



General duties and responsibilities of sewerage Operation & Maintenance Technician (TREATMENT PLANTS):

The following are the job responsibilities of O&M of sewerage treatment plants under the sewerage section:

Ensure that the operation and maintenance of treatment plant is carried out as per the operation and maintenance manual of respective treatment plants

GENERAL:

- Collect water sample for laboratory analysis
- Monitor quantity of raw sewage inflow to the plant
- Monitor functions of treatment plant components to ensure operation as per manual
- Collect samples and conduct laboratory tests/analysis
- Prepare reagent and media
- Fill out weekly maintenance sheet
- Monitor effluent quality
- Prepare monthly and annual reports for record and submission to the NECS HQ
- Ensure safety within the treatment plant premises
- Analysis of other treatment plant samples, as per the instruction of supervisor
- Maintain materials at site account (MAS) and Muster roll payment
- Supervise Capital work/maintenance related to Sewerage treatment plant
- Record all operational data in the computer for reference
- Any other responsibility as assigned by supervisor

RECORD/DATA:

- Operation and maintenance manual of the plant
- As built maps & drawings of the sewerage/waste water treatment plant
- Details of maintenance works carried out
- Monthly compilation of data on the O&M of the plant
- Monthly quantity of waste water treated from the treatment plants
- Monthly report of waste water quality monitoring
- Inventory of tools, plants and equipment

ADHOC WORKS:

- Any other works related to sewerage shall be carried out as per the order and instruction of the Chief Engineer, Infrastructure Division

REPORTING:

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- The officials shall report to the sewerage section.

Act, Regulation and Standards to be followed:

- **The Water Act of Bhutan 2011**
- **The Water Regulation of Bhutan 2014**
- **Bhutan Drinking Water Quality Standard, 2016**
- **Code of Practice for Plumbing BTS 001-2001**
- **Standard Operating Procedure – A Guide to Availing Thromde Services**
- **Respective Treatment Plant Operation and Maintenance Manuals**