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| **CAREER OBJECTICE `**  To obtain a job and engage in related activities which will show my skills and expertise. Be able to be trained on a higher quality of standard, for me to become a competent and well-rounded individual worldwide. To work in a competitive environment, using my technical knowledge and analytical approach, to the best of my ability, to help the organization achieve solutions and meet targets successfully, helping the organization to grow hence in the process enhance my personality as a professional. CAREER SUMMARY  |  | | --- | | iNSTRUMENT engineer (Polyethylene Train 1, 2, 3 & 4),**SADARA CHEMICAL COMPANY. JUBAIL, KSA** APR-2015 to till now Maintenance troubleshooting (Corrective maintenance and Break down activities), PPM activities, Shutdown activities, Overhauling, Pre-Commissioning, Commissioning, Start up activities, MOC Implementation, Maintenance procedures preparation, reviewing and validation, Spare parts (BOM and Cataloging), Material Handling, Leading the team for Punch verification, MCPN/MCAN/MCC/PSSR walk downs, Loop Checking, Updating Instrument master list, As Built master documents (P&ID’s, ILD’s, Data Sheet’s, Wiring diagram and Hookup Drawings). | | Assistant Engineer E&I (distillery & Power plant),**Shakarganj chemical company. pakistan** JUN-2013 – FEB-2015 Leading a team for erection of 50000 Lt/Day capacity chemical plant (Distillery), Erection of 15 MW, Erection of 3 MW power plants, Erection of 65 bar High pressure Boiler having capacity 100 Ton/Hr., Maintenance issues, Loop checking, Pre-Commissioning, Commissioning, PLC/DCS related issues. | |

# Job responsibilities

**SAdara chemical company**

* Working on Corrective maintenance, Break down maintenance, PPM, Shutdown and overhauling activities in Plastics plants (Dow technology) of Train 1 & 2 (Polyethylene. (LLDPE) Capacity 50 T/H & 48 T/H), Train 3 (HPLDPE. Capacity 47 T/H) and Train 4 (Elastomer. Capacity 38 T/H).
* Working on SAP for spare parts (BOM, Cataloging and MIN/MAX adjustment) with Engineer.
* Works on SAP for instrument job planning with instrument planner.
* Working on preparation of new maintenance procedures and validation of existing procedures.
* Working on plant modification activities as per MOC (Management of Change).
* Working on Field Foundation loops and segment troubleshooting with advance diagnostic tools and FBT6.
* Working on repeated maintenance issues with reliability team for permanent solution.
* Attending daily meeting with operation and process team to discuss safety and technical issues to run the plant smoothly and safely.
* Worked on troubleshooting activities during Commissioning, Pre-commissioning and startup of Train 1, 2, 3 and 4.
* Worked on SIS loop proof test, validation and NAMUR function test.
* Involved in PSSR (Pre Start up Safety Review) walk downs with operation and maintenance Rep. for Train 1, 2, 3 & 4.
* Worked on MCPN (Mechanical Completion Prior Notice), MCAN (Mechanical Completion Acceptance Notice), MCC (Mechanical Completion Certificate) and Punch Verification for Train 1, 2, 3 and 4.
* Worked on witness of loop checking and Inspection activities as per SADARA standard for Train 1, 2, 3 and 4
* Reviewed the commissioning loop folders for Train 1, 2, 3 and 4.
* Worked on Updating Instrument Master Tracking List.
* Documentation (As built Master documents i.e. P&ID’s, ILD’s, Datasheets, Hoop up drawing and Wiring diagram).
* Worked on different FF and HART type of instruments Like Level transmitters (Guided wave radar, free space radar, Nuclear, Displace type, DP type), Flow transmitters (Coriolis mass flow, Thermal mass flow, Solid Flow meter, Ultrasonic flow, vortex flow, Magnetic, DP type), Control Valves (Fisher, UHDE High pressure, Flowserve, BETTIS), ON/OFF (EBV’s and ABV’s)Valves (EL-O-MATIC, Air Torque, BETTIS, UHDE High Pressure), Diverter Valves (Zeppelin), Pressure transmitters (Rosemount, Dynisco, ABB, Yokogawa), Temperature Transmitters (Rosemount, Infra-Red type, Wireless with different type of RTD’s and Thermocouples), Bently Nevada Vibration probes, Loss in Weight Feeder (Schenck) Different type of Temperature/Pressure/Flow/Level Switches of different manufacturer.

**Shakarganj chemical company**

* Team work with 25 Technical person’s skill in Electrical, Instrumentation and automation.
* Pre Commissioning & Commissioning, Loop Checking, Calibration and Maintenance of entire Instrumentation system
* Supervise the all Preventive, troubleshooting, Emergency and Annual shutdown activities.
* Operation & maintenance of Distillation Process field instrumentation make, Honeywell and Yokogawa Krohne and Yamatake (Optimux). Automation based on PCS7 Distributed Control System (DCS) of Siemens PLC S7-400,
* High pressure boiler’s automation based on HC900 Honeywell Controller, Field instrumentation make, Honeywell and Samsung.
* Supervision & Maintenance of medium pressure boiler’s automation based on ABB Single Loop Controller, Field instrumentation make, ABB & Kintentrol.
* Power House capacity 30 MW, Operation and maintenance of the instruments & automation of the Turbines and protection system.
* Operation & Maintenance of Sugar Process Field Instrumentation make Kobold, Yokogawa, Honeywell, Siemens and Variable Speed Drives of make, ABB & Siemens. Automation based on Allen Bradley Logics 5555 PLC & Siemens S7-300 and Automatic machines automation based on PLC Siemens S7-400 and automatic Bagging Machine based on PLC Delta.
* Erection of the 65bar High pressure boiler capacity 100 ton/hr. Installation, commissioning and testing of field instrumentation.
* Team leader Designing & Commissioning of Extended control of the High pressure Boiler.
* Team Leader of Erection Electrical & Instrumentation of distillation Plant capacity 50,000 Lit/Day. Having 35 control loops 200 Inputs & Outputs, Automation based on Siemens PLC S7-300.
* Team Leader of Erection of Electrical & Instrumentation the Molecular Sieve Plant 100,000 Liter capacity, DCS System PCS 7 based Automation 40 Control loops and 300 Inputs and Outputs.
* Electrification of the Power House H.T house 6 MW and H.T house Turbine 15MW.
* Erection Experience of Steam Turbine 3MW.

# EDUCATION

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| BSc electrical (electronics) engineering comsats university, pakistan |
| fsc pre-engineeringbise faisalabad, pakistan |
| matric (science)bise faisalabad, pakistan |

# Exempalry awards

* Certificate of appreciation (In recognition of hard work and completion for MCPN’s in short time period) awarded by Maintenance Manager of SADARA Chemical Company.
* Certificate of appreciation (In recognition of contribution to the safe and successful startup for Polyethylene Train 1&2) is awarded by Maintenance Manager (PLASTICS) of SADARA Chemical Company.
* Certificate of appreciation (In recognition of contribution to the safe and successful startup for Polyethylene Train 1&2) is awarded by PLASTICS Operation department of SADARA Chemical Company.
* Instrument Team recognition from Maintenance Manager for successful startup of High Pressure plant (Train 3) of SADARA Chemical Company.
* Instrument Team recognition from Maintenance Manager for successful startup of Elastomer plant (Train 4) of SADARA Chemical Company.

# skills

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| **technical**   * Calibration of all instruments * Troubleshooting and finding root cause * Troubleshooting of instruments using Toughbook | * High pressure instruments * Function and logic test of instrument loops * Problems related to PLC and DCS |
| **personal**   * Punctual and time dependent * Can work under pressure * Have effective communication * Ability to learn new tasks quickly | * Creative and innovative * Have team leadership abilities * Can perform multiple tasks * Can speak Punjabi, Urdu and English fluently |
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| **computer**   * Expert of excel and MS word 2007/2010/2013 * Documents editing in PDF * Web and social skills | * PowerPoint * PLC programming * MATLAB * SAP |

# trainings

**TEchnical**

* Training of Solid Flow Meter by Schenck vendor organized by SADARA.
* Training of Loss in Weight Feeder (LIW) by Schenck vendor organized by SADARA.
* Training of High Pressure Hydraulic Valves by UHDE vendor organized by SADARA.
* Training of Portable Flow Meter by E+H Vendor organized by SADARA.

**health & safety**

SADARA ensure high standard of HSE by effective communication, commitment, continuous improvement & training. Ensure compliance of HSE standards on Chemical Plant.

* LCS (Life critical standard) training
  + Confined Space
  + Elevated Work
  + Hot Work
  + Hydro blasting
  + Isolation of Energy
  + Line and Equipment Opening
* SWP (Safe Work Permit)
* EWP (Electrical Work Process)
* SMWP (Sadara Maintenance Work Process)

# Extras

# Have transferable Saudi Iqama.

# Have Saudi driving License valid for 10 years.