



# K. HENRY JOSEPH

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## Profile

"A time-served and suitably qualified **Electrical Technician** with extensive knowledge of electrical legislation, codes, and standards of practice. Experienced in installing, operations, maintaining and testing electrical systems and equipment in domestic, commercial and industrial environments. Possessing an in depth knowledge of safety procedures for both construction, International Power and maintenance projects. Now actively looking to further a successful career by working for an ambitious and expanding company".

## KEY SKILLS

- Power Generation
- Offshore PTW
- SLD & Schematics
- Lighting Equipments & systems
- Electrical Systems & Controls
- Switches & Circuit Breakers
- Generators & Transformers
- Operations & Maintenance
- Diagnosis & Troubleshooting

## AREAS OF EXPERTISE

### 1. Commissioning/ Testing

- ☑ Handling erection, testing and commissioning of large diesel power plants which are having equipments such as distribution & power transformers up to 6.3MVA, ABB make Isolators, HT/LT(11/0.415 KV) GIS Switchgear etc.
- ☑ Carrying out the Off-line and On-line scheme checks.
- ☑ Carrying out inspection and functional checks for the equipments.

### 2. Operations & Maintenance

- ☑ Planning and effecting preventive maintenance schedules of various machinery and instruments to increase machine up time and equipment reliability.
- ☑ Proactively identifying areas of obstruction/breakdowns and taking steps to rectify the equipments through application of trouble shooting tools.
- ☑ Executing cost saving and energy saving techniques/ measures and modifications to achieve substantial reduction in O&M expenditures and work within the budget.

## Work Experience

### Sabbatical Break Dec 2015 to Till Date

- ☑ Pursuing Business interest as a Self Employed, Freelancer as Electrical Contractor.

Aggreko UK Ltd, JAFZA-Dubai, UAE  
Designation: Electrician (E2)-Global Rotator

Mar 2012 To Dec 2015

**aggreko**

"Aggreko plc is a supplier of temporary power generation equipment and of temperature control equipment. It is headquartered in Glasgow, Scotland, United Kingdom. Aggreko was founded in the Netherlands by Luc Koopman in 1962. Aggreko's International Projects business operates out of Dubai from where they can supply power-plants to overseas locations."

### Roles & Responsibilities:-

- Install and repair wiring, electrical fixtures, power equipment, and components of machinery and equipment following electrical code, manuals, specifications, schematics, and single line diagrams.
- Install and repair control and distribution apparatus, including motors, relays, switches, circuit breaker and MCC Synchronisation and ATS panels, etc.
- Power plant Generator controllers - GEMPAC, SELCO, DEESEA (DSE) and POWERWIZARD 1, 2.
- Familiar with DGs AVR, CDVR, exciter, PMG, alternators, charging dynamos.
- Install and connect power supply wiring, cables, conduit, and electrical apparatus for machines and equipment in new and existing facilities following diagrams, schematics, or line diagrams.
- Installation, layout of glanding, wiring termination, loop checking switchgears, Transformers, motors, controllers and automatic transfer switch.
- Performed trouble shooting, preventive maintenance and repair of medium and high voltage transformers, switchgears, standby generators, and automatic transfer switch, ups, 12vdc Optima maintenance free Batteries, medium voltage motors controllers.
- Well versed with O&M of LV/HV switchgears, GIS, RMU, SF6 CBs, Isolators, fuse switches, protection relay systems, AC motors, MCCs, DBs, DOL, star-delta starter's and associated contactors.
- Fully accountable to perform high voltage switching operations in planned and emergency situations.
- Operation and maintenance Caterpillar electrical power generator such as C32, KTA50, QSKV60 and Stamford for Cummins engine.
- Using, maintenance, troubleshooting switchgear and transformer 11KV for electric distribution.
- Repair and recondition small components such as starting motor, alternator, etc.
- Operation, service, and maintenance Caterpillar, Olympian, Stamford, Perkins and Cummins large diesel power generators.
- Ability to work independently with minimum supervision.

- Fault finding and troubleshooting for electrical appliances and protection system.
- Maintenance and using Power Transformer for electric distribution 11MW power production.
- CT, PT, NET/NER and distribution Transformers up to 6.3MVA and all protection relays with control, alarm, metering test and calibrate as per given standards.
- Performs work requiring a thorough knowledge of electrical theory and principles, statutory codes, properties of materials and principles of operation of electrical equipment. Starts up and shuts down equipment in accordance with company safety procedures for machine activation and shutdown and in line with Safety requirements.
- Familiar with HSE, PTW, LOTO, 5S, Best Operating Procedure, LOA, IEEE systems.
- Spliced wires and soldered connections to fixtures, outlets and equipment. Tested circuit connections using electrical test equipment.

## PROJECTS

Project Details	Client	Year
Sur-Oman Opwp 77mw Power Generation	Oman Electricity	2012
Halul Island-Doha Qatar Offshore 6.5mw Power Generation	Qatar Petroleum	2013

**Exigo data services, Trichy, India**  
**Designation: Service Engineer**

**July 2011 to March 2012**



"Exigo promises to deliver innovative and value added business Process management services across the end customer life cycle. Specialized in backend Transaction processing services and Software Development (web, e-Commerce, applications and database.)"

### Roles & Responsibilities:-

- Performed full range of operation and maintenance; to include but not limited to; scheduled and unscheduled; installations, decommissioning, inspections, analysis, troubleshooting, and repairs.
- Perform monthly PMCSs of all batteries and UPS systems, to include bringing UPS systems on line (load) and taking precise measurements validating operational readiness.
- Provides equipment-operating assistance to users and technical assistance upon request.
- Maintains accountability and serviceability of assigned assets and equipment to include calibration.
- Plan, prepare and perform preventive and corrective maintenance work at office premises.

**Leighton Contracting Co LLC, Abu Dhabi, UAE**  
**Designation: Industrial Electrician**

**Dec 2008 To May 2011**



"The Habtoor Leighton Group (HLG) is one of the leading diversified international contractors in the Middle East. HLG is part of the CIMIC Group, Australia's largest project development and contracting group with annual revenues exceeding US\$24 billion. The CIMIC Group's major shareholder is HOCHTIEF AG, the world's largest international contractor."

### Roles & Responsibilities:-

- Fully Responsible to Assemble, install, test, and maintain electrical or electronic wiring, equipment, appliances, apparatus, and fixtures, using hand tools and power tools.
- Diagnose malfunctioning systems, apparatus, and components, using test equipment and hand tools, to locate the cause of a breakdown and correct the problem.
- Fully responsible for connect wires to circuit breakers, transformers, or other components. Inspect electrical systems, equipment, and components to identify hazards, defects, and the need for adjustment or repair, and to ensure compliance with codes.
- Troubleshooting of welding transformers, booster pumps, submersible pumps, potable water pumps, portable power hand tools and variable speed drives relays, ct, pt and magnetic brakes.
- Carryout planned and breakdown maintenance on electrical systems as per company's Best Operating Procedures.

**First Source Solutions (BPO), Trichy, India**  
**Designation: Customer Support Associate**

**Mar 2007 to Dec 2008**

**Emirates Neon Co LLC, Sharjah, UAE**  
**Designation: Team Leader**

**Oct 2003 to Sep 2006**

**Naga Limited-Foods, Trichy, India**  
**Designation: Shift In Charge**

**Aug 1999 to Oct 2003**

## TRAINING COMPLETION CERTIFICATIONS

Certification	Company Name	License Details	Location	Valid Till
⊗ Gas Site Safety Passport	Logic Certification	15/176811	UK	Aug 2018

✱ Certificate Of Cummins Qskv60 Gas Tech Level-2	Aggreko	NA	UAE	NA
✱ Cummins Insite Qualification	Cummins	1051243	UAE	August 2018
✱ Confined Space Entry & Gas Testing Awareness	Eurolink Safety	108717	UAE	September 2017
✱ Emergency First Aid At Work (Dcas)	Eurolink Safety	197932/515721/706385	UAE	September 2018
✱ Level 1 Fire Safety & Fire Prevention Training	Eurolink Safety	108723	UAE	September 2017
✱ Helicopter Under Water Escape Training	Venture Gulf Training Centre	5146519504071309367	QATAR	July 2017

## EDUCATION CREDENTIAL

Degree	Institution	Year
DCA(Diploma in Computer Applications)	CCI Computer Education-Trichy	2016
CAE(Certified Automation Engineering)	Technocrat automation-Chennai	2011
ITI (Industrial Trade Certificate) ELECTRICIAN	Don Bosco ITI Manakkal-Lalgudi	1999
HSC (General Machinist)	St.Joseph's HSS Trichy	1995

## TECHNICAL SKILLS

Operating System	Windows XP, 7, 8, 9x / Vista/Mac Os x
Office Packages	MS Office, MSDOS

## CORE COMPETENCIES

- ✱ Professional, Growth Oriented, Easy Adaptive and Quick Learner.
- ✱ Independent, Responsible, Hardworking and efficient in analytical complex solving issues.
- ✱ An extrovert with very good blending capabilities.
- ✱ An absolute team player with good communication skills.
- ✱ Ability to deal with a diverse range of cultures and nationalities internationally.
- ✱ Highly competent self-motivated, hard-working with the ability to rapidly learn and apply new skills.

## PERSONAL DETAILS

Name	K. Henry Joseph	Languages	Tamil, English, Hindi
Father's Name	A. Kulandai Raj	Date of Birth	31-07-1978
Sex	Male	Marital Status	Married
Nationality	Indian	Passport No	Z3272383/ECNR
Age	38	Native Place	Trichy

## DECLARATION

I (K. Henry Joseph) hereby declare that the above information given by me is true to the best of my knowledge.

Place: Trichy  
Date: Jul 17

Yours Sincerely,  
(K. Henry Joseph)