

Mubashar Ahmed

E&I Superintendent
Mobile: +971-55-8562385
Current Address: MBZ City, Abu Dhabi, UAE
Email: mubashar.ahmed626@gmail.com
UAE Driving License: Yes
Skype id: mubashar4730

E&I SUPERINTENDENT

Over Eighteen years of experience with a proven track record in progressively responsible positions, offering a unique combination of Maintenance, Planning, Development, Reliability and Project Management experience on a variety of plants including provision of Technical Support and Commissioning. Accomplished team leader/player adept at developing and guiding multicultural teams to deliver top performance, competently handle multiple assignments while maintaining the highest emphasis on quality and safety. Areas of expertise include:

- Maintenance Development
- Maintenance Planning
- Maintenance Management
- Shutdown Planning
- Root cause Analysis
- Engineering Management
- Project Management
- Contract Management
- Management of Spare Parts
- OPEX and CAPEX Planning
- Maintenance Reliability and troubleshooting

A team player who constantly strives to improve performance through training and motivation of personnel. I am self-motivated, totally reliable, and ambitious, and have a great knowledge of regulations and regulatory requirements within the Power plants, Boilers, Refinery and Petrochemical environments. Good working knowledge and understanding of relevant codes/standards including ANSI, ASME, IEEE, API, NEMA, NFPA, NACE, IEC and NEC. I can read and understand the drawings like P&ID, Isometrics, GA, cross sectional drawings, HV/MV single line diagrams, control wiring diagrams and other engineering drawings

Other than plant maintenance I have handled multiple greenfield and brownfield projects as focal point for the projects. Independently handling the projects from design phase till commissioning/startup phase.

PROFESSIONAL EXPERIENCE

E&I Superintendent
Ittihad International Investment — January 2021 onwards
ICAD 2, Musaffah, Abu Dhabi, U.A.E.

Leading the E&I Maintenance team, my responsibilities are as given below

- Lead and manage the effective implementation of maintenance plans in liaison with the discipline engineers and operations team across all the assets and equipment within set timelines and budget to facilitate uninterrupted operations
- Manage the timely response to all emergency breakdowns and provide prompt corrective action to ensure plant availability, thereby minimizing downtime and improve the runnability and efficiency of the machines
- Looking after the overall Maintenance (Preventive, Predictive and corrective) and Shutdown Planning
- Daily/weekly/monthly meetings with operations department and other stake holders to ensure the smooth run of the plant, discuss the priority of the jobs and planning the upcoming activities and shutdowns
- Preparing the Root Cause Analysis and fixing the major issues
- Benchmarking of annual reliability, efficiency, and control of maintenance costs
- Responsible to manage the required inventories and resources in efficient manner
- Development of CMMS (SAP) including task plans, routes, and equipment frequencies
- CAPEX and OPEX budgets planning/preparation and execution
- Responsible for project works from design phase, procurement scoping the work and commissioning/startup.
- Good hands on experience on equipment's like ABB drives (ACS800,880), Siemens drives (MM440), DCS, PLC, SCADA, UPS, Battery chargers, LV/MV Switchgears (11KV-33KV), Transformers(11KV-33KV), LV/MV motors upto 2.6MW
- Hand on working experience of troubleshooting and maintenance of equipment's like centrifugal loading pumps, positive displacement pumps and mechanical valves, actuators, screw compressors.
- Leading, managing, coaching, and facilitating a multi-discipline maintenance team comprising Staff, crafts, and contractors to provide an efficient, effective, and economic maintenance service to ensure process plants and facilities on production units are suitable for safe and reliable operation to meet the business objectives.
- Responsible to prepare various KPI reports indicating the work order status and highlighting the areas of concerns, areas of improvement and potential risks
- Responsible to successfully manage internal and external audits
- Ensuring integrity, reliability, and availability of facilities to meet business needs.
- Provides technical advice on the condition and integrity of plant equipment, support reliability teams to ensure sustainable improvement to asset performance and integrity and implement strategies for improvement of maintenance effectiveness and cost levels.
- Select, coach, and develop staff with the aim to identify and close knowledge/skill gaps.

- Giving HSSE matters high profile to create a safe and healthy working environment for staff and contractors and ensure compliance with HSSE MS, legislation, ISO9001, ISO14001 and ISO-45001-2018 requirements.

Maintenance, Development and Reliability Engineer (E&I)

Valmet Process Technologies March-2019 to Dec-2020
ICAD 2, Musaffah, Abu Dhabi, U.A.E.

Responsible for development of CMMS maintenance system and Reliability, Projects, and my other responsibilities were given as under,

- Development of CMMS maintenance system including task plans, maintenance frequencies and routes
- Benchmarking of annual reliability, efficiency, and costs
- Responsible to prepare root cause analysis and fixing the major issues
- CAPEX and OPEX budgets planning/preparation and execution
- Ensuring integrity, reliability, and availability of facilities to meet business needs.
- Support Routine Maintenance for the facilities in the area to deliver cost, duration, safety, and quality targets.
- Provides technical advice on the condition and integrity of plant equipment, support reliability teams to ensure sustainable improvement to asset performance and integrity and implement strategies for improvement of maintenance effectiveness and cost levels.
- Supporting the overall Maintenance (Preventive and corrective) and Shutdown Planning
- Responsible for project works from design phase, procurement scoping the work and commissioning/startup.
- Good hands on experience on Valmet DNA system, QMS system, WEM, RM3, Consistency transmitters Siemens S7-300/S7-400, Honeywell QCS system and ABB DCS
- Good hands on experience on field instrumentation like PID loops, PT, LT, TT,FT and others
- Good hand on experience on ABB drives (ACS800,880), Siemens drives (MM440), UPS, Battery chargers, LV/MV Switchgears, LV/MV motors
- Responsible to manage the required inventories and resources in efficient manner
- Daily/weekly/monthly meetings with operations department and other stake holders to ensure the smooth run of the plant, discuss the priority of the jobs and to plan the upcoming activities.
- Leading, managing, coaching and facilitating a multi-discipline maintenance team comprising Staff, crafts and contractors to provide an efficient, effective and economic maintenance service to ensure process plants and facilities on production units are suitable for safe and reliable operation to meet the business objectives.
- Responsible to prepare various KPI reports indicating the work order status and highlighting the areas of concerns, areas of improvement and potential risks
- Select, coach, and develop staff with the aim to identify and close knowledge/skill gaps.
- Giving HSSE matters high profile to create a safe and healthy working environment for staff and contractors and ensure compliance with HSSE MS, legislation, ISO9001, ISO14001 and OSHAS 18001 requirements.

Lead Maintenance and Projects Engineer

Gulf Refining Company, Puma Energy company. April 2015 to August 2018
Refinery and Oil storage terminal
Jebel Ali Free Zone, Dubai, U.A.E.

Leading the Maintenance and Projects team, Reporting to General Manager, Responsible for Maintenance/Projects (Electrical, Instrument Mechanical and civil) and for ongoing projects from design phase to construction, commissioning and start up.

- Responsible for overall Maintenance (Preventive and predictive) and Shutdown Planning.
- Working as focal person for ongoing projects from basic engineering, designing, HAZOP study, EIA/RA study, procurement, Erection, commissioning and start up.
- Responsible for projects activities from design phase, verification of the design, installation, procurement, commissioning and startups.
- Computerized Maintenance management (MAXIMO & Navision TAG)
- Preparation of daily and weekly maintenance schedules.
- Daily meeting with operations department to ensure the smooth run of the plant, discuss the priority of the jobs and to update them accordingly.
- Leading, managing, coaching and facilitating a multi-discipline maintenance team comprising Staff, crafts and contractors to provide an efficient, effective and economic maintenance service to ensure process plants and facilities on production units are suitable for safe and reliable operation to meet the business objectives.
- Responsible for the maintenance of Allen Bradley Micro LOGIX 1500, Fire alarm, Foam system, gas detection system, deluge valve system and ESD system.
- Hand on working experience on electrical equipment's like UPS, Battery banks, Breakers, LV/MV Switchgears, Protection relays and control panels.
- Hand on working experience of troubleshooting and maintenance of equipment's like centrifugal loading pumps, positive displacement pumps and mechanical valves, actuators, screw compressors.
- Hand on working experience of troubleshooting and maintenance Jetty facilities like loading arms and mooring hooks.
- Supervision of ongoing projects from basic engineering, designing, HAZOP study, EIA/RA study, procurement, Erection, commissioning and start up.
- Responsible for projects activities from design phase, procurement, commissioning and startups.
- Ensuring integrity, reliability and availability of facilities to meet business needs.
- Support Routine Maintenance for the facilities in the area to deliver cost, duration, safety and quality targets.
- Responsible for the maintenance of Tank Farm-1 &2 facilities ,Jettys, LPG, Sphere, Pipelines, Loading skids, and Butane injection system
- Provides technical advice on the condition and integrity of plant equipment, support reliability teams to ensure sustainable improvement to asset performance and integrity and implement strategies for improvement of maintenance effectiveness and cost levels.
- Select, coach and develop staff with the aim to identify and close knowledge/skill gaps.
- Ensure quality of execution and to avoid / minimize repeat failures and reworks in maintenance

- Giving HSSE matters high profile to create a safe and healthy working environment for staff and contractors and ensure compliance with HSSE MS, legislation, ISO9001, ISO14001 and OSHAS 18001 requirements.

Maintenance and Projects Engineer (E&I)
Gulf Refining Company, Puma Energy Company. March-2013 to March-2015
Refinery and oil storage terminal
Jebel Ali Free Zone, Dubai, U.A.E.

Reporting to the Maintenance Manager, my main responsibilities and expertise were described as below,

- Responsible for Maintenance and shutdown planning related to E&I
- Prepare the monthly KPI report mentioning the work order statistics with manpower usage.
- Daily meeting with operations department to ensure the smooth run of the plant, discuss the priority of the jobs and to update them accordingly.
- Make purchase requisitions for the materials and manage maintenance related warehouse inventory.
- Preparing the FMEA reports from the CMMS system to increase the efficiency and performance of the equipment.
- Supervision of ongoing projects from basic engineering, designing, HAZOP study, EIA/RA study, procurement, Erection, commissioning and start up.
- Follow the permit to work (PTW) system to carry out the maintenance jobs.
- Assured the safety of personnel and equipment through compliance with Health, Safety & Environment regulations and maintained the attitude that all accidents are preventable.
- Involved in risk assessment study and tool box talks for the maintenance works.
- Hand on working experience of troubleshooting and maintenance on ENRAF level Gauges, ROTORK motorized valves.
- Hand on working experience of troubleshooting and maintenance on SIMATIC S7-400, S7-300, HIMA H51 PLC, Allen Bradley Micro LOGIX 1500 through logic as well as from hardware.
- Hand on working experience of troubleshooting and maintenance on Fire alarm, Foam system, gas detection system, deluge valve system and mainly on ESD system.
- Hand on working experience on electrical equipment's like UPS, Battery banks, Breakers, LV/MV Switchgears, Protection relays and control panels.
- Hand on working experience of troubleshooting and maintenance of CATHODIC protection system of underground pipelines.
- Hand on working experience of troubleshooting and maintenance on AC & DC drives of ABB ACS 800, DCS800.
- Involved in erection and commissioning of the drives and control the drives though different type of communication like PROFIBUS, FIBRE Optic and hardwired.
- Preparation and implementation of OPEX and CAPEX budgets.
- Preparing, pre engineering and scheduling of minor/major shutdowns.
- Drawings, specifications, SLD, P&ID etc.

Electrical & Instrument Engineer
Paper Mill and Power Plants, Packages Limited. **Feb 2012 to Feb 2013**
Punjab, Pakistan

Reporting to the Maintenance Manager, my main responsibilities and expertise were given as below,

- Overall responsible of maintenance activities, including routine, preventive and predictive maintenance.

- Ensured that the required maintenance work was resourced and completed in accordance with job schedules, agreed practices, planned periods and safety policies.
- Prepare daily/weekly maintenance schedules for Electrical and Instrument jobs by keeping view of priority and manpower availability.
- Keep tracking the work orders in the system and continuously monitor the backlog.
- Close the work orders on timely basis with appropriate failure reports.
- Hand on working experience of troubleshooting and maintenance of Plant control loops & interlocking, protections of Steam, gas turbines and motors starters though hardwiring.
- Maintaining the backups of running programs.
- Hand on working experience of troubleshooting and maintenance on DCS (ABB industrial IT AC800M DCS system) through logic as well as from the hardware.
- Testing & commissioning of all motor from DCS
- Hand on working experience of troubleshooting and maintenance on hardwired motor starters.

Electrical &Instrument Supervisor

Paper Mill and Power Plants Packages Limited. **Jan 2004 to Jan 2012**
Punjab, Pakistan

Reporting to the E&I Incharge, my main responsibilities were as given below,

- Responsible for all Maintenance and Project activities on the plant.
- Co-ordination with various contractors and worked with different foreign experts.
- Commissioning of 41MW self-excited generator (Siemens SGEN)
- Development of generator protection (Differential protection system) using 7UM62 SIPROTECH relay.
- Commissioning of Steam Turbine (SIEMENS SST300).
- Functional & Loop Testing.
- Safety Control of 200TPH using HIMA PLC.
- Over current relay settings (SIPROTECH 7SJ602).
- Writing Process & Functional Descriptions of different areas.
- Translation of Logic functional blocks.
- Maintenance of ABB DCS including modifications related to faults & Process requirement.
- VFD (ABB(ACS800), DANFOSS (3000, 5000 series), Siemens (Master Drive), Mitsubishi commissioning up to 500KW
- Implementation of Process description on ABB DCS Complete automation of Chemical Feeding & other paper machine parts (CBM (Control Builder Module), PPA (Process Portal A for HMI)).
- Pneumatic, I/P&P/IConverters,Temperature Sensors,Regulators,Switches&Gauges(pressure, flow, level and temperature),photo cell amplifiers , analyzers ,loop calibrators ,HART communicator, PLC & DCS.
- Hand on working experience on UPS, Battery charger system, battery banks, LV/MV switchgears and capacitor banks.

TRAININGS

- Internal Auditor training on ISO 9001-2015, ISO 14001-2015, ISO-45001-2018, By DNV-GL Abu Dhabi
- ISO 9001-2015, ISO 14001-2015, OSHAS 18001, By DNV-GL Dubai
- Advance instrumentation and control, By Endress+Hauser in Switzerland & Germany
- Asset integrity, Reliability and Maintainability, By BILFINGER TEBODIN, Dubai
- Advance Mechanical Seals by John Crane, Dubai
- EHS and usage of PPE, By Puma Energy Dubai
- Heat stress Management, By Puma Energy Dubai
- Hot work, Confined space entry and cold work permits, By Puma Energy Dubai
- Fire Fighting by Puma Energy Dubai
- First Aid, By Jebel Ali International Hospital CEDARS Dubai
- ABB DCS system (AC800M), By ABB Pakistan
- Enhancement of supervisory skills, By Packages Pakistan

PROFESSIONAL QUALIFICATION

QUALIFICATION	INSTITUTE	YEAR	DIVISION
B-Tech(Hons)Electronics	The university of Lahore, Lahore	2007-2011	1st
DAE(Electrical)	Govt. Technology College Lahore.	2000-2003	2nd
Metric	ALFATEH model high school KASUR	2000	1st

PERSONAL INFORMATION

Father name: Muhammad SIDDIQ
Date of birth: 20-08-1984
Marital Status: Married
Passport no: DY-1169182
Nationality: Pakistani
Driving license: UAE driving license
Religion: Islam
Email: mubashar.ahmed626@gmail.com
Current address: MBZ City, Abu Dhabi, UAE.
Permanent address: City: KASUR, Punjab, Pakistan.

COMPUTER KNOWLEDGE AND SKILLS

INFOR, MAXIMO, NAVISION TAG, SAP, AUTOCAD, VISIO, MS PROJECT, MS POWER POINT, MS EXCEL, MS WORD

LANGUAGE SKILLS

English (university, job), Urdu (National)