

**Ebinesh Lourduraj**

**QC Welding Inspector**

**CSWIP 3.1, ASNT Level - II**

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### **Professional Profile:**

QC Welding Inspector 6+ years of experience in quality control, welding inspection and NDT (as per relevant standards and codes) for Oil and Gas Plants and Power Plants.

### **Skills:**

- Visual inspection for piping and valve casting material as per ASME B31.3.
- Witness and inspection for welder's qualification test as per ASME sec IX.
- Inspection for NDT activities PT,MT,RT and UT as per ASME sec V and ASME B31.3.
- Interpretation of RT films and rectifying the defects as per ASME sec VIII and ASME B31.3.
- Witness for PWHT and reviewing of charts as per ASME sec VIII and ASME B31.3.
- Witness and inspection for Hydro test as per ASME sec VIII and ASME B31.3.
- Reviewing and inspection of packaging of pipe lines and verification of documents.
- Inspect before welding as in FIT-UP stage and approval of welding as per ASME B31.3.
- Maintaining the welders performance report and log of welding parameters.
- Periodically conduct tools box meeting to welders make awareness of procedure for welding and safety.

### **Technical Certification:**

- ✓ CSWIP 3.1 (cert. no. 357190) valid upto: 2024
- ✓ ASNT Level - II (PT,MT,RT,UT) valid upto: 2024
- ✓ AutoCAD
- ✓ Solidworks

### **Career Summary:**

**Nasser S. Al-Hajri Corp. W.L.L. (NSH) (2019 to Till Date) – BAHRAIN.**

**Role: QC Welding Inspector**

Project: **BAPCO Modernization Program Project (BMP) at BAPCO Refinery.**  
Approval: **QC Welding Inspector (TTSJV) (Ref. No.: LET-JVS-NSH1-0013)**  
Client: **TECHNIP TECHNICAS REUNIDAS SAMSUNG ENGINEERING Joint Venture (TTSJV)**  
Owner: **Bahrain Petroleum Company (BAPCO)**

### **Responsibilities:**

#### **Welding**

- ➡ Monitored Welding parameters, inter-pass temperature and Post heat as per WPS and PQR.
- ➡ Visual inspection of Completed welds as per Codes and Std.
- ➡ Conducted Welder qualification test as per ASME SEC IX, API 1104 & Training programs.

- Maintained Welder performance reports.
- Prepared documents, inspection reports in computerized environment.
- Conducted toolbox talks for welders and fabricators.
- Witness for project records, reports, and final submission to client.
- Preparing hydro test packages in system wise as per requirement.
- Identification of weld repairs and problem solving with welders, inspectors and fabrication supervisor.

### **Inspection**

- Witness for PT, MT, RT & UT NDT Methods.
- Review and interpretation of NDT reports and acceptance of welds as per ASME sec B31.3, API 1104, AWS D1.1 ( RT,UT,PT & MT )
- Witness for NDT reports and Weld history sheets.
- Conducted Hydro Testing & Pneumatic Testing. As per ASME B31.3.

### **Gulf Spic General Trading & Contracting CO. W.L.L. (GS) (2017 to 2019) – KUWAIT.**

#### **Role: QC Piping / Welding Inspector**

Project: **EPC & Commissioning of Balance Activities for New Acid Gas Removal Project (NAGRP) at MAA Refinery.**

Approval: **QC Piping Inspector (KNPC)** (Ref. No.: NAGRP-K-GS-F-0534)

Authorized: **KNPC Authorization Executor** (Competency ID: 6A/2188)

Permit Holder: **PTW Holder (KNPC)** Approval by: SSE (Safety Projects HSE)

Client: **Kuwait National Petroleum Corporation (KNPC)** (direct client)

### **Responsibilities:**

#### **Construction**

- Interpretation of weld drawings, weld symbols. Coordination with production supervisor regarding weld symbols and welding methods.
- Inspected Materials for Piping and Structural as per ASME B31.3, AWS D 1.1.
- Review and acceptance of Mill certificate for Materials and Welding Consumables as per ASME sec II Part A&C.
- Inspected Alignment and Orientation for structural & piping fit-up inspection to client as per WPS and Specification.

- Inspected Edge preparation before Welding. As per Approved WPS.
- Verification of Preheat as per WPS and Applicable codes.

### **Welding**

- Monitored Welding parameters, inter-pass temperature and Post heat as per WPS and PQR.
- Visual inspection of Completed welds as per Codes and Std.
- Conducted Welder qualification test as per ASME SEC IX, API 1104 & Training programs.
- Maintained Welder performance reports.
- Prepared documents, inspection reports in computerized environment.
- Conducted toolbox talks for welders and fabricators.
- Maintaining Project records, reports, and final submission to client.
- Preparing Hydro test Packages in system wise as per requirement.
- Identification of weld repairs and problem solving with welders, inspectors and fabrication supervisor.

### **Inspection**

- Conducted VT, PT, MT, UT, & RT NDT Methods.
- Maintaining of radiography films and final submission to client.
- Review and interpretation of NDT reports and acceptance of welds fittings as per ASME sec B31.3, API 1104, AWS D1.1 ( VT,UT,PT & MT )
- Maintaining NDT reports and Weld history sheets.
- Conducted Hydro Testing & Pneumatic Testing. As per ASME B31.3.

### **Neptune Inspection Technologies (NIT) (2016 to 2017) – Trichy, INDIA.**

**Role: QC Incharge**

#### **Responsibilities:**

Incharge of QC, Inspecting PT, MT, RT, UT, VT, RTFI and approval of testing, maintaining documentation and procedure, RT film interpretation, RT shooting sketch, preparing DAC in UT, assistance to the welding inspector & inspecting welding, preparing procedure & welder qualify certificate, allot job to the technician, visual and inspection and dispatch.

#### **Clients:**

URC Constructions pvt. Ltd., RVNL Rail Vikas Nigam Ltd., Pipe & Hangers Support Ltd., Velmurugan Heavy Industries pvt. Ltd., BHEL Trichy, OFT Trichy, TVS Sundharam Fasteners Ltd. Pondy, L&T Coimbatore, etc.,

**Venkatalakshmi Alloy Casting PVT. LTD. (VAC) (2014 to 2016) – Coimbatore, INDIA.**

**Role: QC Engineer**

**Responsibilities:**

Doing various casting and welding jobs verifying PT, MT, RT, UT maintaining documentation, hydro-test, final inspection.

Clients:

Saudi pump factory, BHEL Punjab, BHEL Trichy, NTPC, NPCIL, ONGC, Flow serve, Orbinox, etc.,

**Bharat Heavy Electricals LTD. (BHEL) (2013 to 2014) – Trichy, INDIA.**

**Role: NDT Trainee**

**Description:**

This programme is organized by BHEL educational society in association with ISNT, Tiruchirappalli chapter based on SNT-TC-1A instructions, theory classes in ISNT & industrial training in BHEL, NDTL departments at header shop, drum shop, pipe shop, advance technology production shop, tubular production shop & also gaining knowledge about RTR, micro-focal, phased array, welding process; welding, casting & forging defects.

**Education:**

- **CSWIP 3.1 Welding Inspector** (cert. no: 357190) in The Welding Institute (India) Private LTD. (TWI) at Trichy in **2018**.
- **NDT LEVEL-II (PT, MT, RT & UT)** in Indian Society for Non - Destructive Testing (ISNT) at BHEL, Trichy in **2014**.
- **B.E. Mechanical Engineering** in Mother Teresa College of Engineering and Technology (MTCET) at Pudukkottai in **2013**.
- **Diploma in Mechanical Engineering** in Srinivasa Polytechnic College (SPTC) at Pudukkottai in **2010**.
- S.S.L.C. in Sacred Heart Higher Sec. School at Trichy in 2007.

**Personal Details:**

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**QC Welding Inspector**

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Gender : Male  
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**Declaration**

I hereby declare that the above furnished information is true and correct to the best of my knowledge and belief.

Place: Trichy, INDIA  
Date:

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