

JIGAR PATEL

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Current Organization:

- Organization – ADANI PORTS AND SEZ LTD, MUNDRA,INDIA.
- Designation – Senior Engineer
- Department- Plant Maintenance

Career Highlights:

- Over 7 years of experience in field of operations and support management
- Shutdown planning and allocation of manpower and coordinating with vendors/internal department for shutdown.
- Involvement during Maintenance of container handling equipments(RTGs,QCs,RSTs), electrical switchgear, transformers, various diesel engines, PCC, MCC, HT panels, GIS (Gas insulated systems), different types of relays.
- Fault finding and rectification of Instrumentation and control software like Simatic, starter, drive monitor, ABB scada portal, Automation builder, Terminal operating system, Navis, MICREX-SX(fuji)
- Worked closely with Instrumentation vendors on periodic maintenance and calibration.
- Involved in documentation of operating manuals for various Instruments also made various standard operating procedure for container handling equipment.
- Developed and maintained Cross-functional relationships with Internal Departments, also linked up other department maintenance with operation department.
- Organized and participated in various cultural and wellness/safety events on site.
- Presentation skills: Root cause analysis, crane breakdown reports, Crane availability/reliability, Power consumption,MIS reports.
- Handling,Troubleshooting,Fault finding of Wi-Fi networking systems, CCTV camera networks and UPS supply systems for Ethernet switches, Wi-Fi network routers.
- Open to new & challenging activities, Quick implementation of instructions, Self-motivator with a go-getting attitude, Patient & Good Listener.
- Work closely with the concerned managerial and administrative staff and make strategies for meeting the work schedules at the required timeline.

Senior Engineer - ADANI Ports LTD.

March'2012 – November'2017

Key Responsibilities:

- 1) **Key role area:** Monitor expanses and avoid losses in allocated shift.

Objectives: Create a Sustainable and Suitable Engineering Practices to Achieve Superior Financial results for Container Business.

Perspective: Financial.

Key performance indicator:

- Maintain power factor to reduce power losses.
- Monitor the Maintenance activities to prevent damages or Losses of material.

- 2) **Key role area:** Achieve Targeted availability and Reliability for Related Equipments.
Objectives: Compliance To Service level Agreement with Business.
Perspective: Customer
Key performance indicator:
- Crane Availability
 - Reliability for Cranes
 - Resolution of Operational Defects
- 3) **Key role area:** to develop a process oriented culture and monitor the processes to prevent deviation
Objectives: Adherence to Processes.
Perspective: Internal process.
Key performance indicator:
- PM adherence for Related Equipments.
 - Root Cause Analysis for Related Equipment
 - Adherence to IMS guidelines and Statutory Requirements.
- 4) **Key role area:** to Identify and initiate productive measures.
Objectives: Continuous Improvements
Perspective: Organization transformation and Change.
Key performance indicator:
- Modifications and Improvements
 - Identification and resolution of Repetitive Failures / Stoppage / Break Downs.

Support Engineer - Shah alloys LTD.

Feb'2010 – March'2012

Key Responsibilities:

- Maintenance of induction furnace, ARC furnace, AOD machine, Caster machine for making various steel processes.
- Handling Ethernet LAN network for communication of PLC and SCADA software.
- Also handle such Protocols like serial communication, fiber optic cable, profibus network, HART network.
- Modification and updating of PLC program, Software of PLCs and scada as per requirement.

Academic Credentials:

- Bachelors in Instrumentation and control
L D collage of Engineering, Gujarat University-May 2005-May 2009.

Computer Proficiency:

- Programming languages: C, C++, Visual basic
 - Other software: Microsoft Office, SCADA
 - Operating systems: Windows XP, Windows Vista, Windows 7, Macintosh.
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