



**Bangladesh Power Development Board**  
**INTEGRATED MANAGEMENT SYSTEM**  
**(BASED ON ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018**  
**STANDARDS)**

**EFFLUENT WATER QUALITY PROCEDURE**



# INTEGRATED MANAGEMENT SYSTEM

Document No.:  
BPDB-IMS-PR-067

Revision No.: 00

Effective Date: 01-11-2021

## EFFLUENT WATER QUALITY

Page 2 of 3

### 1. Purpose

For controlling and monitoring of Effluent discharge water quality for the demin neutralization pit discharge at BPDB.

### 2. Scope

This procedure applies to all the effluent discharge areas stated above and outlines the procedure for the recording, tracking and controlling the discharge.

### 3. Terms and Definition

None

#### Abbreviation

**BPDB** – Bangladesh Power Development Board

### 4. Responsibilities

**Operation Manager:** Ensure that procedure is followed in order to accurately maintain the discharge control parameters.

**Shift Charge Engr.:** Ensure that the task to be carried out by his operation technician is in the manner described herein.

**Operation Engineer (Balance of Plant/CCR):** Responsible for carrying out the task (s) according to procedure described herein.

**Day support Operation Engineer(s):** Responsible for carrying out the task according to procedure described herein.

**Laboratory:** Responsible for the sampling analysis.

### 5. Procedure

- I. On daily basis, Operation Engineer (Balance of plant) will collect the samples and sent to lab for analysis.
- II. After the analysis, the station chemist will summarize the results in a daily report and it will be sent to plant representatives.
- III. At once the report is received, shift manager and engineer will go through the report and check against NEA standard discharge limits.

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Page 3 of 3

- IV. If the controlling parameters are within the limits, shift manager will inform the operation Engineer (CCR & Balance of plant) to begin the discharge.

### 6. References

ISO 14001:2015 Standard

### 7. Appendices

None

### 8. Revision History

SI No.	Revision Number	Section	Change Made	Date of Revision

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Reviewed By			