

CURRICULUM VITAE

Mandeep Singh

PASSPORT NO. **L7871519**

Job Title- Service Manager –Diesel Generator Maintenance Unit-2

SITE TECHNOLOGY LTD. CO (Power Division)

P. O.BOX # 44942. **Abu Dhabi, U.A.E.**

Mobile No. 0097150-6419437

E-mail: mandeep_singh360@yahoo.com

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Technical Qualification:

From January 2012 to April 2015

- **Bachelor in technology –Electrical** form Janardan Rai Nagar Rajasthan Vidyapeeth University in by **DISTANCE LEARNING.**

I have studied following Major subject during the course:-

Electrical machines, Signal and networking, Digital Electronics, Thermodynamics, Electrical Measurements, Analog Electronic circuit, Power System, advances Electrical Machines, Control System, Digital Signal Processor, Industrial Economics and Management, Microprocessor, Switchgear & Protection, EHV Transmission, Communication Engineering, Utilization of electrical power, Machine Drive, Design & Estimation of Electrical system

From 06 August 2001 to 31st May 2004

- Three year **Diploma in Electrical Engineering** from Maher Chan Polytechnic Jalandhar, by Punjab state board of technical education and industrial training (Punjab, India). **Regular.**

I have studied following Major subject during the course:-

Engineering Drawing, Workshop practice, Electrical Engineering Material, Electrical Sciences, Electrical Engineering Drawing,, Information technology, Basic Electronic, General Engineering and Fabrication Techniques, Electrical Measurements, Electrical Machine II, Electronic Devices & Circuit, Industrial Management, Electrical-Transmission & Distribution, Utilization of Electrical Energy, Power Electronics, Electrical power II, Instrumentation, Electrical Estimating & Costing.

PROFESSIONAL EXPERIENCE

(1) From 1st April 2015 to till the date

Working as **Service Manager- Generator Maintenance Unit**

M/s Site Technology Ltd. Co. Abu Dhabi U.A.E.(www.site-technology.com)

Department : **Power Division-** Generator Supply & Maintenance unit

Timing: - 9 hours for 5 days in a week total 45 hours.

A leading company in U.A.E. For Maintenance, Supply & Maintenance of Generator, UPS, Power convertor, Industrial charger.

NATURE OF JOB

- ❖ Leading and Managing the team of 2 Nos. Project/Service Engineer, 3 Nos. Assistant Engineer, 14 Nos. of Generator operators.
- ❖ Prepare and follow up Weekly, Monthly and yearly maintenance schedule and also following up daily maintenance activities.
- ❖ Maintaining work request, work order.
- ❖ Responsible for developing work plan. Determining needed resources.
- ❖ Managing various projects; continuous reviewing of projects' status.
- ❖ Building client partnership; involves working jointly with the client.
- ❖ Troubleshooting major electrical faults.
- ❖ Technical support for Sales team & installation team.
- ❖ Analyzing the service reports, prepared by site technicians.
- ❖ Prepare maintenance standards and schedule for junior level technicians.
- ❖ Preparing the quotation for maintenance contracts.
- ❖ Preparing the costing for new maintenance contract orders.
- ❖ Preparing training schedule for mechanical and electrical maintenance technicians.

- ❖ Planning of Preventive maintenance of Electrical Generators, Low Voltage panels, automatic transfer switches and synchronization panels.
- ❖ Maintaining records of all shutdown plans and job plans.
- ❖ Ensuring compliance with the provisions of the occupational health and safety act and regulations at all the time and create, maintain and foster a safe work environment at all time.
- ❖ Regularly inspection own immediate work environment and report all hazards or incident that can cause harm or that represent a threat to public safety.
- ❖ To Improve work force productivity and quality by anticipating and eliminating potential delay through planning, scheduling and coordinating of maintenance resource, parts material and equipment access.
- ❖ Detail Job Planning, researching, scoping of work, estimating of material and labor internal and external job requirements developing task instruction, identifying tool and equipment requirement, developing job material lists.
- ❖ Standard job plan developing, coordination with operation, purchasing material, management, Maintenance personal and maintenance management.
- ❖ Hiring the staff and induction training.
- ❖ Preparing the quotations for maintenance contract and submitting tender as required for Government departments.
- ❖ Participating in online tendering process for many Government authorities.

I used the following measurement tools:-

- Clamp meter for measuring the load current of Diesel Generators and electrical devices.
- Digital multi meter for voltage testing in AC and DC circuit.
- Insulation tester for measuring the strength of the winding and power cables.
- Digital soldering station to repair electronic cards and other Electrical and electronic devices.
- Magger and earth tester
- Power cable cutter, cramping tool, milliohm meter.
- Power analyzer.

- Load bank – Inductive, resistive and capacitive.

Documentation and data recording:-

- Data collecting, recording and analysis as per requirement for any improvement projects.
- Root cause analysis of repetitive problems and solving them with sustainable actions.
- Collecting with other department for maintenance schedule of machine and equipments.

Coordinating with purchase to procure the material locally and internationally.

(2) **Period of Employment:** From 1st July 2008 to March 2015

Designation: - Projects Engineer- Generator Maintenance Unit

Timing: - 9 hours for 5 days in a week total 45 hours.

M/s Site Technology Ltd.Co. Abu Dhabi U.A.E. (www.site-technology.com)
A leading company in U.A.E. For Maintenance, Supply & Maintenance of Generator, UPS, Power convertor, Industrial charger etc.

NATURE OF JOB

- ❖ Leading the team of 2 Nos. Assistant Engineer, 14 Nos. of Generator operators.
- ❖ Prepare and follow up Weekly, Monthly and yearly maintenance schedule and also following up daily maintenance activities.
- ❖ Conducting site inspection of new maintenance projects.
- ❖ Predicting maintenance needs, operational risks and possible system faults.
- ❖ Arranging preventive maintenance schedule for the mechanical and electrical technicians to carry out no load test and load testing of Generators.
- ❖ Conducting inspection for housekeeping of all Diesel Electrical generator sets to check battery charger status and hydrometer battery water testing if lubrication oil, water jacket heaters operation and to keep logs and records of all operation parameters.

- ❖ Responsible for developing work plan. Determining needed resources.
- ❖ Managing various projects; continuous reviewing of projects' status.
- ❖ Building client partnership; involves working jointly with the client.
- ❖ Troubleshooting major electrical faults.
- ❖ Technical support for Sales team & installation team.
- ❖ Analyzing the service reports, prepared by site technicians.
- ❖ Prepare maintenance standards and schedule for junior level technicians.
- ❖ Preparing the quotation for maintenance contracts.
- ❖ Preparing the costing for new maintenance contract orders.
- ❖ Conducting all the Safeties Test of New Generators.
- ❖ Troubleshooting and Maintenance Genset Control Panels & Synchronizing Panels.
- ❖ Conducting the load test of New Generators up to 1500 KVA Capacity.
- ❖ Modification & Rewiring of AMF Panels installed in Etisalat.
- ❖ Preparing the wiring drawing in **AUTO CAD** for modified Control panels.
- ❖ Maintenance of Base Load Generators at Nine Islands of U.A.E. Defense.
- ❖ Troubleshooting and Maintenance of **Caterpillar, Cummins, Perkins & Deutz** Generators.
- ❖ Programming & configuration of various controllers like **ComAp, Deep Sea, and Power Wizard & Caterpillar** AMF Controllers.
- ❖ Replacement of AVR, Rectifier Plate & Diodes.

I used the following measurement tools:-

- Clamp meter for measuring the load current of Diesel Generators and electrical devices.
- Digital multi meter for voltage testing in AC and DC circuit.
- Insulation tester for measuring the strength of the winding and power cables.
- Digital soldering station to repair electronic cards and other Electrical and electronic devices.
- Magger and earth tester
- Power cable cutter, cramping tool, milliohm meter.

- Power Analyzer.
- Load bank – Inductive, resistive and capacitive.

Documentation and data recording:-

- Root cause analysis of repetitive problems and solving them with sustainable actions.
- Collecting with other department for maintenance schedule of machine and equipments.
- Coordinating with purchase to procure the material locally and internationally.

(3) From 1st May 2006 to July 2008

Working as Service Engineer- Generator Maintenance Unit

Timing: - 9 hours for 5 days in a week total 45 hours.

M/s Site Technology Ltd.Co. Abu Dhabi U.A.E.

A leading company in U.A.E. For Maintenance, Supply & Maintenance of Generator, UPS, Power convertor, Industrial charger.

NATURE OF JOB

- ❖ Conducting all the Safeties Test of New Generators.
- ❖ Troubleshooting and Maintenance **Genset Control Panels & Synchronizing Panels.**
- ❖ Conducting the load test of New Generators up to 1500 KVA Capacity.
- ❖ Modification & Rewiring of AMF Panels installed in Etisalat.
- ❖ Preparing the wiring drawing in **AUTO CAD** for modified Control panels.
- ❖ Maintenance of Base Load Generators at Nine Islands of U.A.E. Defense.
- ❖ Troubleshooting and Maintenance of **Caterpillar, Cummins, Perkins & Deutz** Generators.

- ❖ Programming & configuration of various controllers like **ComAp, Deep Sea, and Power Wizard & Caterpillar** AMF Controllers.
- ❖ Replacement of AVR, Rectifier Plate & Diodes.
- ❖ Installation & Commissioning of New Generators.
- ❖ Preparing the layout of generator room.
- ❖ Preparing as built drawing as finalized at site.
- ❖ Operation & maintenance training to the operation staff of client.

I used the following measurement tools:-

- Clamp meter for measuring the load current of Diesel Generators and electrical devices.
- Digital multi meter for voltage testing in AC and DC circuit.
- Insulation tester for measuring the strength of the winding and power cables.
- Digital soldering station to repair electronic cards and other Electrical and electronic devices.
- Magger and earth tester
- Power cable cutter, cramping tool, milliohm meter.
- Power Analyzer.
- Load bank – Inductive, resistive and capacitive.

Documentation and data recording:-

- Root cause analysis of repetitive problems and solving them with sustainable actions.
- Collecting with other department for maintenance schedule of machine and equipments.
- ❖ Coordinating with purchase to procure the material locally and internationally.

REFERENCE AT SITE TECHNOLOGY LTD. CO.

(a) Mr. Elie Roukoz (Operation Manager)

e.roukoz@site-technology.com

Mob. No. 0097150-6676533

Landline No. 009712 6576890

(b) Antoine Hanin (General Manager- Power Division)

Mob. No. 0097150 6156685

Landline No. 009712 6346900

- (4) **From 1st April 2005 to Dec. 2005**
worked as **Trainee Electrical Engineer** at M/s **Caysee Diesel Pvt. Ltd.**
Ludhiana, Punjab, INDIA.

NATURE OF JOB

- ❖ Preventive maintenance of Diesel Generator for deferent location of Punjab province under maintenance contract such Reliance Petro, ICICI Banks, HDFC Banks and other private clients.
- ❖ Troubleshooting of various types of Electrical Control Panels and AMF Panels.
- ❖ Control & Power Wiring of Electrical Control & L.V panels.
- ❖ Examines the wiring drawing for modification of Control panels.
- ❖ Troubleshooting of electrical control panels and AMF panel problems (auto mains failure).
- ❖ Reviewing the warranty claims and inspection of under warranty breakdowns.
- ❖ Troubleshooting of Synchronizing control panels.
- ❖ Wiring of relay logic control panels.
- ❖ Testing of control panels with the help of senior Engineers
- ❖ Installation of the Cable trays & trucking's for cable laying.

TRAINING

- One month training for Electrical Control Panel Wiring during Diploma course from M/s Jandu Engineers. Ludhiana.
- **45 days full time training** course (Low HP engine) attained, conducted by **Cummins (I) Ltd., at Delhi (India).**
- One Week Special training of Customer Care. One Week training of power Command control & latest Designed panels Conducted by Cummins Sales & Service (I) Ltd., in Delhi (India).
- One week special training from **Newage Electrical (I) Ltd. (Stamford).** Maharashtra (India)
- Two days special training on Deep-Sea 5000 Series controller conducted by **Deep See Electronics U.K.**
- Two days special training on Maccalte alternator for application, troubleshooting & repair conducted by **M/s Meccalte U.K.**
- Trained by **M/s Power Co International system Ltd. UK** for their Generators Application, testing, installation and commissioning with different Engine & alternator.
- Two days special training by **Perkins UK** at their Dubai office for Genset Application on **4000 series Engine.**
- Two days special training on **ComAp controller** conducted by Pelican Generators U.K. with collaborated with ComAp Electronics.

Personal Details

Date of birth	:	01-01-1983
Nationality	:	Indian
Religion	:	Sikh
Marital Status	:	Married
Languages Known	:	English, Hindi, and Punjabi.
UAE Driving Licenses:		Valid up to 2019 (Light Vehicle)

Strength

An efficient and analytic person with the proven ability to meet the dead lines.
Always looking to meet the new challenges in the day-by-day field jobs.
Excellent tolerance and attitude to be a good team member
Proven ability to solve the problems under critical situations

Objective

My ambition is to be the part of a reputed organization to increase my technical knowledge, and share my experiences for the progress of the organization.

Date.....

Mandeep Singh