

BIO - DATA

MANIKANDAN BALASUBRAMANIAN
No 76 1A/1B, Thaif Nagar, Opposite
John Heaven City, Melakarungulam
Melapalayam - 627005
Tirunelveli, india
Mobile : +96891540870 (oman)
+9193218759344 (india)
E-Mail: Manikandan.92.dme@gmail.com

OBJECTIVES :

To pursue a challenging career in the corporate field, where I can leverage my past experience and skills to grow along with the company while being resourceful, innovative and flexible.

EDUCATION PROFILE :

- Currently studying in **Mechanical Engg** at institute of mumbai (**part time**)
- **3 Years Diploma in mechanical engineering** at Sankar institute of polytechnic **2011**, Tirunelveli, India.
- **Secondary school** at St. Thomas higher secondary school **2018**, Tirunelveli, India.

WORKING EXPERIENCE :

11 Years 6 Months in **Container Terminal and General Cargo Terminal port field** And **6 Months** in Cummins engine.

Presently working in **Port Of Salalah oman** From **May 2016**.

DESIGNATION : Crane Mechanical
Engineering Department.

EMPLOYER : Port Of Salalah - Salalah Port
Service co (**S.A.O.G**)

Company profile :

Port Of Salalah is operating container terminal of Salalah port services and having **25** Super Post Panamax **STS**, **76** Rubber Tyre Gandry cranes **RTG** ,**2 Gottwald** and **2 Fantuzzi** and **3 Liebherr** types of Mobile Harbour Cranes.

JOB PROFILE :

Crane Mechanical – Engineering

Responsibilities & Nature of Work :

- Preventive and Corrective Maintenance of container handling equipments such as ZPMC and IHI Quay Cranes ,ZPMC & MITUSUI-PACECO and NOELL Rubber Tyre Gandry Cranes,KONE Empty Container Handler,KONE & FANTUZZI Reach Strackers, Heavy Fork Lifts, Trucks and Trailers.
- Maintenance of cargo handling equipments such as **LIEBHERR** and **GOTTWALD** more familiar in this type of cranes also experienced in all kind of preventive and corrective maintenance and fault findings
- Corrective Maintenance and all Preventive Maintenance services in CUMMINS QSX15-G7,KTA19-G3,DEUTZ Engine.
- Preventive maintenance and Corrective maintenance of RAM,BROMMA and ZPMC single lift, twin lift and over height spreaders.
- Preventive maintenance and Corrective Maintenance of ALIMAK AND ZPMC Elevators.
- Being a leading professional trouble shooting in all BEBENZER,HILLMAR and ZPMC breaks.
- Fault finding of all thruster breaks ,emergency breaks and wheel breaks.
- Fault finding of VIKERS and REXTOTH hydraulic valves and hydraulic pumps,cylinder etc.,.

- Experienced in repair works of all ZPMC make gear boxes of hoist,trolley and boom system.
- Experienced in all ZPMC and IHI cranes wire rope changes of hoist,trolley, boom and catenary trolley system.
- Experienced in all QC trolley wheel alignment and rope sheaves changes.
- Trouble shooting in QC TLS, Rope Tensioner, Rail Breaks, Wheel Turn Power Pack system.

SKILLS :

STRUCTURAL INSPECTION :

- The structural inspection of all ZPMC QC,RTG and Mobile Harbour Crane,Empty Container Handler,Reach Strackers,
- The inspection for fatigue cracks shall always include Visual Testing (VT) and may incorporate non- destructive testing methods, i.e., Magnetic Particle Testing(MT) or Ultrasonic Testing (UT).
- Co-ordinate with ZPMC Chinese people to doing inspection time remove the paint partical and check the UT and MT inspection.
- Cabin Refurbishment in all ZPMC QC
- Elevator Refurbishment in all ZPMC and ALIMAK Elevator.

2. COMPANY NAME : Viom Networks Pvt.Ltd..

Designation : Site Engineer Mechanical

Period : Jan 2016 to May 2016

Job Profile :

Having experience in **kirlosker & cummins** engine and over all maintenance and fault finding and also maintaining and monitoring the tower control site.

Responsibilities :

- Planning and scheduling the preventive maintenance in cummins & Kirloskar engine according to the site.
- Planning to allocate the people on the separate work site and conduct the safety procedure of diesel generator.
- Day to day monitoring engine breakdown and Tracking daily breakdowns and analysis the cause. Works towards the improvement of engine efficiency.
- Raise the purchase request of required spares and engine accessories to avoid downtime of equipment.

**3. COMPANY NAME : Chennai International Terminal Pvt Ltd.
Port Of Singapore Authority.**

Designation : Technician

Period : june 2011 to Nov 2015

Job Profile :

Having experience in Harbor cranes such as container handling **ZPMC**, **Doosan**, made Rail Mounted Quay Cranes (**RMQC**), Rubber Tyre Gantry Crane (**RTGC**) and Reach Strackers (**RS**), Empty Container Handler (**ECH**). Fork Lifts (**FLT**).

Responsibilities :

- Planning and scheduling the Preventive maintenance of cranes according to availability of Equipments.
- Coordinate with technician people if any major corrective maintenance of cranes.
- Every day conduct the safety toolbox meeting in engineering department.
- Day to day monitoring equipment breakdown and follow-ups. Scheduled and planning wire rope changes in quay crane, RTG crane Works towards the improvement of equipment efficiency.
- Raise the purchase request of required spares to avoid downtime of equipment.

Skills :

- Experience in all kinds of rope replacement and alignment in equipments.
- Experienced in bearing replacement in trolley, gantry wheels and all kinds of sheaves.
- Experienced in repair works of ZPMC make and DONG KYUNG Reducers.
- Experienced in repair works of Hydro mechanical and electro mechanical brakes.
- Experience of Troubleshooting in QC TLS, Rail brake, Rope tensioner. RTG Wheel turn Emergency brake hydraulic circuits.
- Experience in QC and RTG Trolley wheel alignments.
- Experience in preventive and corrective maintenance in ZPMC and RAM made single lift, RAM twin lift, over height spreaders.
- Experience in maintenance and trouble shooting of Cummins QSX-15 ECM Engine.

JOB PROFILE :

- Four stroke diesel engine(CUMMINS),

- Alternator,
- Thruster brakes,
- Reducers,
- Rope changing in cranes,
- Fork lift operating and maintenance,
- material handling equipments,
- All AC motor maintenance(YASHKAWA),
- maintenance of power supply.
- Sub-station breaks downs & maintenance,
- Preventive maintenance in Mechanical and Electrical,
- Mechanical breakdowns,
- Electrical breakdowns,
- Trouble shooting in all hydraulic system.

JOB DESCRIPTION :

ELECTRONIC OVERHEAD TROLLEY(E.O.T)

- *Maintenance in hoist,trolley,gantry system*
- All preventive maintenance in e.o.t
- Trouble shoot in electrical & mechanical fault
- All corrective maintenance
- Wire rope change in e.o.t
- E.O.T handling capacity in maximum **10** ton
- All fault finding

ENGINE:

- I'm working in **QSX15-G7** model engine,
- All preventive maintenance in engine,
- Attending trouble shooting in engine.

ALTERNATOR:

- I'm working **HC-1634G2** this type of alternator,
- All preventive maintenance,
- Attending trouble shooting.

BRAKE :

- This is thruster brake and disc type,
- I'm working in **SB28,23,14.1,8.11** model brake,
- Adjusting brake settings,
- All preventive maintenance,
- Attending trouble shooting.

REDUCERS (GEAR BOX) :

- All preventive maintenance,
- Attending trouble shooting.

KEY SKILLS:

1. **Diesel engine.**
2. **Thruster brake**

Computer proficiency:

- MS OFFICE, MS WORD, MS EXEL, POWER POINT
- AUTO CAD, CNC MILLING.

Communicable instruments:

To Speak : English and Tamil

To write : English and Tamil

To Speak : Hindi

Co-curricular activities and Hobbies:

Organizing various cultural & Technical activities

Listening to Music.

Playing Cricket.

Personal Data :

Date of Birth : 25.12.1992

Sex : male

Nationality : Indian

Marital Status : Single

Declaration:

I hereby declare that the given particulars are true to the best of my knowledge, and belief. Being the person with the determination to succeed, I am sure that I will be able to contribute my best to the growth of the organization.

Place : OMAN

DATE :

(B.MANIKANDAN).