

Ref. No. NERTS/HVDC/BNC/HR/2024-25/ 29

Date: 01/07/2024

**Certificate for undertaking Summer Internship Training at**  
**±800 kV HVDC Converter Station, Power Grid Corporation of India Limited**

**TO WHOM IT MAY CONCERN**

This is to certify that **Md Aamir Imran**, a 6<sup>th</sup> Semester student of Tezpur University, Branch- Electrical Engineering has undergone an internship training in our establishment, ±800 kV High Voltage D.C Converter station of Power Grid Corporation of India Limited located at Biswanath Chariali, Assam. He/She has undertaken the training programme from **01.06.2024 to 30.06.2024** which comprises of the following topics-

1. An overview of ±800 kV HVDC substation and its working principle
2. Layout of 400 kV EHV sub-station, single line diagram, different types of bus-bar arrangement and layout of various high voltage equipments in transmission system.
3. Functions of various HV equipments and their testing.
4. Conversion of 400 kV AC to 800 KV DC by Thyristor valves and convertor transformer
5. Basics of transmission line & protection

During the training, he/she was found to be very much interactive with the faculty and found to be acquiring good knowledge and exposure on the above topics. We wish him/her great success in his/her career.



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01/07/24

(Thapana Deori)  
Chief Manager, i/c HR  
POWERGRID  
Biswanath Chariali

एन ई आर : ± 800 के वी.एच.वी.डी.सी. सबस्टेशन, निज बाघमारी, बिस्वानाथ चारालि-784176, मो.नं. +919401915428

NER: ±800kV HVDC-Substation, Niz Baghmari, Biswanath Chariali, 784176, Mob. +919401915428

केन्द्रीय कार्यालय : "सौदामिनी" प्लॉट नं. 2, सेक्टर-29, गुरुग्राम-122001, (हरियाणा), दूरभाष (124-2571700-719

Corporate Office : "Saudamini", Plot No. 2, Sector-29, Gurugram-122001, (Haryana) Tel. 0124-2571700-719

पंजीकृत कार्यालय : बी-9, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110 016 दूरभाष : 011-26560112, 26560121, 26564812, 26564892, सीआईएन : L40101DL1989GOI038121

Registered Office : B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110 016. Tel: 011-26560112, 26560121, 26564812, 26564892, CIN : L40101DL1989GOI038121

Website : www.powergridindia.com