



## CURRICULUM VITAE

**Yavuz Acar**

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### **QUALIFICATIONS**

Languages: English (fluent), Turkish (Native Tongue), Kurdish (Native Tongue), Spanish B1 level  
Proficient in: Go Completions(Qedi), Turnover Management Software), Bechtel Setroute, AutoCAD, Navisworks, Acrobat Pro, DocPlant(Document Management), Oracle Primavera P6, ENKA E-Cloud(Document Management), EGPS, MS Office  
Beginner in: Microstation, Eplan, Dialux, ETAP  
Residency in: Spain

### **ADDITIONAL EXPERIENCE AND FAMILIARITY WITH:**

- Construction; QA/QC Management; Turnover (KKS coding); Planning; Subcontractor Supervision; Vendor Coordination; HSE Management (Permit to Work, Lock out- Tag out)
- EPC in Oil and Gas (Brown Field, Green Field); Refinery; Power Plant
- RMUs; Metal Clad Switchgears (ABB); MCCs; VSDs; VFDs; Air & Gas Insulated Switchgears; BOP; Transformers; UPS; Generators (Diesel & Steam generator); Underground Cabling (35 kV-220V); Lightning Protection & Grounding; Fire Detection and Alarm systems; City Lighting networks; Over-head Lines(400kV-380V); Public Address and Broadcasting systems; Telephone, Data and SMATV Systems; MV Open, Closed & Modular type Substations; Switchyard (up to 400kV); Security, Access Control & IP CCTV; Cable Tray and Conduit; Cathodic Protection
- Single line diagrams, Load calculation, short-circuit analysis, cable sizing and testing methods.
- ATEX directories; COMPEX; Factory acceptance tests (FATs); Site acceptance tests (SATs); Pre-commissioning tests, inspection.
- Offshore (jetty); Marine Renewable Energies; Offshore standards (IEC, DNV-OS, GL, ABS, ASTM, USCG)

### **PROFESSIONAL EXPERIENCE**

**TSGI JV (TECNICAS REUNIDAS-ENI SAIPEM-GS-ITOCHU), Izmir, TURKEY**  
**Specialist Electrical Supervisor (\$5 billion Aegean Refinery Project/STAR Refinery)**  
**July 2016- February 2017(AEGEAN REFINERY PROJECT/ARP)**

- Supervision of subcontractor's electrical and instrumentation activities at petrochemical complex; inspecting and reviewing projects to monitor compliance with building and safety codes and other regulations; ensuring that all activities at site are as per the project standards; monitoring job progress and ensure quality work at targeted schedule; follow up and manage Minutes of Meetings(MoM); supervising pre-commissioning tests; liaising and coordinating with other departments on project issues in Area 1 of ARP(Aegean Refinery Project) where ENI SAIPEM is the contractor, Amec Foster Wheeler is the PMC. The scope includes; Saturated Gas Plant, Saturated Merox LPG Unit, Jetty (Offshore units; DNV-OS-D2 & IEC 61892), Hydrogen Generation Unit, Diesel Hydro Treater Unit, Unicracking Unit, Pump Station, tanks' (tank farm), fire system's and jetties' cathodic protection. Substations, switchgears, power and auxiliary transformers, MCCs, VSDs, UPS, MV&LV compensation units, telecom system, public address system, cable tray and cabling (fiber optic, HV/MV/LV, public address, CCTV and so forth) are part of the scope.

**BEJV (BECHTEL- ENKA JOINT VENTURE), Tbilisi, GEORGIA**  
**QA/QC E&I Manager in British Petroleum South Caucasus Pipeline Project**  
**January 2016- May 2016(SCPX, SOUTH CAUCASUS PIPELINE PROJECT)**

- E&I QA/QC system adaptation to BP's quality system and creation of quality documents on Go Completions/Qedi (ITPs, ITRs, turnover, IRs, procedures, skyline etc.) and to teach staff Bechtel Setroute software (SQL based E&I management software); Inspection, installation and training of ex-proof equipment. The job consists of two 120 MW compressor stations, a pressure reduction and metering station and some modification jobs in brown field where BECHTEL and ENKA is joint ventured (called BEJV) and working for the client BP (British Petroleum).

**ENKA CONSTRUCTION (ENR ranked 52<sup>nd</sup>, FORBES ranked #270/500), Sulaymaniyah, IRAQ**  
**QA/QC E&I Manager (\$500 million EPC Project, Global Best Project of 2017 by Engineering News**  
**Recod-ENR)**  
**June 2014- December 2015(SULAYMANIYAH COMBINED CYCLE PROJECT)**

- Manage and monitor E&I QA/QC team of 15 persons, create systems and subsystems for turnover process applying KKS coding, develop KPI's (Key Performance Indicator), follow quality manual and quality plan, arrange pre-job quality briefings, lead internal audits, ensuring compliance with international standards, ensuring tests and procedures are properly understood and applied, manage non-conformities(NCRs) and mitigate NCRs with root cause analysis, report to Project Manager and Corporate Quality, procedures preparation to improve the quality of site works, prepare and present E&I Quality trainings, E&I Inspection of early works with the client for adaptation of QC system, make sure ISO 9001:2008 requirements are fulfilled.
- Oversee E&I QA/QC jobs based mainly on international standards(NFPA, NEMA, ASME, IEC, IEEE); prepare and present trainings within the organization, prepare documentation for annual audits; prepare Quality Procedures for installation and calibration, prepare ITPs, ITRs, RFIs, MSs, NCRs and to manage E&I field tests; IR test, Hi-pot tests, ductor test, calibration tests, power transformers tests such as TTR, AC insulation test, FRA, capacitance test, winding resistance test etc.; guide subcontractor for changeover of Simple Cycle Gas Turbine Plant (SCGT) to Combined Cycle Gas Turbine Plant (CCGT), aiming 500MW increase in the system where BECHTEL is the designer for the whole project. The system includes; 8 HRSG units, 2 GE-C7 Steam Turbine Generator (250MW each), 2 GSU and 2 UAT Transformers(ALSTOM), 2 ACC Units (40 cells, each with 170kW engines), MCCs, 400kV Switchyard(ABB), 1 Water treatment plant, 2 MV Emergency Diesel Generators, 1 Biomass Unit, 2 Main Electrical Buildings, UPSs and battery packages, Instruments and heat trace etc.

**NUROL CONSTRUCTION and TRADING CO. INC., Baghdad, IRAQ**  
**Electrical Site Manager (ENR ranked, \$100+ million EPC Project)**  
**March 2013- June 2014(AL-SADR CITY STADIUM PROJECT)**

- As a member of Nurol Machinery and Industry(MEP Subsidiary of Nurol Construction) oversee 30,000 spectators' stadium, four-star hotel and training complex's electrical, instrumentation, communication and data projects; supplying guidance according to international standards (NFPA, IEC, IEEE, ANSI, NEMA, IBC, ISO, DIN) on technical issues and check their compatibility with FIFA standards; oversee site works, coordinate with engineering, quantity take off, preparation of progress payments, vendor coordination and working collaboratively with project management consultancy firm (PMC HILL International) and other MEP managers. As a part of MEP department, manage and guide junior MEP engineers on mechanical and electrical subjects.

**DALIN INSAAT, TURKEY**  
**Electrical Site Manager**  
**July 2008 - April 2013**

- Şanlıurfa III HV-LV(34,5 kV-380 V) Underground Electricity Erection(Illumination&Power) Project, DEDAŞ, Şanlıurfa- Site Manager

- Çermik HV-LV(34,5kV-380V) OHL(3/0AWG &1/0AWG)&Underground Electricity Erection Project (Illumination&Power), DEDAŞ, Diyarbakır- Site Manager
- Midyat IV HV-LV(34,5 kV-380 V ) Electricity Erection Project(Illumination&Power Including 3AWG, 3/0 AWG&1/0AWG OHL, PCDs, Distribution boxes, HV/LV underground distribution system etc.), DEDAŞ, Mardin- Site Manager
- Mardin City Nusaybin-Yeşilli-Ömerli Districts Fault Repair and Maintenance Project, DEDAŞ, Mardin- Coordinator Engineer.
- Midyat- Dargeçit- Savur Districts Fault Repair and Maintenance Project, DEDAŞ, Mardin-Coordinator Engineer.
- Batı Raman- Raman High Voltage Overhead Transmission Lines and Distribution
- Substations Construction Project's E&I jobs, Turkish Petroleum Corporation/Crude Oil Producing Sites (Brown field), Batman- Site Manager
- Diyarbakır Center and Central Towns Fault Repair and Maintenance Project of 1,5 million populated city, DEDAŞ, Diyarbakır-Coordinator Engineer.
- HV-LV Healing project of TEDAŞ(Turkey Electricity Distribution Company, project financed by World Bank) Afyon II, Isparta VI- Isparta VII. Isparta, Afyon-Site Manager
- Batman III HV-LV Electricity Erection Project, DEDAŞ, Batman- Site Manager
- Diyarbakır Petrol Producing Sites High Voltage Overhead Transmission Lines and Distribution Substations Construction Project's E&I jobs, Turkish Petroleum Corporation/ PERENCO Oil& Gas Producing Site(Brown field), Diyarbakır- Site Manager
- Midyat PS4 TM-TM Energy Transmission Lines of 477 MCM Project including 380kV Switchyard, TEIAS, Midyat (Mardin)- Site Manager
- Yeşilli-Ömerli Energy Conducting Lines Voltage change over from 15 kV to 34,5 kV & Dikmen TM-Akdoğan Energy Conducting Line Project, Mardin- Site Manager
- Midyat III HV-LV Electricity Erection Project, Mardin- Site Manager

## **EDUCATION**

- BUREAU VERITAS & INSTITUTO MARITIMO ESPAÑOL(IME), Spain (August 2016)  
MSc. degree, Marine Renewable Energies (Master thesis in Transmission System for Offshore Wind Power Plants). Graduation degree: Merit (8.54 / 10)
- EASTERN MEDITERRANEAN UNIVERSITY, Turkey (2008)  
Bachelor of Science, Electrical and Electronic Engineering (100% English)

## **COURSES & CERTIFICATES**

- ATEX Directory; Equipment selection, installation, and methods of protection used in possible explosive areas. CERTA, Turkey, 11.11.2016, 5-days course. Certificate no: CERTA02016260
- Hazardous Area Competency Modules (COMPEX by JTL) EX01-EX04(ATEX), ATTS, Singapore (September 7th – September 11th, 2015, 5 days of competency course. Certificate no: 50582)
- IRCA Registered ISO 9001:2008 – QMS Auditor/ Lead Auditor Completion Certificate, ESENEK (Certificate No: 14-3742), Ankara, 2015
- IRCA Registered ISO 9001:2008 – Internal Auditor Training Certificate; OHSAS 18001- Occupational Health and Safety Management System Basic Training Certificate; IRCA Registered ISO 14001- Environmental Management System Basic Training Certificate
- Professional Certificate of Competency in Power Systems Protection, EIT (Engineering Institute of Technology, AUSTRALIA, 3-months course. Student ID: 1125727)
- OSHA 30 Hour, ClickSafety (IACET authorized 30- hours safety course. ID: 36-601192394, Trainer Peter Rice: 66873)
- Residency and work permit in Spain (NIE: Y3410844G)