

CURRICULAM VITAE

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OBJECTIVES:

A carrier in Mechanical & Quality Engineering Environment to leverage my strengths in executing complex projects so as to provide leading edge output. To execute my technical skills to the fullest for the progress of the organization, as also to hone my technical skills for self-betterment. Qualified, experienced and result oriented ENGINEERING professional .Expertise in Production, Quality Tests, Technical Support and Co ordination .Well versed with Production process, Quality Control Co ordination ,a Self starting, Flexible and Initiative driven professional with excellent communication skills. And An asset of (19) **Eighteen Years of Experience and proven and approved Track of PDO, GASCO, ADNOC,AL HOSN,TAKREER,DODSAL,SAIPEM, SAMSUNG, MC MOTT,FLOUR,BV, VELOSSI ,VELA MARINE, PETROBRAS, ADNATCO,OMAN GAS COMPANY**

WORK EXPERINECE

SPECTRA ACCESS SPECIALIST AND ENGINEERS INDIA LLP

KOZHIKODE Kerala India

December 2019 –March 2022 Inspection Engineer (AWS SCWI Welding Inspector & CSWIP Bgas Gr2 Coating Inspector ,ISO 9001-2015 QMS Auditor)

- ◆ Conducting the Welding Inspection of pipings.
- ◆ Fit up Inspection of pipes prior to welding.
- ◆ Line checking after all welding is complete as per the approved drawings.
- ◆ Review of Test Packages and witnessing the Hydrostatic & Pneumatic Testing of Piping.
- ◆ Preparation & maintaining of all Inspection Reports.
- ◆ Conducting and Witness of Welder qualification test.
- ◆ Radiographic film interperation.
- ◆ Performing internal Audits as per ISO QMS (ISO9001-2015)
- ◆ **Strictly follow Safety standards as per OSHS**
- ◆ Witnessing hydrotest , Gauge plate inspection Valve Installation
- ◆ Check punchlist activities,review and sign final test package and check all necessary documents are available
- ◆ Inspecting materials as per applicable code & specification requirements and to ensure compliance with client requirement
- ◆ Recieving & Storage inspection of painting materials as per project Spec & data sheet,inspection of blast abrasives to correct standards and ensure free of contaminants
- ◆ Monitting paint mixing,application & storage in accordance with approved procedure and data sheet
- ◆ WFT, DFT, Holiday ,adheshion inspection to comply with Spec.
- ◆ Compliance with safety standard during painting application

ARABIAN INDUSTRIES PROJECTS LLC

Client : Oman Gas Company SAOG (OGC)

Main Contractor :ARABIAN INDUSTRIES PROJECTS LLC

Project Name : EPC Works For Modification & Expansion of Sohar GSS & New IBRI GSS

December 2017–January2019 SENIOR WELDING INSPECTOR,

OGC/PDO APPROVED WELDING /MECHANICAL INSPECTOR

(PAINTING INSPECTOR/PRE START -UP AUDITOR)

Job Responsibilities

- ◆ **Strictly follow Safety standards as per OSHS**
- ◆ Liasing RFIs in well advance for all inspection as per ITP
- ◆ Strict adherence to achieve Project KPIs and Quality KPI
- ◆ Strongly follow companies confidential document/record as per policy
- ◆ Conducting the Welding Inspection of pipings.
- ◆ Fit up Inspection of pipes prior to welding.
- ◆ Line checking after all welding is complete as per the approved drawings.
- ◆ Review of Test Packages and witnessing the Hydrostatic & Pneumatic Testing of Piping.
- ◆ Preparing Test Packs with PEFS Mark Ups According to Engg Guidelines
- ◆ Preparation & maintaining of all Inspection Reports.
- ◆ Issuance of NCR when there is any violation of Standards.
- ◆ Conducting and Witness of Welder qualification test.
- ◆ Control of Welding consumables, baking record for low hydrogen electrodes.& storage
- ◆ Re Instatement of Test Packages
- ◆ Performing internal Audits as per ISO QMS (ISO9001-2015)
- ◆ Radiographic Film Interpretation
- ◆ Ensuring barricading distance cordial distance as per standards for RT
- ◆ verifying isotope decay chart before forwarding to safety department
- ◆ Material Recieving Inspection of Incoming materials Raw/Finished products from vendor
- ◆ Inspection at vendor premises for project orders
- ◆ Recieving & Alignment inspection of all mechanical static equipments
- ◆ Fit up & welding inspection of Primary & secondary supports
- ◆ Preparing & Monitoring welder performance data weekly wise
- ◆ Preparing NDT Request As Per line class & Welder coverage
- ◆ Witness Inspection of MPI,PT
- ◆ Inspection and verification of PWHT as per requirement
- ◆ Preparing & maintaining Welding procedure register
- ◆ Spool gen preparation and selection of WPS as per line list
- ◆ Adherence with Contract quality plan for any missing requirement
- ◆ Thorough follow of ITP,QCP,Project spec Etc
- ◆ Approved method statement for all critical activities a part from qualified procedure
- ◆ Updating & Maintaining Master piping log
- ◆ Ensure that material traceability system maintained through out construction stage
- ◆ Training for newly Inducted Welders Prior to Qualification
- ◆ Preparing and closeout of punchlist for leak testing
- ◆ Witnessing Of Sensitive Nitrogen Helium Leak test As part of comissioning Activity
- ◆ Preparation & Close out Of mechanical As well as operational Punch list
- ◆ Witness/Inspection of vessels/Valves at vendor location
- ◆ Preparation of NDE Requiremnts with relates to Spec.
- ◆ Review of various valve datasheets and piping special item datasheet
- ◆ Checking & Review vendor documents for piping materials
- ◆ Witnessing FAT and vendor premises
- ◆ Preparation for PRE Start up Audits
- ◆ Preservation, Installation, Inspection& Verification of static equipments, vessel internals structurals
- ◆ Reviewing and evaluating contractors quality document submittals (PQR,WPS,WQT, NDT Procedures, mechanical test reports, method statements, hydrotest, coating painting , welding fit up repots
- ◆ Inspecting materials as per applicable code & specification requirement and to ensure compliance with client requirement
- ◆ Conversant in reporting/documenting non confoemities, follow up corrective and preventive action to achieve timely and close out SOR (site observation report)CAR (corrective action reort)Ncr (non conformance report)

- ◆ Experience in ASME Codes Such As B31.3,B31.1,tetc API, ASTM,MESC SPE,MSS -SP,DEP,PIP,ISO,BS,DIN Application of this code for inspection
- ◆ Welding inspection of Duplex,Super Duplex and inconel material grades on large and small bore piping,evaluation and checking of in-process welding parameters,calculate and record heat input
- ◆ Preparation and review of mechanical completion documents
- ◆ Recieving & storage inspection of painting materials as per project spec with data sheets
- ◆ verifying paint specification with project spec for various operating condition
- ◆ Compliance with paint system as per paint specification
- ◆ Make sure paint sytem requirements is strictly followed
- ◆ Inspection of blast abrasives to correct standatrds and ensuring free of contaminants
- ◆ Monitoring of paint mixing , application & storage in accordance with approved procedure and method statemnt
- ◆ Verifying MSDS and Manufactures data sheets
- ◆ Pre blasting inspection of materials for dents /sharp corners/dust oil/ before relasing for blasting
- ◆ Monitor and verify air temperature ,dewpoint and relative hunidity
- ◆ Assesing surface cleanliness and profile as per requirements
- ◆ verifying induction time, potlife,shelf life of paints
- ◆ Record of enviornmental condition at the time of paint application
- ◆ WFT ,DFT, Holiday , Adhesion inspection to comply with spec.
- ◆ Likelihood of weather condition at the time of application as per spec .
- ◆ Verifying with document of pcedence in case of conflict
- ◆ Complinace with safety standards during painting application
- ◆ Loyal to Comapy in all regards

TECHNICAL & INSPECTION SERVICES

Kochi Kerala India

March 2015–December 2016

Welding Inspector

Job responsibilities:

- ◆ Conducting the Welding Inspection of pipings.
- ◆ Fit up Inspection of pipes prior to welding.
- ◆ Line checking after all welding is complete as per the approved drawings.
- ◆ Review of Test Packages and witnessing the Hydrostatic & Pneumatic Testing of Piping.
- ◆ Preparation & maintaining of all Inspection Reports.
- ◆ Conducting and Witness of Welder qualification test.
- ◆ Radiographic film interperatation.
- ◆ Performing internal Audits as per ISO QMS (ISO9001-2015)
- ◆ **Strictly** follow Safety standards as per OSHS

DODSAL ENGINEERING & CONSTRUCTION PTE LTD
Client : Al Hosn Gas,Abhudhabi Gas Development Company (GASCO)
Main Contractor : Saipem Engineering
Sub Contractor : DODSAL ENGINEERING & CONSTRUCTION PTE LTD
Shah Gas Development Project ,Hameem ,Shah ,U A E
December 2013–December 2014 SENIOR WELDING INSPECTOR,
SAIPEM/GASCO APPROVED WELDING INSPECTOR

Job responsibilities:

- ◆ Conducting the Welding Inspection of pipings.
 - ◆ Fit up Inspection of pipes prior to welding.
 - ◆ Line checking after all welding is complete as per the approved drawings.
 - ◆ Review of Test Packages and witnessing the Hydrostatic & Pneumatic Testing of Piping.
 - ◆ Preparation & maintaining of all Inspection Reports.
 - ◆ Issuance of NCR when there is any violation of Standards.
 - ◆ Conducting and Witness of Welder qualification test.
 - ◆ Control of Welding consumables, baking record for low hydrogen electrodes.
 - ◆ Re Instatement of Test Packages
 - ◆ Performing internal Audits as per ISO QMS (ISO9001-2015)
 - ◆ Fit up & welding inspection of Primary & secondary supports
 - ◆ Monitoring welder performance data weekly wise
 - ◆ Preparing NDT Request As Per line class & Welder coverage
 - ◆ Ensure that material traceability system maintained through out construction stage
 - ◆ Updating & Maintaining Master piping log
 - ◆ Training for newly Inducted Welders Prior to Qualification
 - ◆ **Strictly** follow Safety standards as per OSHS
 - ◆ Radiographic film interpretation
 - ◆ Preservation, Installation, Inspection& Verification of static equipments, vessel internals structurals
 - ◆ Reviewing and evaluating contractors quality document submittals (PQR,WPS,WQT, NDT Procedures, mechanical test reports, method statements, hydrotest, coating painting , welding fit up repots
- Inspecting materials as per applicable code & specification requirement and to ensure compliance with client requirement

DODSAL ENGINEERING & CONSTRUCTION PTE LTD
Client : Takreer (Abudhabi Gas Refining Company,GASCO)
Main Contractor : Samsung Engineering
Sub Contractor : DODSAL ENGINEERING & CONSTRUCTION PTE LTD
Takreer Refinery Expansion Project ,Ruweis,U A E
June 2011-December 2013 , SENIOR WELDING INSPECTOR
SAMSUNG/TAKREER APPROVED WELDING INSPECTOR

Job responsibilities:

- ◆ Conducting the Welding Inspection of pipings.
- ◆ Fit up Inspection of pipes prior to welding.
- ◆ Line checking after all welding is complete as per the approved drawings.
- ◆ Review of Test Packages and witnessing the Hydrostatic & Pneumatic Testing of Piping.
- ◆ Preparation & maintaining of all Inspection Reports.
- ◆ Issuance of NCR when there is any violation of Standards.
- ◆ Conducting and Witness of Welder qualification test.
- ◆ Control of Welding consumables, baking record for low hydrogen electrodes.
- ◆ Re Instatement of Test Packages
- ◆ Radiographic Film Interpretation

- ◆ Strictly follow Safety standards as per OSHS

DODSAL ENGINEERING & CONSTRUCTION PTE LTD

Client : Petroleum Development of Oman (PDO)

Main Contractor : DODSAL ENGINEERING & CONSTRUCTION PTE LTD

Qarn Al Alam Steam Project, Qarn Alam Oman

February 2010 to May 2011 QC –Welding Inspector,

PDO APPROVED WELDING INSPECTOR

Job responsibilities:

- ◆ Conducting the Welding Inspection of pipings.
- ◆ Fit up Inspection of pipes prior to welding.
- ◆ Line checking after all welding is complete as per the approved drawings.
- ◆ Review of Test Packages and witnessing the Hydrostatic & Pneumatic Testing of Piping.
- ◆ Preparation & maintaining of all Inspection Reports.
- ◆ Issuance of NCR when there is any violation of Standards.
- ◆ Conducting and Witness of Welder qualification test.
- ◆ Control of Welding consumables, baking record for low hydrogen electrodes.
- ◆ Calibration of Welding equipments and Inspection instruments.
Inspection of pipe spools during and after fabrication

TRANSPETRO ENGINEERING, Kochi ,India.

Welding Inspector & QC Engineer (From June 2009 – December 2009).

Job responsibilities:

- ❖ Conducting the Welding Inspection of pipings. & Structural
- ❖ Fit up Inspection of pipes prior to welding.
- ❖ Linechecking after all welding is complete as per the approved drawings.
- ❖ Updating welding history sheet and clearing for coating/ painting.
- ❖ Prepare and review of PQR and WQT records.
- ❖ Prepare and review of NDT procedures.
- ❖ Preparation & maintaining of all Inspection Reports.
- ❖ Conducting Tool Box meetings prior to the start of any Mechanical activity.
- ❖ Issuance of NCR when there is any violation of Standards.
- ❖ Prepare and review of all approved WPS.
- ❖ Conducting and Witness of Welder qualification test.
- ❖ Control of Welding consumables, baking record for low hydrogen electrodes.
- ❖ Calibration of Welding equipments and Inspection instruments.
- ❖ Inspection & NDT of pipe spools during and after fabrication.

- **QC Engineer/Welding Inspector** in a reputed (ISO 9001-2000) Company
(VIGIL ENGINEERING) Sharjah, U.A.E, From August-2004 to May-2009
 - ❖ **Job responsibilities:**
 - ❖ Conducting the Welding Inspection of pipings. & Structural
 - ❖ Fit up Inspection of pipes prior to welding.
 - ❖ Line checking after all welding is complete as per the approved drawings.
 - ❖ Review of Test Packages and witnessing the Hydrostatic & Pneumatic Testing of Piping.
 - ❖ Preparation & maintaining of all Inspection Reports.
 - ❖ Conducting Tool Box meetings prior to the start of any Mechanical activity.
 - ❖ Issuance of NCR when there is any violation of Standards.
 - ❖ Prepare and review of all approved WPS.
 - ❖ Conducting and Witness of Welder qualification test.
 - ❖ Control of Welding consumables, baking record for low hydrogen electrodes.
 - ❖ Calibration of Welding equipments and Inspection instruments.
 - ❖ Inspection & NDT of pipe spools during and after fabrication.
 - ❖ Updating welding history sheet and clearing for coating/ painting.
 - ❖ Prepare and review of PQR and WQT records.
 - ❖ Prepare and review of NDT procedures.
 - ❖ **Strictly follow Safety standards as per OSHS**

- **Inspection Engineer with AG Associates, Kochi,India**
From June 2001- July 2004
 - ❖ Worked as a third party inspector for the fabrication of Storage Tanks .
 - ❖ **Conducting NDT Work. VT,RT,RTFI,UT,PT,MPT,LT**
 - ❖ Conducting NDT works such as Ultrasonic Flaw detection,
 - ❖ Ultrasonic Thickness survey, Magnetic Particle testing, Dye
 - ❖ Penetrant testing, Vacuum box leak testing etc.
 - ❖ Conducting Hydrostatic pressure testing of Pipings,
 - ❖ Revalidation testing of PressureVessels, Heat exchangers etc.
 - ❖ Conducting Inspection of Pressure vessels, Lifting equipments
 - ❖ Preparation of Isometric drawings in AutoCAD
 - ❖ Conducting Tool Box meetings prior to the start of any Mechanical activity.
 - ❖ **As Piping Inspection Engineer For Petrol Bunks**

- **Apprentice Trainee with M/S Fertilisers And Chemicals Travancore Ltd Cochin , India**
From June 2000 to June 2001 (FACT LTD)
 - ❖ Maintenance , Testing & Assembly of heavy Pumps
 - ❖ Condition based maintenance referring vibration analysis
 - ❖ Supervision in the Maintenance , Testing & Trouble shouting of Rotating Equipments
 - ❖ Condition Based Maintenance by Vibration Analysis
 - ❖ Preparation of fabrication drawings in AutoCAD
 - ❖ Assisting In Job Allocation
 - ❖ Maintaining Work Log in Mechanical Maintenance Work Shop.
 - ❖ Revalidation testing of PressureVessels, Heat exchangers etc.
 - ❖ Conducting Inspection of Pressure vessels, Lifting equipments
 - ❖ Stress Analysis Using CAESAR 2
 - ❖ Under FEDO (FACT Engg Design Organisation)

- Mechanical QC Engineer with **M/S RJ Enterprises (P) Ltd Kochi, India**, from June 1999- June 2000

- ❖ Conducting NDT Work. VT,RT,RTFI,UT,PT,MPT,LT
- ❖ Preparing drawing and executing the work.
- ❖ Steel inspector.
- ❖ Supervision in the Maintenance , Testing & Trouble shouting of Rotating Equipments
- ❖ Maintenance of Boilers
- ❖ Preparation & maintaining of all Inspection Reports.
- ❖ Conducting Tool Box meetings prior to the start of any Mechanical activity.

Apprentice Trainee with **M/S Travancore Cochin Chemicals Ltd Kochi, India**, from Dec 1998- May 1999 (TCC LTD)

- ❖ Maintenance , Testing & Assembly of heavy Pumps
 - ❖ Condition based maintenance referring vibration analysis
 - ❖ Pressure testing of pumps
 - ❖ Supervision in the Maintenance , Testing & Trouble shouting of Rotating Equipments
 - ❖ SPreparation of fabrication drawings in AutoCAD
 - ❖ Assisting In Job Allocation
 - ❖ Maintaining Work Log in Mechanical Maintenance Work Shop.
- Revalidation testing of PressureVessels, Heat exchangers etc.

EDUCATIONAL QUALIFICATION

- **Diploma in Mechanical Engineering.** (First Class)
June 1995-June 1998 Govt. Polytechnic College, kalamassery Kochi,India
Department of Technical Education Kerala State.India.
- **Pursuing AIME**
- **Matriculation**
March 1993-Vidyadhiraja Vidhya Bhavan English Medium High School,Aluva,India
Department of General Education Kerala State.
- **Under Graduation** (Maths Group)
June 1993- April 1995Union Christian College ,Aluva, India
Mahatma Gandhi University , Kottayam , Kerala, India

TECHNICAL QUALIFICATION:

1. **AWS-Certified SENIOR CERTIFIED WELDING INSPECTOR (SCWI)**
QC1, Certificate No: **15010118** (CWI From 2007 onwards)
- 2) **CSWIP BGAS 2 PAINTING/ COATING INSPECTOR**
(Certificate No.401673)
3. **ASNT LEVEL-II in UT, MT, PT, VT ,RT, RTFI**
(Trained From Leading Institutes NDT Tech Kottayam & GIT Trichy,IMS Kochi)
4. **Certificate Course in Marine NDT**
(Trained From Aries Institute Of Marine Technology Kochi)
5. **Attended Safety Training Conducted by Kochi Refineries Ltd,Koch, DP World Dubai**
(Four Day seminar And Training For Contract Supervisors)
6. **Actively Participated in Various Industrial Mock Drills**
(From August2004-April 2009 During Vigil Engg Sharjah)
7. **Associated With around 50 Industries Throughout Kerala State,India**
(From June2001-July2004 During A.G Associates Kochi)
8. **IRCA Certified Lead Auditor –QMS -ISO 9001-2015**
9. **Pre Start up audit team member for various projects**
10. **Actively Reviewed/Interpreted more than 7000 gamma (Ir-92/, Se-75)) /X-ray- RT Films**

COMPUTER KNOWLEDGE:

Diploma in Computer Application

AutoCAD, MS-Project, MS-Office. CAESAR 2 (Stress Analysis)while working with FEDO (FACT Engg Design Organisation Ltd)

PERSONAL ASSESSMENT

My approach is very down to earth

I am able to find solution, which are simple , acceptable to all, and result oriented

Excellent interpersonal skills, capable of handling people at all level

Flexibility and ability to meet deadlines, outgoing and pleasant personality

Attitude to work in adverse situation

PERSONAL PROFILE:

Name : Mahesh Kumar P.A
Age & Date of Birth : 43, May 1978
Nationality : Indian.
Permanent Address : Kurumthala House
Thottumughom P.O
Kuttamassery, Aluva-683105
Kerala, India
Mbl: **0091 9562085999**,
mahesh781@gmail.com,mahesh781@yahoo.com
Gender : Male.
Physique : 176 Cm, 79Kg
Marital Status : Married
Linguistic Ability : English, Hindi, Malayalam, Tamil.
Religion : Hindu
Hobbies : Music, Sports, Body Building,Arts, Swimming
Passport No. : XXXXX Upto : 21/05/2029
Strength : Optimist, Motivator, Honest & A True Human Being
Sustainable Growth promoter, ,Birds & Animals Lover
Owns Rabbits ,Birds, Pet Dogs and Cats Father for my daughter, Husband
for my wife, Son for my parents and a loved one for my relatives and friends
Life Motto : Co Existence
Dream : Leave the Earth without disturbing Eco system

DECLARATION:

I hereby declare that the details furnished above are true to the best of my knowledge.

Place: Kochi Kerala India

Yours Truly,

Date

Mahesh Kumar P.A