

AKSHAY JAYSING SHELKE

A/P-Sonesangvi
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PROFILE:

Electrical Design Engineer with 4 year experience in Engineering Design Consultancy, which is into EPC,EPCM & PMC for various sectors like Oil & Gas Refineries, Petrochemical and Chemical covering major aspects of project implementation like conceptualization, basic and detail engineering and Construction.

EDUCATION:

Bachelor of Technology, Electrical Engineering,CGPA-8.97
Sardar Patel College of Engineering, 2014-2017

WORK EXPERIENCE:

- Assistant Electrical Engineer at TOYO Engineering India. Pvt. Ltd. Since OCT 2020-Present
- Junior Electrical Engineer at TOYO Engineering India. Pvt. Ltd. Since Sept 2017-OCT 2020
- Worked as In Plant Trainee in Maintenance Department in Suruchi Dairy for 6 Months.

SOFTWARE SKILLS:

- Microsoft Office, ETAP, Smart Plant Electrical, PVSyst, Dialux.

INTERNSHIPS:

- Training in Larcen& Toubro CTEA ,Madh.

EXPERIENCE IN TOYO

1. BR-09 EXPANSION PROJECT, BARAUNI BIHAR- (MAY 2020 to Present)

Project Type-PMC & EPCM:

- Review of LSTK contractor (L&T Hydrocarbon & Technip) drawing.
- Preparation & review of Single Line Diagram.
- Fire Alarm Calculations
- Electrical Schedules (Load Schedule, Motor Control Schedule, Cable Schedule, Cable Drum Schedule and Interconnection Schedule.)
- Lighting Illumination Level Calculation Indoor and Outdoor using DIALux.
- Earthing Calculation & Layout
- Lighting Layout for Plant, Street and Building
- Transformer Sizing
- Capacitor Sizing
- Cable Sizing
- ETAP Studies like Load Flow, Short Circuit, Harmonic Study & Motor Reacceleration.
- Preparation of Single Line Diagram.
- Material Requisition, Datasheet and MTO preparation for Electrical Equipment's
- Review of Vendor Documents of Motor, Package items.
- Interface with other discipline like Project, Mech-Rotary, Mech-Package, HTAT, Civil, HVAC and other

2. MAP TA PHUT OLEFINS CO. LTD (MOCD2)-Thailand- (SEPT 2018 to MAY 2020)

Project Type- EPCM:

- Electrical Schedules (Load Schedule, Motor Control Schedule, Cable Schedule, Cable Drum Schedule and Interconnection Schedule.)
- Lighting Illumination Level Calculation Indoor and Outdoor using DIALux.
- Implementation of SPEL
- Lighting Layout for Plant, Street and Building
- Lighting Panel Distribution Schedule
- Transformer Sizing
- Capacitor Sizing
- DEG Sizing
- Cable Sizing
- Cable Tray Sizing
- ETAP Studies like Load Flow, Short Circuit, Harmonic Study & Motor Reacceleration.
- Preparation of Single Line Diagram.
- Material Requisition for Lighting DBs, Power DBs, Power and Control Cable, Cable Tray and Cable Glands.
- Review of vendor Drawing of HV Switchgear, Lighting DBs, Power DBs, Lighting Fixtures, MV & LV Switchgear, Power and Control Cable, Cable Tray and Cable Glands.
- Inspection of Transformer.
- Review of Vendor Documents of Motor, Package items.
- Motor Inspection

3. Vinati Organics Butyl Phenol (VLBP), Ratnagiri, Maharashtra- (SEPT 2017 to SEPT 2018)

Project Type -LSTK .

- Electrical Schedules (Load Schedule, Motor Control Schedule, Cable Schedule, Cable Drum Schedule and Interconnection Schedule.)
- Lighting Illumination Level Calculation using DIALux
- Implementation of SPEL
- Lighting Layout for Plant, Street and Building
- Lighting Panel Distribution Schedule
- Transformer Sizing
- Capacitor Sizing
- DEG Sizing
- Cable Sizing
- Cable Tray Sizing..
- Review of vendor Drawing of Transformer, Cable Tray, Lighting Fixtures, Lighting DBs.
- Inspection of LV Switchgear.
- Review of Vendor Documents of Motor, Package items.

Declaration:

I hereby declare that all the information exposed above is correct to the best of my knowledge.

Place: Pune

Date:

Yours faithfully
Akshay J. Shelke