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Schneider Electric Sachsenwerk GmbH, Rathenaustraße 2, D-93055 Regensburg

To whom it might concern

Design and operation training for 33kV GIS type WSA

I herewith confirm that **Mr. Mazharul Hossain** has successfully participated in the above mentioned product training in our factory in Regensburg/ Germany, containing the following topics:

Theoretical part:

- Presentation of the company
- Fields of application
- General development of medium voltage switchgears
- Principal rated values
- Design concept
- Operation panel
- Drive- and interlock unit
- Interrogation interlock
- Gas compartments
- Gas line concept
- Encapsulation of all live parts
- Bus bar system
- Vacuum circuit breaker
- Arc quenching in vacuum
- Contact material
- Three-position disconnecter
- Voltage and current transformer
- Dimension and weights
- Voltage- and gas indication devices
- Sulphur hexafluoride SF₆

Practical part:

- Visiting of the VCB and WS production line
- Principle arrangement and function of driving mechanism of VCB in switchgear type WS
- Mechanism ON
- Mechanism OFF
- Charging, coupling and switching shaft
- Principle arrangement of Vacuum Interrupter
- Maintenance according operating instructions

Best regards,

Schneider Electric Sachsenwerk GmbH




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