do not exceed the allowed maximum number of hours and to do the necessary maintenance of pumps for the safety and prolong their life cycle.
8. To save and rearrange the tools and equipment used in the performance of maintenance works with commitment to safety and security. Adopt and maintain cleanliness of various work sites after the completion of given tasks.
9. At the end of duty each mechanic shall report to supervisor in-charge and submit daily reports and the problems and obstacles that have been encountered.
10. To perform any other tasks related to the nature of work in accordance with the instructions given.

## **Eligibility:**

QUALIFICATION: ITI/DIPLOMA/TRADE CERTIFICATE

2 YEARS MINIMUM EXPERIENCE (GULF EXPERIENCE AND VALID GCC DRIVING LICENSE PREFERRED)

AGE LIMIT: 45 YRS