Electrical Project Engineer

Geneva · Plus de 10 ans d'expérience · Réf. 2608221451

Ma recherche

Contrat recherché : Tout contrat
Zone : Toute la France
Mobilité : sur toute la france
Rémunération : A étudier
Secteur : Bâtiment

Formations

2014-12-31 — Technifutur
Certificate in advanced training on Eplan Electric P8
2014-12-31 — Bac +5 — Université Libre de Bruxelles (ULB)
Master’s degree Electromechanics
2008-12-31 — EPLAN EUPEN
Certificate in advanced training on Eplan Electric P8
2005-12-31 — BRUXELLES FORMATION
Certificate in Low voltage electrical & sanitary installations design
1998-12-31 — Bac +5 — Université des Sciences et de la Technologie Houari Boumediene (USTHB)
Master’s degree Electrotechnics
1994-12-31 — USTHB
CC and 1st year specialization in Geophysics

Expériences professionnelles

2024-01-01 - 2025-12-31 — Electrical design engineer
66kV & 18 kV protection schema implementation on EPLAN Electric P8, cable database creation, daily design and calculations of LV installations, new installation design for a maintenance workshop, 2MVA transformer replacement with power cable and protection relaying design, use of PLM platform, training on Power Factory (DigSilent).
2022-02-01 - 2022-07-31 — Electrical engineer / Solution Architect Data Centers
Electrical and mechanical design and construction of prefabricated data centers, calculation and sizing of all electrical/mechanical components (SLD, UPS, cables, trays, rectifiers, inverters), stakeholder communication, warehouse presence, project management with Navision (BOM creation, equipment ordering).
2020-02-01 - 2022-01-31 — Electrical Project Manager
Manufacturing follow up, technical validation, FAT protocols and installation of 75 /MW, 5 /MW and 2.5 /MW power transformers for renewable fossil EPC projects, BOQ definition, equipment specification analysis, wiring diagram design, cable sizing, supplier meetings.
2018-11-01 - 2019-10-31 — Engineer Consultant
Supported junior electrical engineers and new hires, wrote test forms for competency evaluation, trained on Eagle PCB and Etap, performed specification analysis for EPCM/EPC sugar industry project, organized meetings with installers, coordinated stakeholders, selected lighting systems, calculated HV cables for pellet factory, delivered ATEX and reliability training.
2017-12-01 - 2018-08-31 — Project Engineer
Design of HV/LV railway installations and revamping in compliance with RGIE, power supply and lighting design studies for local and international railway projects.
2016-06-01 - 2017-10-31 — Project Engineer
Design and installation of HV/MV cabinets in industry and substations, power generation strategic reserves management, power balancing and frequency stabilisation with custom power electronics devices.
2015-07-01 - 2016-03-31 — Low voltage electrical designer
Implementation for a nano electronics factory: 12 LVMDB schematic diagrams and UPS design on Eplan,

parameterisation, electrical device selection and follow up in workshop.

2008-02-01 - 2011-12-31 — Nuclear supervisor & Data manager

Design of 11 /kV/33 /kV/72 /kV GIS & AIS substation protection schematics on Eplan, trainer on Eplan, creation/ management of equipment database for dismantling cost estimation of 7 Belgian NPPs, on site inspection of instrumentation loops, cable identification/testing, LV/MV motor inspection and diagnosis, technical report and QA document writing.

2006-01-01 - 2008-12-31 — Electrical Engineer

Design of electrical and mechanical schemes (HV/LV) for TGV Brussels Cologne, support of draftsmen, updating of HV/LV substation schemes, sizing and calculation of power cables, optimisation of underground routing.

2005-05-01 - 2005-11-30 — Worker

Multi task worker overseeing general electricity & mechanical works, repair of various devices.

1998-07-01 - 2003-06-30 — Project engineer

Installation of HVAC systems for petrochemical & pharmaceutical firms, design of duct ventilation, piping and electrical schemes, selection/design of motors and pumps, water chillers and AHU installation, electrical board design and commissioning, team management and site supervision.

Langues

Français (Notions), Anglais (Notions), Néerlandais (Notions), Arabe (Notions)

Atouts

Eplan Electric P8, Word, Excel, PowerPoint, Outlook, PSpice, Ecodial, Caneco, ElecCALC, DIALux, MathCAD, Matlab/Simulink, AutoCAD (2D/3D), SolidWorks, NFC 15 100 (French standard) implementation, IEC & IEEE standards usage, Renewable energy – Microgrids design and simulation, Power electronics – DC/AC, AC/DC and DC/DC converter design, Robotics – double DC/DC H bridge converter for AGV motion control, RAMS (Reliability, Availability, Maintainability, Safety), Electromechanical systems dynamic modelling & simulation, Project management (planning, execution, monitoring), Agile methodology, Leadership, Team player, Result oriented, Report writing

Loisirs

Swimming, Fishing, Footing, Painting (several exhibitions), Member of UNAC in Algiers

Fiche anonyme — l'identité et les coordonnées du candidat sont communiquées aux recruteurs qui en font la demande sur pmebtp.com.