

REF NO. 02248
MTECH
PLANNING ENGR
EXP 6 YEARS

Work Summary:

Currently Working As A "Planning Engineer" For Saudi Aramco On Behalf Of Arabian Fal Holding. An Excellent Multi-Skilled Engineer With 6+ Experience In Project Management & Planning In Heavy Equipment Of Vessels, Tank, Drum, Column And Exchangers In Oil & Gas Refineries Onshore & Offshore, Industrial Gas And Petrochemical Plant

Good Administration Skills; Engaged In Developing Detailed Network Schedules By Microsoft Project Software

Ensuring That All The Rules And Regulations Of Health, Safety & Environment Policy Are Included In All The Maintenance Plans.

Work Request Processing And Planning & Scheduling All The Maintenance Activities.

Preparing Detailed Execution Schedule With All The Requirements As Mentioned In The Scope Of Work To Client For Approval

Schedule Include Administration, Establishment Of Work Breakdown Structure, Activity Codes Standardization, Resource Loading, Schedule Integrity Are To Be Provided To The Client For Their Review

Analyze The Schedule In Each Activity In The Maintenance & Shutdown To Identify Any Clash Between Jobs And Resources.

Discuss With Operations, Maintenance And Engineering Departments To Determine Their Shutdown Work Scope.

Ensures That All Preventive And Maintenance, Inspection, Rectification, Repair, Overhaul And Modifications' Requirements Are Included In Such Scope Of Works And Also Discuss Logic For Any Critical Activity.

Preparing Various Levels Of Schedule For Quick Reference And Finalizing The Execution Plan In Regards To The Client's Milestone Dates Or Requirements.

Ensures Co-Ordination Between Various Divisions, Sections And Disciplines During Overhaul Execution, To Ensure That All Act In Harmony For Smooth Execution Of Shutdown.

IGI & CCIS-Container & Canister Integration Stand of BMC- BrahMos Missile Containers & GRU's. Environmental Tests like Vibration Test, Linear Acceleration, Bump Test, Impact Test, Leak Test & Temperature Tests.

Structural Tests like Compression Tests, Tensile Test, Static Tests & Dynamic Tests.

High Pressure (Hydraulic & Pneumatic) Tests On INC Pusher, Shutter Pusher Body & Pyro valves (RCI-K15).

QAP-Quality Assurance Plan Checking of BOM, Material, ST & HT Drawings.

FIM-Free Issue Material & FAN-Free Issue Material Allocation Note Identification, Cutting & Logistics for CKD-SKD Conversion, MAC-F3 Development, DRDL & RCI.

Erection & Commissioning Of Different Types Of Gas Generation Systems.

Major Refinery Units Worked On Nitrogen Gas Generation Systems (NGGS), Hydrogen Gas Generation Systems (HGGs), Oxygen Gas Generation System (OGGS), Air Dryers & NH₃ Gas Generation Systems (NHGGs)

Coordinated With Other Engineers In The Proper Storage, Preventive Maintenance And Cleaning Piping Tools Before Commissioning

Made Sure That The Designs And Methods Were Used In Alignment With The Prescribed Codes & Standards

Technical Coordination/ Liaison With Various Agencies.

In-Depth Knowledge Of Products, Product Maintenance & Specifications, Data Skills And Services.

PLACE: AP

Mechanical Engineer – ASSISTANT MANAGER

REF NO : 0017 VSP

QUALIFICATION: B.TECH Mechanical Engineer - 2011

EXP: 5 YEARS

INDUSTRIES : Power Sector - Maintenance Projects (O&M) of Ash Handling Plant

Roles & Responsibilities:

↳ 660 MW : ESP, Buffer Hopper, Fly Ash Silo, BAH(Bottom Ash Hopper) structural & Ash Dyke Pipe Line Erection.

↳ Inspections like visual, Water leak, kerosene, Spark, DPT, UT tests.

↳ Equipment's like Clinker grinders, Feed Gates, Feed sump, Overflow pumps, seal trough, Hopper Refractory, Cast Basalt conveying lines erection and alignment checks.

↳ Coordinating with civil, electrical, C&I & Operation teams in timely completion and commissioning activities.

↳ Inspection of Erection Activities as Per FQP (Field Quality Plan).

↳ Preparation of Bill Of Material as per the schematic / mechanical / engineering drawings, layouts, technical specifications and comparison with respect to receipt Of materials at Site, So as to ensure availability of right material at right time.

↳ Erection, alignment, piping and commissioning of Slurry pump series (919m³/hr of Metso make).

↳ Erection, alignment, piping and commissioning of HP (822m³/hr, Make Kirloskar), LP (388m³/hr, Make Kirloskar), multistage pumps.

↳ Erection, installation and commissioning of vacuum pump make GXL 2000 (3300 m³/hr).

↳ Erection of GRP pipes with pressure ratings PN 16, PN 6 and suitable special supports fabrication.

↳ Installation of around 1Km HDPE piping of different dimensions varying between 280OD to 400D.

↳ Erection & Installation of Ash Dyke/Pond's Slurry Conveying 450 NB Cast Basalt piping for around 5.5 Km & its alignment checking and respective discharge tappings.

↳ Designing of single line diagram and routing of 400 mtrs line as a mitigation plan for 660 MW Unit COD, 100% completion within a time span of 12 days for ash handling system.

↳ Erection & Installation of 1500 mtrs Permanent Corroated MS line for HP system in Ash Handling along with its supporting structure, Valve Station, Fitting arrangement for mitigation plan to corrosion/Erosion due to Sea water.

↳ SS 316L, CI piping and supporting structure designing and their erection.

↳ Buffer Hoppers, D-Pumps & Bag filters erection and commissioning.

↳ Carried out erection inspections of pre fabricated galleries & alignment checks of galleries, pulleys, idlers & motors.

↳ Maintenance and overhauling of slurry pumps, multi-stage pumps, clinker grinders,

bufferhoppers, D-pumps etc.

↳ Maintenance works related to GRP, HDPE, Castbasalt, MS fittings and valves.

↳ Carried out Preventive, Corrective and Breakdown maintenance effectively to fulfill the system requirements.

↳ Maintained LLF (Look, Listen and Feel) Record which is most helpful to minimize breakdown maintenance.

↳ Preparation of Internal Approval Note Sheet, Modification Request; PR (Purchase Request) & PO (Purchase Order) intend & Service Entry creation of Contractor Bills in SAP.

↳ Carried out modification/rerouting works as per site requirements creating hassle free environment to piping, electrical & instrument cable laying.

↳ Acted as a back bone for 7 sub-contractors with efficient support, where EPC contractor failed to execute work.

↳ Managing Erection equipment's like - JCB, Hydra & 2 nos. Cranes in between the contractors with 99% of efficient utilization on priority basis.

AREA : Singrauli (M.P.)

ELECTRICAL ENGINEER

REF NO : 0074 VSP

QUALIFICATION: B.TECH IN ELECTRICAL ENGINEERING - 2006

EXP.: 14 YEARS

INDUSTRIES : **POWER, OIL & GAS / SUBSTATION**

JOB Description :

✓ Successful Electrical engineer with 14+ years in Tendering, Project Implementation, Plant Operations, Site Management, Planning, Testing & Commissioning and Client Relations.

✓ Manage the overall tender preparation time schedule to deliver the optimized bid in due time. Challenging all functions to obtain their best proposal with the best price, in line with the targets. Continuous control and optimization of risks, costs, during the firm proposal preparation.

✓ To attend the meeting with client and main contractor regularly and solving the pending points

✓ Floating RFQ and Collect quotation for all major equipment and Make comparative statement for financial and technical offer

✓ Prepare costing of Electrical projects (Substation, Under-Ground cabling works)

✓ Vendor negotiation and prepare technical and commercial proposals to evaluate the risks involving in the projects

✓ Prepare the cash-flow, commercial and technical offer for substation projects

✓ Proficient in testing, consulting, designing and commissioning to deliver many diversified projects at international and domestic substations.

✓ In-depth grasp of project planning, scheduling, monitoring, execution of construction projects.

✓ Excellency in structuring tender documents with all essential ingredients - Scope of work, Technical Specification and Drawings.

✓ Knowledge in power transformer, Aux relays, current transformer, potential transformers at 220/132/66/11kv.

✓ Possess international/ domestic experience; with abilities in inspection, tracking records, materials flow, projects & transfer.

✓ Expertise in Trouble Shooting & sensitizing workforce on need of industrial safety and observing safety standards.

✓ Possess people management, analytical, & interpersonal skills coupled with handling multiple projects simultaneously & high integrity.

✓ Demonstrated strengths in multitasking wherein managed several tasks at a given point of time.

✓ Skilful in client expectation management, understanding of client requirements, team building, and validating technical readiness.

✓ Accountable for managing diverse responsibilities and deliverances with available resources within allocated time and costs.

✓ Articulate communicator blended with technical expertise and interpersonal skills while interacting with the cross-functional teams, customers and stakeholders; ensuring optimal resource utilization.

✓ Estimating costing of specific projects, preparation techno commercial offer and attending technical discussion and commercial negotiations.

✓ Tender for the selection of equipments/ making of BOQ /estimating costing of electrical equipment control & relay panel/ MV & HV switchgear / compact substation as per customer's specific requirement and taking quotation for the same from internal bus and external suppliers.

✓ Responsible for Tendering, Erection, Testing and commissioning of all electrical Equipments from up to 220 kV Substation

✓ Responsible for inspecting control & relay panel for Generator ,Transformer and Line feeder; CT,VT, circuit breaker, switchgear and Power Transformer; 25 MVA, 50 MVA, and 200 MVA power transformers.

✓ Managed Site Inventory of cables and power strips, assessed supporting documentation for the operation and installation of hardware related equipment.

✓ Perform As built Cable schedule/ Drawing/ Test report submission and all site activity in coordination with client/ customer.

✓ Exposure in the management of the Electrical operation & maintenance of 132 kV Gas insulating and 11 KV switchgear; LVAC system, also familiar with M&E Code of Practices and Fire Safety procedures

✓ Associated closely in contingency planning & schedules identifying risks within defined scope, quality, time and cost constraints

✓ Reviewed existing systems & procedures and designed internal controls/quality audit checks for various operational areas for achieving higher operational efficiency, resource rationalization and cost reduction

✓ Creating awareness among the team to follow safety norms in line with DEWA safety standards by conducting Tool box talk and encouraging fellow workers to follow safety rules in compliance with BSC regulation

✓ Supervising & inspecting control system and protective device of transformers

Actively lead international/domestic projects consisting of site surveys with the company's internal and external teams.

AREA : TAMIL NADU

MECHANICAL TECHNICIAN

REF NO : 0078 VSP

QUALIFICATION: DIPLOMA IN MECHANICAL ENGINEERING

EXP.: 05 YEARS

INDUSTRIES: MECH. MAINTENANCE–ALL KIND EQUIP/ROTARY/ MACHINERY

JOB Description :

PUMPS

Pump is a Mechanical device. It converts mechanical energy to Hydraulic energy.

Positive Displacement Pump:

Worked in Union, Kawasaki, Pulsafeeder Diaphragm, Niskiso pumps servicing and spare parts changing, Cam shaft, Bearing and Suction and Discharge Valves and packing ring, Piston ring and Cylinder liner changing.

Non-Positive Displacement Pump (or) Roto Dynamic Pumps:

Worked in Union, Ingersoll-Dressor, Kawasaki, Sulzer, Weir, Pumps, Sundyne, Arai, Ebara, Johnston, peerless and all types of pumps servicing and maintenance. Involved seal changing, Bearing changing, Impeller and wear ring, Packing ring, Shaft sleeve, Valves changing, Oil circuit equipment and Coolers maintenance

COMPRESSORS

Centrifugal Compressors:

Worked with Nuova Pignone, Kirloskar, Kawasaki, Pumps, Air and Natural Gas lifting centrifugal compressors with liquid film seal and Dry gas seal system with Various capacities. Involved in seal changing bearing and Impeller, Shaft sleeve, and its seal and lube Oil circuit accessories maintenance

Reciprocating Compressor:

Having Experience in Various manufactures of Atlas Cop. co, Ingersoll-Rand Reciprocating compressor of "V" type with instrument Air services with various capacities. Involved in repair and changing valves, Piston, Piston Rod, Piston Ring, Piston Pin and Cylinder liner, Bearing crosshead and Oil circuit equipment and Coolers Maintenance.

TURBINE

Worked in Nuova Pignone, Rolls Royce, Ruston, Gas turbine and Steam turbine maintenance. Involved air filters changing, Davis valves, I.G.B, Diffuser, Power turbine vanes, Air compressor vanes, Burners, Flame tubes, Fuel Nozzle, Cone cover, Sleeves Bearings changing and Oil and Air circuit equipment and Coolers maintenance.

MECHANICAL SEAL

Checking shaft run out, axial float, Radial lift, Squariness and Eccentricity checking and seal changing, Single seal, Tandem seal and Double back to back seal. Double face to face and oil seal changing, Bellow seal and cartridge seal changing.

BEARING

Checking Bearing ply and clearance, Thrust Bearing, Journal Bearing, Roller Bearing, Ball, Taper Roller, Double groove roller and all types of Bearing changing.

GEAR BOX

Worked in Philadelphia, Randolph, and all types of Gear boxes servicing and Gear teeth checking, Bearing and seal changing and replaced the gear oils.

FAN AND BLOWERS

Having experience to change the blade angels belt aligning tensioning in the pulley with driver.

STATIC EQUIPMENTS

Worked in Safety relief valves, flame arrested and pipeline plant maintenance.

On off service: Gate valves, Ball valves, Plug, Butterfly valves.

Control services: Globe valves, Diaphragm valves and Pinch valve.

Not Return services: Swing check valves, piston and Ball check valves.

Pressure Relief valves: Safety valves of Gases services and Relief valves for liquid services.

Valves selection can be done according to the application material or Fluid Handled Pressure and temperature of the fluid or Gas.

ALIGNMENT

Misalignment is a single major cause of most failure of rotating equipment it will load to failure of couplings and Bearing seals as well other components. As a result of high vibration hence it is important to check the alignment periodically under preventive maintenance.

Alignment is a Co inside of the Axial for Driven and Driver shaft cold and Hot method worked in Laser method, Rim and face method, Graphical, Reverse Indicator method.

SAFETY DEVICES

H₂S Safety, Fire safety, using crow can gas tester (CH₄, H₂S), fire Extinguisher (Foam, DCP & CO₂;) using in fire classification, fusible plug operation, deluge valve operation, fire-water pump operation. Breathing Apparatus, Safety Jacket, and Gas detector. Smoke detector, heat detector operation, H₂S deduction, fixed monitoring system, electronic monitors, tube detector

AREA : **Tirunelveli, T.N.**

LEAD ELECTRICAL ENGINEER

REF NO : 0084 VSP

QUALIFICATION : **B.E (Electrical & Electronics Engineering)**

EXP.: 14+ YEARS

INDUSTRIES : POWER SECTOR - WATER AND POWER RESOURCES

JOB DESCRIPTION :

✓ Successful Electrical engineer with 14+ years in Tendering, Project Implementation, Plant Operations, Site Management, Planning, Testing & Commissioning and Client Relations.

✓ Manage the overall tender preparation time schedule to deliver the optimized bid in due time. Challenging all functions to obtain their best proposal with the best price, in line with the targets. Continuous control and optimization of risks, costs, during the firm proposal preparation.

✓ To attend the meeting with client and main contractor regularly and solving the pending points.

✓ Floating RFQ and Collect quotation for all major equipment and Make comparative statement for financial and technical offer.

✓ Prepare costing of Electrical projects (Substation, Under-Ground cabling works)

✓ Vendor negotiation and prepare technical and commercial offer and Calculate the risks involving in the projects

✓ Prepare the cash-flow, commercial and technical offer for substation projects

✓ Proficient in testing, consulting, designing and commissioning to deliver many diversified projects at international and domestic substations.

✓ In-depth grasp of project planning, scheduling, monitoring, execution of construction projects.

✓ Excellency in structuring tender documents with all essential ingredients - Scope of work, Technical Specification and Drawings.

✓ Knowledge in power transformer, Aux relays, current transformer, potential transformers at 220/132/66/11kv.

✓ Possess international/ domestic experience; with abilities in inspection, tracking records, materials flow, projects & transfer.

✓ Expertise in Trouble Shooting & sensitizing workforce on need of industrial safety and observing safety standards.

✓ Possess people management, analytical, & interpersonal skills coupled with handling multiple projects simultaneously & high integrity.

✓ Demonstrated strengths in multitasking wherein managed several tasks at a given point of time.

✓ Skilful in client expectation management, understanding of client requirements, team building, and validating technical readiness.

✓ Accountable for managing diverse responsibilities and deliverances with available resources within allocated time and costs.

✓ Articulate communicator blended with technical expertise and interpersonal skills while interacting with the cross-functional teams, customers and stakeholders; ensuring optimal resource utilization.

✓ Estimating costing of specific projects, preparation techno commercial offer and attending technical discussion and commercial negotiation.

✓ Tender for the selection of equipments/ making of BOQ /estimating costing of electrical equipment control & relay panel/ MV & HV switching gear / compact substation as per customer's specific requirement and taking quotation for the same form internal bus and external suppliers.

✓Responsible for Tendering, Erection, Testing and commissioning of all electrical Equipments from up to 220 kV Substation

✓Responsible for inspecting control & relay panel for Generator ,Transformer and Line feeder; CT,VT, circuit breaker, switchgear and Po VA, 50 MVA, and 200 MVA power transformers.

✓Managed Site Inventory of cables and power strips, assessed supporting documentation for the operation and installation of hardware related equipment.

✓Perform As built Cable schedule/ Drawing/ Test report submission and all site activity in coordination with client/ customer.

✓Exposure in the management of the Electrical operation & maintenance of 132 kV Gas insulating and 11 KV switchgear; LVAC system, also familiar with M&E Code of Practices and Fire Safety procedures

✓Associated closely in contingency planning & schedules, identifying risks within defined scope, quality, time and cost constraints.

AREA : Kanchipuram, Tamilnadu

MECHANICAL MAINTENANCE ENGINEER

REF NO : 0085 VSP

QUALIFICATION : **B.E (MEHCANICAL Engineering)**

EXP.: 07 YEARS

INDUSTRIES : MAINTENANCE of BOILER, TURNINE and its Auxiliary

JOB DESCRIPTION :

MY RESPONSIBILITIES:

Working as Executive engineer (Mechanical) of 2*300MW thermal power plant.

All maintenance activity is: - Preventive maintenance, Breakdown maintenance and Shutdown maintenance.

MAINTENANCE OF BOILER:

a) PRESSURE PARTS:-

1. Maintenance of Boiler and its drive.
2. Maintenance of valve of Boiler Steam line, Drum and Blow down system.
3. Attending boiler tube leakage.
4. Maintenance of Light Diesel Oil system.
5. Maintenance of DIESEL OIL GUN for Boiler Initial Firing.
6. Maintenance of Instrument air and Service air system.
7. Maintenance of Boiler shoots blowing system.
8. Attending boiler shutdown job
9. Maintenance of cold air, hot air and flue gas duct system.

b) ROTATORY PARTS:-

1. Maintenance of ID, FD, PA, SA, SCANNER AIR fan and its system.
2. Maintenance of Air Pre-Heater and its cooling system..
3. Maintenance of Electrostatic Precipitator (ESP).
4. Maintenance of Coal Mills.
5. Maintenance of lube oil cooler and its pump for: - cooling and operation of

blade pitch of fans.

6. Maintenance of Hydraulic Coupling and its system of ID Fans.

COMMISSIONING OF BOILER:

1. Cold flushing, hot flushing, alkaline flushing and Chemical Cleaning (EDTA) of Boiler.
2. Steam blowing of Boiler.
3. Setting of safety valve of Drum and Steam line.
4. Air tightness test (ATT) of Duct system.
5. Hydro test of Boiler.

ERECTOR OF BOILER:

1. Boiler and its auxiliary.
2. Electrostatic Precipitator (ESP).
3. Air-Preheater and its driving system.
4. Boiler Fans i.e. FD, ID, PA, SA and its duct system.

MAINTENANCE OF TURBINE:

1. Steam turbine auxiliary system.
2. Boiler feed water system.
3. Condensate system.
4. Lube oil system.
5. Seal oil system for generator.
6. Cooling water system for turbine auxiliary.
7. Hydraulic coupling of Boiler Feed Water pumps.
8. Deaerator and its piping system.

AREA : Chandrapur, Maharashtra

MECHANICAL MAINTENANCE ENGINEER

REF NO : 0086 VSP

QUALIFICATION : **B.E (MEHCANICAL Engineering)**

EXP.: 09 YEARS

INDUSTRIES : MAINTENANCE of BOILER, TURNINE and its Auxiliary

JOB DESCRIPTION :

Attained proficiency in inspecting Fire protection equipments including Spray nozzles & QB detectors.

Review of PO requirements, Preparation of QAP based on Purchase requisition / Technical datasheet, make the technical delivery conditions (TDC) for all bought out components. Making material Test certificates.

Handling the testing related activities for Raw materials, including review of Lab reports.

Internal inspection for products & maintaining inspection records as

per company standards & UL listed / FM approved certificates & ISO Norms.

↳Assuring calibrations of inspection & testing equipments. Interact with Purchase department for arranging calibration agencies.

↳Effective, efficient & cohesive interaction with Third party inspection agencies.

↳Scheduling of Third party inspections as per production/ Planning requirement. Offering material to Third party inspector.

↳Visit sub suppliers & Testing Labs for internal inspection in specific cases.

↳Supporting Sales / Marketing, Planning, Dispatch & Purchases for the meeting deadline for supply & submission of final documentation to client.

↳Exceptional communication & presentation skills with proven background of National & International codes like ASTM & IS codes.

↳Raw Material Inspection :- To carry out visual inspection of Valve Castings (Body, bonnet & trim)

↳Dimensional Check :- checking machined components as per drawings.

↳Tray inspection :- Before assembly checking Valve parts as per Bill of material.

↳Final inspection :- Testing of valves done as per Customer work order mainly shell Test,

↳Seat leakage test & valve calibration.

↳Third party inspection :- Attending Third Party Inspectors for inspection of Control valves and

↳Offering valves for inspection.

↳ISO 9001:2008 Audits: - Preparation of internal audits & Attending ISO 9001:2008 External Audits.

↳Co-ordinate with customer & Inspection agencies for arranging Inspection, handling all Inspection Activities which includes Preparation of QAP, Datasheet & GA Drawing, Checking Approved Technical Data sheets & QAP before inspection.

↳Making Material Test Certificates which includes raw material TC/ Lab TC, UL & FM Certificates.

↳Internal Inspection Reports includes Dimension Reports & Performance Flow Test.

↳Maintaining and arranging timely Calibration of all measuring instruments like Vernier Caliper, Thread Ring Gauge, Flow meter, Pressure Gauge, etc.

Operating System : Windows -7, Windows Vista. Windows-XP, Windows-2000.

CAD Software : Auto CAD-2006.

AREA : Thane, Maharashtra

QA/QC Engineer & Inspector

B.Tech [Mech Eng.], NDT level II (RT, UT, PT, MT), CSWIP 3.1

REF NO : 0087 VSP

QUALIFICATION : **B.E (MEHCANICAL Engineering)**

EXP.: 04 YEARS

INDUSTRIES : PETROCHEMICAL / GAS

JOB DESCRIPTION :

EXPERIENCE SUMMARY

As a **QA/QC Engineer** in the field of fabrication of Refinery Piping, Pipelines, Pressure Vessels, Structure, Non-Pressure parts .I possess **Project** as well as **Shutdown** experience in refineries and petrochemical complex. Well versed with International and National Codes like **ASME B31.3 , AWS D1.1, API 1104, ASME Sec IX , ASME Sec V, ASME B16 Codes like (B16.47,16.5,B16.9,B16.11),ASME Sec II, Part A & C,ASME Sec VIII-Div. I, API RP (527,571,583,620,650,653), API 570, API 510** and have knowledge in Quality Management Systems **ISO 9001-2008**.

KEY RESULT AREAS

FABRICATION / NDE

- Review of ITP, Project Specification and Work Procedures.
- Inward inspection of raw materials as per Drawing.
- Review of vendor documents as per project requirement.
- Preparation of **WPS and PQR**.
- Conducting Welder Qualification Test as per ASME Sec IX and API 1104.
- Witness in Inspection activities like Fit-Up, Weld Visual for the Piping, Pipelines and structures of the components in refinery plant as per Drawing and International Codes.
- Fabrication and handling of piping materials like Carbon Steel, LTCS, Stainless Steel (TP 304, TP 316, TP 321, TP 347), Alloy Steel (P91, P11, P22) and NACE materials.
- Monitoring Preheat.
- Monitoring **Post weld heat treatment (PWHT)** in Carbon steel and Alloy Steel as per standard.
- Monitoring and control of **Decarburization** of CS and AS and taking corrective actions to reduce it as per ASTM F2328-14.
- Interpretation of RT Films** as per Design Code and tracing of defects accordingly.
- Involved in conducting Hydro test and Pneumatic Test with latest revision of LDT.
- Involved in other NDE Methods (UT, DPT, and MPT) as applicable.
- Tracking and maintaining welder performance and doing Root cause analysis for weld repair as corrective action.
- Maintaining various instruments calibration records and offering for scheduled calibration.

COATING /PAINTING

- Coordinating Coating and painting works in Piping and structures.
- Witnessing blast profile and Surface Finish before commencement of coating/painting work.
- Involved in various types of coating works such as **Heat shrink sleeve (HSS),R-95,Poly 100, Poly VEF, STOPPAQ** etc. on piping and pipelines.
- Witnessing Full Length and field Joint Holiday Test.
- Witnessing required DFT after every coat of paint as per Standard.

INSPECTION OF PETROCHEMICAL COMPLEX

- Identifies critical process equipment and piping.
- Establish, executes appropriate Inspection / NDT plan.
- Inspection of various **Low pressure Storage tanks as per API 653.**
- Carrying out repairs of Tanks and hydro test as per requirement.
- Determines replacement, repair requirements and remaining service life of equipment and piping based on evaluation of inspection findings and operating condition.
- Testing of Pressure Safety Valves, Pressure Relief Valves of various types as per Code.
- Conducting **Metallographic** for chemical analysis in tubes.
- Conducting Hydro test Pressure Vessels, Heat Exchangers, Coolers and Pipelines.
- Conducting Hydro jetting, Fibers copy, Eddy Current Testing in Heat Exchangers.
- Monitoring Corrosion under Insulation (CUI) in Piping, and Pressure Vessels.
- Inspection of various piping and structure in terms of thickness loss and paint damage and taking corrective action accordingly.
- Preparation of Corrosion Loop.

AREA : KANPUR, UP

FABRICATION QC ENGINEER

REF NO- 0144

QUALIFICATION: BE.MECHANICAL ENGINEER

EXP: 7.5

INDUSTRIES: POWER PLANT,REFINERY,OIL GAS

JOB SPECIFICATION : Responsible for Fabrication of Storage Tanks, Chimney, Pressure Vessel & Structural Equipment.

** Pre-Production meeting, scope of work. Fixing the man power / contractor. Planning, organizing, monitoring and controlling all shop floor activities.

** Responsible for all Pre & Post fabrication activities i.e. marking & cutting on plates,LS-seam & CS -

seam set-up, forming of shells and End Plate. Final assembly & nozzle fitment, leg or saddle fitment,
final touch up, final dimensional measurement, Hydro test, required polishing, Painting, cleaning and packing, dispatch work.

** Utilization of all the available resources such as manpower, machineries & materials. Meet the customer requirements for deliveries & Quality product.

** Organize work schedules, Entrusted all jobs were done on timely basis.

** Raw material verification and inspection as per MTC's.

** Preparation of WPS, PQR, WQR & Internal Dimensions report

** Qualifying welders as per the applicable Standards and WPS

** Verifying correctness of consumables and proper bak ng / storage.

** Ensure proper preheating and monitoring welding process and parameters during weldi g.

** Carryout visual inspection of root run, cap and ens re inter-pass Temperature as per WPS.

** R.T film interpretation for all Butt-joints welding in Tank, Vessel ,Chimney & Piping

** Final dimension checking for finished products as per with BOM & Drawing.

** Hydro test witness as per ITP.

** Inspection of surface preparation after sand blasti g as per applicable codes.

** Coordination with clients for final Inspection

** Visual inspection for painting and DFT checking.

** Responsible for Fabrication of Boiler , Storage Tanks, Static equipments, etc.(As per IBR & ASME)

** Pre-Production meeting, scope of work. Fixing the man powe / contractor. Planning, organizing, monitoring and controlling all shop floor activities.

** Responsible for all Pre & Post fabrication activiti s i.e. marking & cutting on plates, LS-seam & CS -

seam set-up, forming of shells and End Plate. Final assembly & nozzle fitment, leg or saddle fitment,
final touch up, final dimensional measurement, Hydro test, required polishing, Painting, cleaning and packing, dispatch work.

** Coordinating between shifts, work-station, Design, Projects to make delivery on time without interruption in Production.

** Organizing procurement and timely availability in order to meet production targets and control inventory.

** Resolving disputes and ensuring discipline in workshops.

** Inspect all fabrication work in progress

** Inspection of incoming material or from stock and tran fer making

- ** Coordination & Review with NDT report and result
- ** Conduct all the test procedure for Shell example hydrotest, PT & RT.
- ** Monitoring the NDT subcontractor perform the NDE and make sure they follow the code and spec.
- ** Inspection of Various Raw materials etc.
- ** Quality control document for consumable like electrode, shielding gas use for fabrication etc
- ** Reporting to "Sr. Manager – Production.

PLACE : CHENNAI

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