

RESUME

Mobile: 00971567582554		E-mail: Saravanan_eee22@Yahoo.com	
NAME	SARAVANAN RADHAKRISHNAN		
NATIONALITY	INDIAN		
POSITION	QA/QC Engineer		
EDUCATIONAL QUALIFICATION			
NAME OF SCHOOL/COLLEGE UNIVERSITY/INSTITUTION	QUALIFICATION CERTIFICATE/DEGREE	YEAR OF PASSING	
AAM Engineering College(Anna university), Tiruvarur, Tamilnadu, India	B.E .Bachelor of Electrical & Electronics Engineering (EEE)	April 2006	
WORK EXPERIENCE			
Name of Company	Position	From	To
Specialist Services – Dubai, UAE.	QA/QC Electrical Engineer	May 2010	Till date
Al-Osais Power Division, Saudi Arabia.	Testing & Commissioning Engineer	Jan 2009	Feb 2010
Voltech Engineering Private Ltd, Chennai, Tamil Nadu, India.	Testing & Commissioning Engineer	June 2006	Nov 2008
BRIEF JOB DESCRIPTION			
Work Experience			

SUMMARY OF EXPERIENCE

About **6.5 Years** professional experience in the field of Electrical Engineering (QA/QC) and testing commissioning of oilfield service containers and **4.0 years'** experience as a testing and commissioning engineer in power plants and substations.

- Thorough knowledge of Electrical Principles
- **Thorough knowledge in Explosion proof equipment installation and inspection.**
- Familiar in Review of Design based on Electrical standards and Specifications
- Familiar in handling of clients and third party surveyors.
- Familiar in QA/QC system.
- Familiar in making work procedures, test reports and ITP.
- Familiar in testing and commissioning

CODES & STANDARDS

Familiar with following codes and standards

- **ISO9001**
- **DNV 2-7-2**
- **BS EN 60529**
- **BS EN 50381**

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- **NORSOK**
 - **IEC 60079**
 - **ATEX Directive**

PROFESSIONAL EXPERIENCE

Electrical Engineer – QA/QC (May 2010 to Till date)

SPECIALIST SERVICES - Dubai Branch

RESPONSIBILITIES

- Health and safety.
 - Managing a team of 12 QC inspectors
 - Take leadership in assuring that electrical activities are performed safely.
 - Reviewing engineering drawings, technical specifications.
 - Preparation and Implementation of approved Quality plan / ITP as per client/ consultant procedures
 - Ensures that suppliers meet the agreed technical specifications by implementing the relevant quality checks, in coordination with the project managers and project engineers.
 - To represent the QA/QC department at all management meetings either internally or externally with Client, sub- contractors and relevant authorities.
 - Coordinating with customers, sub-contractor, supplier for providing sound technical inputs & Engineering support from conception to completion of project and sorting out project related technical issues.
 - Job profile includes checking of Electrical, instrumentation and HVAC Single Line Diagrams, load schedules, equipment's schedule, Distribution board schedule, Lighting schedules, Cable schedules, Cable tray layout, Fire detection system layout and schematic diagram based on the client specification before release to the shop floor and submission to client
 - Participating in client audit and follow up for close out of Non-conformance if any.
 - Checking of Electrical system, Combined Pressurization and Fire and Gas system(CPFG) system and Intrinsic safety circuits for wellhead buildings like MWD units, Well Testing and Acquisition Cabin(WTAC), Mud logging units, offshore accommodation buildings, A60 rated accommodation and office buildings.
 - Ensure quality inspection of all electrical, HVAC and instrumentation works at the project site for adherence to norms as laid down in the quality plan
 - Liaises with Clients about Quality matters
 - Initiates and promotes all necessary corrective actions for any failure identified with project quality system
 - Coordinating with Third Party and Client for testing and commissioning of cabins.
 - Monitors the collection of "As built" data for projects
 - Raising Non Conformance for non-conforming products, identifying root cause and proposing immediate action.
 - Issue and manages the Corrective Action Request and Preventive Action Request.
 - Manages the Company Quality Management System in compliance with applicable Quality
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Standards, Quality Policies, and Existing operating procedures.

NOTABLE ACCOMPLISHMENTS

- Performed lead role in getting IP certification for shelter unit.
- Performed lead role in IECEx and ATEX certification for A60 CE Zone-1 cabin.
- Conducted internal trainings related to ATEX/IECEx, safe installation practice etc.

Courses done:

- IECEx competency certification course(COMPEX)
- Certified Lead Auditor ISO 9001 2008
- Short term Training course on Analysis and protection of power system in AREVA T&D

MAJOR JOBS INVOLDED

- ATEX/IECEx CAT 1 Cabin
- ATEX/IECEx CAT 2 Cabin
- 2.7-2 DNV zone-1 and zone-2 cabin
- Indirect Water bath heater

MAJOR CLIENT:

Weather Ford, Schlumberger, Geoservices, Western Geco, Etisalat, Chevron, Baker Hughes, Inteq, L&T – India, Halliburton, ABB, MI SWACO

PROJECTS HANDLED IN SAUDI ARABIA

PROFESSIONAL EXPERIENCE

Electrical Testing and Commissioning Engineer

Al-Osais – Saudi Arabia

[1] Substation No # 8829, Al morooj Area, East of Unayza, Qazzim, SEC COA.

2] Substation No # 8122, Riyadh city, SEC COA.

Main Tasks

[1] Testing & Commissioning of 132/13.8 kV Substation – ABB Switchgear, Relay & Control Panel & Gas Insulated Substation.

Supportive Tasks

Testing & Commissioning of 132/13.8 kV Substation

- Tested Numerical Relays-**REJ 525 (Make – ABB), Micom P122/P120, Micom P821, Micom P923 (Make –AREVA) using FREJA 300**
- Tested Under Voltage Relay Using **FREJA 300**
- Tested Auxiliary Relays using **SVERKER(Make-ABB and AREVA)**
- Tested Vacuum Circuit Breaker (VCB).Using Breaker Analyzer.(**EGIL**)
- Contact Resistance test for Vacuum Circuit Breaker and Bus Bar using **MOM 600A(Make-ABB)**
- Tested Current Transformer for Switchgear (800-400/1Aand 3000/1A) using **CPC100**.
- Tested Meters using **CMC 256**
- Bus Bar High voltage test using **Hipot** kit.
- **13.8kV ABB** Switchgear Panels Schemes.
- **13.8kV ABB** Switchgear Panels functional.
- **132KV AREVA** LCC,Control panel,Relay panels Schemes.
- Tested Transformer turn ratio using **TTR** kit
- Tested Transformer winding resistance using **CPC100**
- Tested transformer vector group using three phase supply.
- Tested transformers other devices like oil temperature indicator(OTI), winding temperature indicator(WTI),Cooling fans, OLTC operation.
- Tested Current Transformer for GIS (300/1A, 800/1A, 1200/1A, 1600/1A, and 2000/1A) (**Make – HICO**) using **CPC100**.
- Tested Potential Transformer for GIS(Range: 132 kV/115 V **Make - HICO**). Using **CPC 100**
- Tested disconnectors and earth switches for GIS (**Make – HICO**) using **MEGGER** and **MOM 600A**.
- Tested SF6 Circuit Breaker (**Make – HICO**) Using Breaker Analyzer.(**EGIL**).

Scheme knowledge.

- High impedance Busbar protection Scheme
- Low Impedance Transformer protection Scheme
- ABB Struck protection Scheme for MV Switchgear
- Earth switch Interlocks, Breaker interlocks, Isolator interlocks
- Differential with REF with the same CT
- Etc

PROJECTS HANDLED IN INDIA

M/S VOLTECH ENGINEERS (P) LTD. CHENNAI HEAD OFFICE, INDIA.

PROJECT # 1 : 2X300 MW THERMAL POWER PLANT AT SITE CALCUTTA, INDIA.

TESTING AND COMMISSIONING OF 400 KV SWITCH YARD

PROJECT # 2 : 2x45 MW CAPITIVE POWER PLANT AT SITE JAMSHEDPUR, CALCUTTA, INDIA

TESTING AND COMMISSIONING OF 6.6KV SWITCH GEAR

PROJECT # 3 : 2X250 MW THERMAL POWER PLANT AT SITE JHARKAND, INDIA

TESTING AND COMMISSIONING OF 6.6 KV PANELS

RESPONSIBILITY :

Project Monitoring as per the contract program, collation and analysis of site data, preparation of management report for scheduled and unscheduled delays and their implication on the project cost.

Familiar with the following test equipment

- SINGLE PHASE RELAY TESTER (MAKE-SUDHARSAN)
- TRANSFORMER WINDING RESISTANCE KIT
- INSULATION RESISTANCE TESTER
- BREAKER TIMER KIT
- BREAKER CONTACT RESISTANCE KIT
- BREAKDOWN VOLTAGE KIT
- SINGLE PHASE RELAY TESTER- **SVERKER 760**. (Make- GE Energy)
- THREE PHASE RELAY TESTER-**FREJA 300**. (Make- GE Energy)
- PRIMARY CURRENT INJECTION KIT – **CPC 100** (Make-OMICRON Energy)
- CT SECONDARY VOLTAGE INJECTION KIT–CT EXCITATION TESTER (**CTER**)
- THREE PHASE RELAY TESTER-**CMC256** (Make-OMICRON Energy).
- INSULATION RESISTANCE TESTER – **MEGGER**
- BREAKER ANALYZER KIT –**EGIL**
- POWER SUPPLY UNIT –**B10E**
- PRIMARY CURRENT INJECTION KIT –**ODEN AT**

Computer knowledge:

- Auto CADD(Electrical CADD)
 - MS Office
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Personal details

Name : Saravanan.R
Father's Name : Radhakrishnan.R
Date of birth : 22-04-1983
Nationality : Indian
Languages known : English, Tamil ,Hindi
Email Id :saravanan_eee22@yahoo.com
License : Valid UAE automatic 4 wheeler license
Address : D3/2 sugar colony, N.P.K.R.R.co.op sugar mill
Thalainayar, Mayiladuthurai-609201
Tamilnadu.
Mobile :00971567582554(UAE)

OTHERS

- Managing of large projects.
- Drawing and scheme knowledge of large electrical project.

Declaration :

I hereby state that the furnished information above is correct and true to the best of my knowledge belief.

Place:

Date :

SARAVANAN RADHAKRISHNAN
