

RAJAGOPAL PACHAYAPILLAI



B.E. Mechanical Engineer.

No.469, North Street,
Siruvangur Post, Kallakurichi-
Pin-606213

Email Id:rajagopalmech1293@gmail.com
Contact No: +91-8526343022

Passport No : L7002168
Aadhaar No : 208525662788

Career Objective

Dynamic Quality Control Engineer with over 11 years of experience in third-party inspection and Non-Destructive Testing (NDT) Level II certification. Dedicated to advancing inspection methodologies, optimizing quality documentation, and ensuring compliance with national and international standards. Aspiring to utilize Six Sigma Black Belt expertise to drive continuous improvement and deliver exceptional customer satisfaction.

Professional Experience

Career Growth -3: Working as Sr.Quality-Engineer in BRIS Engineering Services from April-2021 to Till Date

Key Skills Achievements:

- **Verification of Materials:** Ensure all materials conform to approved drawings and specifications, maintaining quality and compliance.
- **Process Verification:** Oversee and verify passivation, anodizing, hard chroming, and electro polish processes to ensure they meet specified requirements and standards.
- **Visual and Dimensional Inspection:** Conduct thorough visual and dimensional inspections for machined, casting, and fabrication components to ensure accuracy and quality.
- **Documentation:** Prepare and maintain detailed inspection reports, quality manuals, and standard operating procedures.
- **Compliance:** Ensure all inspection processes adhere to national and international standards such as ASME, ASTM, ISO, and API.
- **Continuous Improvement:** Implement best practices and innovative techniques to enhance inspection efficiency and accuracy.
- **Customer Interaction:** Understand and address the specific needs and requirements of customers, ensuring high levels of satisfaction.
- **Training and Development:** Provide training and guidance to junior inspectors and technicians to ensure consistent quality and adherence to standards.
- **Problem Solving:** Identify and resolve issues related to inspection processes and quality control, utilizing Six Sigma methodologies for continuous improvement.

Career Growth -2: Working as NDT-QC-Engineer in Blue Ray Inspection Services from August-2017 to April 2021.

Key Skills Achievements:

- **Verification of Piping Materials:** Ensure all piping materials conform to approved drawings and specifications.
- **Verification of Welding Process:** Oversee and verify welding processes as per the Welding Procedure Specification (WPS).
- **Witnessing Tests:** Witness and verify the execution of Liquid Penetrant Tests, Positive Material Identification (PMI) Tests, and Hardness Tests.
- **Visual and Dimensional Inspection:** Conduct thorough visual and dimensional inspections to ensure components meet quality standards.
- **Witnessing Hydro Tests:** Oversee and witness hydrostatic testing to ensure system integrity and compliance.
- **Review of RT Film and MTC:** Review Radiographic Testing (RT) films and Material Test Certificates (MTC) to ensure compliance with specifications.
- **Verification of Raw Materials:** Ensure all raw materials conform to approved drawings and specifications.

Career Growth -1: Working as Quality & Production Engineer in New Tech Industries from July 2014 to July-2017

Key Skills Achievements:

- **Verification of Gear Shaft Materials:** Ensure all gear shaft materials conform to approved drawings and specifications.
- **Visual and Dimensional Inspection:** Conduct thorough visual and dimensional inspections for machined components, particularly gear components, to ensure they meet quality standards.
- **Operator Performance Training:** Provide training to operators to enhance performance and implement rejection control measures, with a focus on gear manufacturing processes.
- **CNC Machining Process:** Utilize extensive knowledge of CNC machining processes to ensure precision and efficiency in the manufacturing of gear components.

Technical Education Profile

AMERICAN SOCIETY FOR NON-DESTRUCTIVE TESTING (ASNT)

- Ultrasonic Testing Level – II
- Radiographic Testing Level – II
- Magnetic Partial Testing Level– II
- Penetrant Testing Level – II
- Radiography Film Interpretation Level-II
- Visual Level-II

Career Projects Profile

- **Third Party Inspection Activities:**
 - Study and understand customer quality plans, standards, and codes.
 - Review supplier quality plans and processes.
 - Review material control plans, WPS, and PQR.
 - Conduct in-process inspections (cutting, casting, fabrication, welding, machining, and testing).
 - Prepare and submit quality documents to customers.
 - Review and follow up on corrective and preventive actions.
 - Update customers on product/process progress.
- **Customer/Project Coordination:**

Coordinate with international and domestic customers for components/parts manufactured in India and abroad, including:

 - **SUNDYNE - BOMBAS EROCLE MARELLI, Spain**
 - **SUNDYNE - ARVADA, US**
 - **ACCUDYNE, India**
 - **MILTON ROY, France**
 - **MILTON ROY - IVYLAND, US**
 - **MILTON ROY - HASKEL**
 - **MP PUMPS, US**
 - **THUTIL PUMPS, US**
 - **TRILLEUM PUMPS, US**
 - **Various Indian customers**

Academic Profile

- BE Mechanical [2014] with aggregate of 7.36% from AKT memorial college of Engineering and Technology.
- Higher secondary [2010] with aggregate of 68% from Govt., Boys Higher Secondary School Kallakurichi
- Primary [2008] with aggregate of 84.2% from Govt higher Secondary Somandargudi.

Field Of Interest

- Vendor development and supplier quality inspection
- Non-Destructive Testing (NDT)
- Welding inspection and machining inspection
- Final inspection and pre-dispatch inspection

Personal Skill

- Customer handling and measuring instrument calibration
- Process and product validation and outgoing inspection
- Punctual and disciplined work ethic
- Leadership and motivation of quality personnel
- Flexibility to accommodate all shifts and areas
- Proficiency in 5-S housekeeping and Six Sigma concepts

Personal Details

- Father Name: Pachayapillai.M
- Mother Name: Kolanji.P
- Date of Birth: 12-02-1993
- Permanent Address: No 469, North Street, Siruvangur Post, Kallakurichi-606213
- Marital Status: Unmarried
- Language Known: Tamil, English, Hindi (Beginner)

Declaration

I hereby declare that all the statements given above are true, complete and correct to the best of my knowledge and belief.

Place:**Signature**
(Rajagopal)**Date:**

NDT LEVEL-II CERTIFICATE

LIQUID PENETRANT TESTING

Blue ray
INSPECTION SERVICES
ISO 9001:2015 CERTIFIED ORGANISATION
No.15, Mathura Ilam, Abriani Nagar, SIDCO, Industrial Estate - Post
Madhukarai Main Road, Kanchi, Cumbatore - 641021.
Email : biretraining@gmail.com www.birend.org

S.No.	K1B/564	File No :	615/18/118	Venue :	COMBATORE
Candidate Name	MR RAJAGOPAL				
Certified in	LEVEL - II				
Certified Method	LIQUID PENETRANT TESTING Technique N/A				
Certification Issued	7/6/2018 Certification Due 6/7/2023				
Work Experience	2 MONTHS In House Training 16 HRS				
Academic Qualification	BE (MECH)				

This Certificate issued to Mr. RAJAGOPAL _____ of M/s. SELF SPONSORED _____ has successfully completed Written and demonstrated practical examination in LIQUID PENETRANT TESTING Level II accordance with ASNT written Practice Document No. SNT-TC-1A 2016 ed., the satisfactory requirements mentioned below.

Examination results

Examination	Score Obtained	Passing Minimum
General	85.00	70.0%
Specific	85.00	70.0%
Practical	78.00	70.0%
Simple Average	81.00	80.0%
Vision Acuity	12	
Color Vision	OK	

Note: Vision Acuity Required Accurately by the ASNT NDT level-II
Color Vision Required Accurately by the ASNT NDT level-II

This certificate is issued to enable the employee to certify the individual as per their written practice Based to the requirements of SNT-TC-1A 2016 ed.,

Certified Renewal as per the Requirements of ASNT SNT-TC-1A Practice.

S. SENTHIL KUMAR
Certifying Authority

ASNT NDT Level III

MAGNETIC PARTICLE TESTING

Blue ray
INSPECTION SERVICES
ISO 9001:2015 CERTIFIED ORGANISATION
No.15, Mathura Ilam, Abriani Nagar, SIDCO, Industrial Estate - Post
Madhukarai Main Road, Kanchi, Cumbatore - 641021.
Email : biretraining@gmail.com www.birend.org

S.No.	K1B/564	File No :	615/18/210	Venue :	COMBATORE
Candidate Name	MR RAJAGOPAL				
Certified in	LEVEL - II				
Certified Method	MAGNETIC PARTICLE TESTING Technique N/A				
Certification Issued	11/5/2018 Certification Due 10/6/2023				
Work Experience	28 MONTHS In House Training 24 HRS				
Academic Qualification	BE (MECH)				

This Certificate issued to Mr. RAJAGOPAL _____ of M/s. SELF SPONSORED _____ has successfully completed Written and demonstrated practical examination in MAGNETIC PARTICLE TESTING Level II accordance with ASNT written Practice Document No. SNT-TC-1A 2016 ed., the satisfactory requirements mentioned below.

Examination results

Examination	Score Obtained	Passing Minimum
General	82.50	70.0%
Specific	85.00	70.0%
Practical	76.00	70.0%
Simple Average	81.17	80.0%
Vision Acuity	12	
Color Vision	OK	

This certificate is issued to enable the employee to certify the individual as per their written practice Based to the requirements of SNT-TC-1A 2016 ed.,

Certified Renewal as per the Requirements of ASNT SNT-TC-1A Practice.

S. SENTHIL KUMAR
Certifying Authority

ASNT NDT Level III

RADIOGRAPHY TESTING

Blue ray
INSPECTION SERVICES
ISO 9001:2015 CERTIFIED ORGANISATION
No.15, Mathura Ilam, Abriani Nagar, SIDCO, Industrial Estate - Post
Madhukarai Main Road, Kanchi, Cumbatore - 641021.
Email : biretraining@gmail.com www.birend.org

S.No.	K1B/564	File No :	615/18/210	Venue :	COMBATORE
Candidate Name	MR RAJAGOPAL				
Certified in	LEVEL - II				
Certified Method	RADIOGRAPHIC TESTING Technique N/A				
Certification Issued	28/7/2018 Certification Due 27/8/2023				
Work Experience	24 MONTHS In House Training 80 HRS				
Academic Qualification	BE (MECH)				

This Certificate issued to Mr. RAJAGOPAL _____ of M/s. SELF SPONSORED _____ has successfully completed Written and demonstrated practical examination in RADIOGRAPHIC TESTING Level II accordance with ASNT written Practice Document No. SNT-TC-1A 2016 ed., the satisfactory requirements mentioned below.

Examination results

Examination	Score Obtained	Passing Minimum
General	82.50	70.0%
Specific	90.00	70.0%
Practical	77.00	70.0%
Simple Average	83.17	80.0%
Vision Acuity	12	
Color Vision	OK	

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S. SENTHIL KUMAR
Certifying Authority

ASNT NDT Level III

RADIOGRAPHY FILM INTERPRETATION

Blue ray
INSPECTION SERVICES
ISO 9001:2015 CERTIFIED ORGANISATION
No.15, Mathura Ilam, Abriani Nagar, SIDCO, Industrial Estate - Post
Madhukarai Main Road, Kanchi, Cumbatore - 641021.
Email : biretraining@gmail.com www.birend.org

S.No.	K1B/608	File No :	660/15/2273	Venue :	COMBATORE
Candidate Name	MR RAJAGOPAL				
Certified in	LEVEL - II				
Certified Method	RADIOGRAPHIC TESTING Technique PRIM INTERPRETATION(UTI)				
Certification Issued	09/07/2019 Certification Due 08/01/2024				
Work Experience	24 MONTHS In House Training 80 HRS				
Academic Qualification	B.E (MECH)				

This Certificate issued to Mr. RAJAGOPAL _____ of M/s. SELF SPONSORED _____ has successfully completed Written and demonstrated practical examination in RADIOGRAPHIC FILM INTERPRETATION Level II accordance with ASNT written Practice Document No. SNT-TC-1A 2016 ed., the satisfactory requirements mentioned below.

Examination results

Examination	Score Obtained	Passing Minimum
General	85.00	70.0%
Specific	85.00	70.0%
Practical	80.00	70.0%
Simple Average	83.33	80.0%
Vision Acuity	12	
Color Vision	OK	

Note: Vision Acuity Required Accurately by the ASNT NDT level-II
Color Vision Required Accurately by the ASNT NDT level-II

This certificate is issued to enable the employee to certify the individual as per their written practice Based to the requirements of SNT-TC-1A 2016 ed.,

Certified Renewal as per the Requirements of ASNT SNT-TC-1A Practice.

S. SENTHIL KUMAR
Certifying Authority

ASNT NDT Level III

ULTRASONIC TESTING

Blue ray
INSPECTION SERVICES
ISO 9001:2015 CERTIFIED ORGANISATION
No.15, Mathura Ilam, Abriani Nagar, SIDCO, Industrial Estate - Post
Madhukarai Main Road, Kanchi, Cumbatore - 641021.
Email : biretraining@gmail.com www.birend.org

S.No.	K1B/564	File No :	615/18/2221	Venue :	COMBATORE
Candidate Name	MR RAJAGOPAL				
Certified in	LEVEL - II				
Certified Method	ULTRASONIC TESTING Technique UTI				
Certification Issued	09/07/2019 Certification Due 08/01/2024				
Work Experience	10 MONTHS In House Training 80 HRS				
Academic Qualification	BE (MECH)				

This Certificate issued to Mr. RAJAGOPAL _____ of M/s. SELF SPONSORED _____ has successfully completed Written and demonstrated practical examination in ULTRASONIC TESTING Level II accordance with ASNT written Practice Document No. SNT-TC-1A 2016 ed., the satisfactory requirements mentioned below.

Examination results

Examination	Score Obtained	Passing Minimum
General	90.00	70.0%
Specific	90.00	70.0%
Practical	90.00	70.0%
Simple Average	90.00	80.0%
Vision Acuity	12	
Color Vision	OK	

Note: Vision Acuity Required Accurately by the ASNT NDT level-II
Color Vision Required Accurately by the ASNT NDT level-II

This certificate is issued to enable the employee to certify the individual as per their written practice Based to the requirements of SNT-TC-1A 2016 ed.,

Certified Renewal as per the Requirements of ASNT SNT-TC-1A Practice.

S. SENTHIL KUMAR
Certifying Authority

ASNT NDT Level III

VISUAL TESTING

Blue ray
INSPECTION SERVICES
ISO 9001:2015 CERTIFIED ORGANISATION
No.15, Mathura Ilam, Abriani Nagar, SIDCO, Industrial Estate - Post
Madhukarai Main Road, Kanchi, Cumbatore - 641021.
Email : biretraining@gmail.com www.birend.org

S.No.	K1B/568	File No :	660/19/2272	Venue :	COMBATORE
Candidate Name	MR RAJAGOPAL				
Certified in	LEVEL - II				
Certified Method	VISUAL TESTING Technique N/A				
Certification Issued	04/01/2019 Certification Due 03/01/2024				
Work Experience	24 MONTHS In House Training 80 HRS				
Academic Qualification	B.E (MECH)				

This Certificate issued to Mr. RAJAGOPAL _____ of M/s. SELF SPONSORED _____ has successfully completed Written and demonstrated practical examination in VISUAL TESTING Level II accordance with ASNT written Practice Document No. SNT-TC-1A 2016 ed., the satisfactory requirements mentioned below.

Examination results

Examination	Score Obtained	Passing Minimum
General	90.00	70.0%
Specific	85.00	70.0%
Practical	80.00	70.0%
Simple Average	85.00	80.0%
Vision Acuity	12	
Color Vision	OK	

This certificate is issued to enable the employee to certify the individual as per their written practice Based to the requirements of SNT-TC-1A 2016 ed.,

Certified Renewal as per the Requirements of ASNT SNT-TC-1A Practice.

S. SENTHIL KUMAR
Certifying Authority

ASNT NDT Level III