

# P. MUTHU VIGNESH

Email: [muthuvignesh224@gmail.com](mailto:muthuvignesh224@gmail.com) Phone: +91-8248573973

## Professional Summary

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ASNT Level II Certified NDT Technician with 5 years of expertise in Non-Destructive Testing (UT, MT, PT, RT) and quality assurance. Proven track record in executing inspection plans, leading teams, and delivering precise reports for high-risk industrial projects. Adept at operating advanced NDT equipment and adhering to ASNT/SNT-TC-1A standards. IRATA Level-1 certified, ensuring proficiency in industrial rope access techniques for safe and efficient inspections in challenging environments.

## Technical Skills

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- **NDT Methods:** Ultrasonic Testing (UT), Magnetic Particle Testing (MT), Penetrant Testing (PT), Radiographic Testing (RT), RT Film Interpretation (RTFI)
- **Equipment:** Ultrasonic Flaw Detectors, Ultrasonic Thickness Gauge, MPI Machines, Dye Penetrant Kits, Radiography Systems
- **Standards:** ASNT Level II, SNT-TC-1A
- **Rope Access:** IRATA LEVEL-1

## Soft Skills

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- Team Leadership, Problem Solving, Deadline-Driven
- Technical Reporting, Communication Skills, Decision Making
- Adaptability, Conflict Resolution, Time Management

## Work Experience

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### Company: HEISCO

Project: *Kuwait National Petroleum Corporation (KNPC), Kuwait*

Apr 2024 – Jan 2025

Position: *NDT Technician*

- Perform UT, MT, and PT inspections on critical refinery components, ensuring compliance with ASME procedures .
- Coordinate inspection schedules, penetrant testing , manage field operations, and issue detailed defect reports with actionable recommendations.
- Supervise junior technicians and streamline communication between stakeholders to meet project deadlines.

### NDT Inspector

*Diamond NDT Inspection Service, India*

July 2020 – Jan 2024

- Conducted ultrasonic testing (UT), penetrant testing (PT), and magnetic particle testing (MT) for industrial clients, achieving high accuracy in defect detection and ensuring compliance with industry standards.

- Prepared ASNT-compliant inspection reports and mentored trainees in NDT best practices.
- Collaborated with cross-functional teams to streamline inspection processes, reducing turnaround time and improving project efficiency.

### **Quality Inspector**

*Wheels India Ltd (TVS Group), India*

Aug 2018 – May 2020

- Programmed welding robots and performed post-weld quality checks, reducing rework.
- Experience in NDT methods such as PT, MT, UT Lamination, and UT Thickness checking of raw materials.

### **Supervisor**

*Ecom Express Ltd, India*

July 2017 – July 2018

- Managed daily operations for staff, resolving customer escalations and optimizing workflow efficiency.

## **Major Responsibilities**

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- Calibration of the tools and instruments.
- Visual State and Final Inspection of Welding and Pressure Parts as per ASME STANDARD.
- Witness various NDT Methods such as UT, MPI, PT on various types of materials.
- Performed inspection using Ultrasonic Thickness Survey.
- NDT Report Preparation and Documents as per requirements.
- Inspection of Various Types of Casting Jobs as per ASME & ASNT standard.
- Witness Conducting Ultrasonic Testing on Casting Jobs using Normal & Angle Probe.
- Welding Inspection of Pressure Vessels, Power Boiler Drums, Tank, Water Wall Panels, Economizer Coils as per IBR & ASME Standards.
- Carry out all kinds of Non-Destructive Testing inspections of welding, pressure vessels, weld visual, and dimensional inspection.
- Conduct all required NDT methods such as Ultrasonic thickness survey, Magnetic particle inspection, and Dye penetrant test for plot pipeline work and static equipment such as storage tanks, vessels, exchangers, and heater coils.
- Examine test results and prepare reports for submission to the project owner's inspection teams.
- Inspect welding of shop fabricated piping spools.
- Create isometric sketches of piping and equipment.
- Coordinate with client Q.C. Supervisors.
- Monitor & review all NDE (RT, UT, MT, and PT) activities as per code and client requirements.

## Education

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### Diploma in Mechanical Engineering

*KNSK Polytechnic College* —83% — 2017

### HSC

*Govt. Hr. Sec. School* —73% — 2015

### SSLC

*Govt. Hr. Sec. School* —80% — 2012

## Certifications

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- **ASNT Level II Certifications**
  - Ultrasonic Testing (UT)
  - Magnetic Particle Testing (MT)
  - Penetrant Testing (PT)
  - Radiographic Testing (RT)
- **Rope access IRATA LEVEL - 1.**

## Personal Details

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**Address:** 15j, South Car Street, Vallioor-627117, Tirunelveli District, Tamil Nadu

### Passport Details:

Passport No: P8925125

Date of Issue: 04.04.2017

Date of Expiry: 03.04.2027

Place of Issue: Madurai

**Date of Birth:** 31/12/1997

**Gender:** Male

**Nationality:** Indian

**Marital Status:** Single

**Languages Known:** Tamil, English

## Declaration

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I hereby declare that all the details furnished here are true to the best of my knowledge and belief.

Date: \_\_\_\_\_

Place: \_\_\_\_\_

Yours faithfully,  
**P. MUTHU VIGNESH**

Register No.

15256418



Certificate No.

DCN 663333

**STATE BOARD OF TECHNICAL EDUCATION AND TRAINING**  
**DEPARTMENT OF TECHNICAL EDUCATION**  
**CHENNAI - 600 025,**  
**TAMIL NADU**

**This Diploma**

**in**

**MECHANICAL ENGINEERING**

**is awarded to**

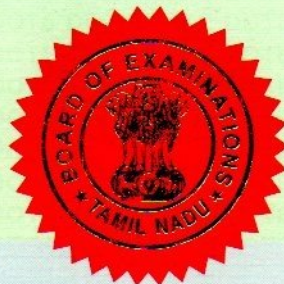
**MUTHU VIGNESH P**



**who has completed the prescribed course of study**  
**in the above discipline and passed in**

**FIRST CLASS WITH DISTINCTION**

**in the examinations held in**  
**APRIL 2017**



Chairman  
Board of Examinations  
Tamil Nadu

Minister for Education and Chairman  
State Board of Technical Education  
and Training, Tamil Nadu



# NATHAM NDT TRAINING AND SERVICES

42 I, Richa's Complex, North Main Road, Vallioor, Tamil Nadu, India - 627117.

Phone: +91 4637 222722.

www.nathamndt.com

## NDT LEVEL - II

### Certification for Non Destructive Testing

**Mr. P. Muthu Vignesh**

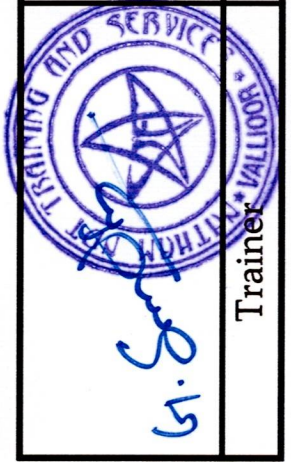
Has satisfactorily completed the Magnetic Particle Testing Training Course and Passed the examination successfully. He has been awarded this certificate in accordance with the company reference written practice NNTS-WP-002-rev00 as per ASNT recommended practice SNT - TC - 1A - 2016.



Certificate No : NNTS/2020-339

Qualification: DME		Vision: J1		Color: 24 plates		Experience: 12 Months		
Method	Hours	General	Specific	Practical	Grade	Issued On	Valid Upto	Category
MT	40	85	82.5	87	84.8	May 2020	April 2025	Weld

Renewed Based on  
experience and retest, the  
validity has been extended  
upto ..... **MARCH 2030** .....

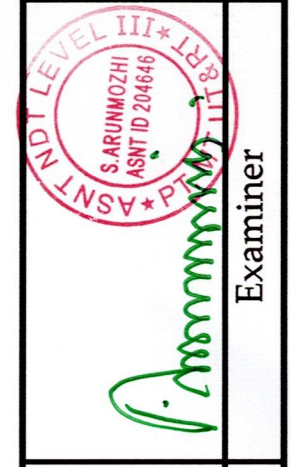


Trainer

1<sup>st</sup> Renewal

2<sup>nd</sup> Renewal

Examiner





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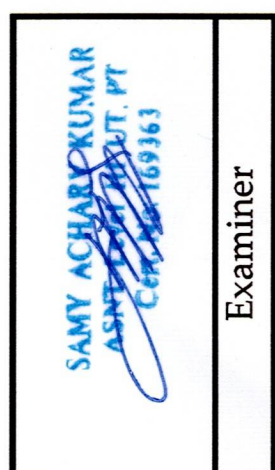
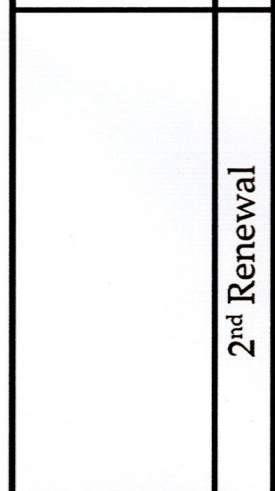
Has satisfactorily completed the Penetrant Testing Training Course and Passed the examination successfully. He has been awarded this certificate in accordance with the company reference written practice NNTS-WP-002-rev00 as per ASNT recommended practice SNT - TC - 1A - 2016.



Certificate No : NNTS/2020-341

Qualification: DME		Vision: J1		Color: 24 plates		Experience: 12 Months		
Method	Hours	General	Specific	Practical	Grade	Issued On	Valid upto	Category
PT	40	85	85.8	85	85.2	May 2020	April 2025	Weld

Renewed Based on experience and retest, the validity has been extended upto **MARCH 2020**





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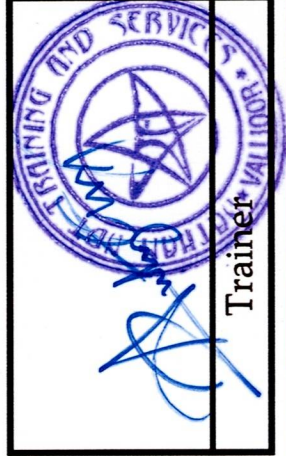
Has satisfactorily completed the Radiography Testing Training Course and Passed the examination successfully. He has been awarded this certificate in accordance with the company reference written practice NNTS-WP-002-rev00 as per ASNT recommended practice SNT - TC - 1A - 2016.



Certificate No : NNTS/2020-340

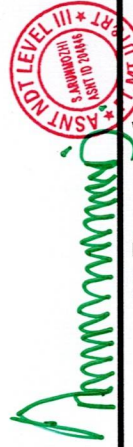
Qualification: DME		Vision: J1		Color: 24 plates		Experience: 12 Months	
Method	Hours	General	Specific	Practical	Grade	Issued On	Valid Upto
RT	80	82.5	89	85	85.5	May 2020	April 2025
						Category	Weld

Renewed Based on experience and retest, the validity has been extended upto **MARCH..2030**

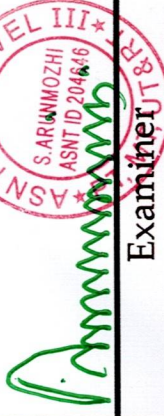


Trainer

1<sup>st</sup> Renewal



2<sup>nd</sup> Renewal



Examiner



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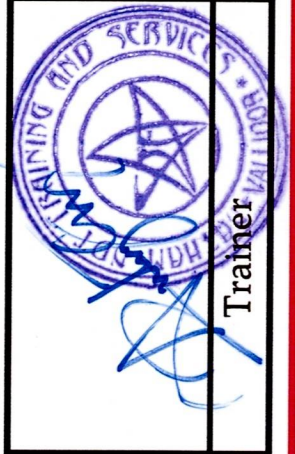
Has satisfactorily completed the Ultrasonic Testing Training Course and Passed the examination successfully. He has been awarded this certificate in accordance with the company reference written practice NNTS-WP-002-rev00 as per ASNT recommended practice SNT - TC - 1A - 2016.



Certificate No : NNTS/2020-342

Qualification: DME		Vision: J1		Color: 24 plates		Experience: 12 Months		
Method	Hours	General	Specific	Practical	Grade	Issued On	Valid Upto	Category
UT	80	87.5	85.8	85	86.1	May 2020	April 2025	Weld

Renewed Based on experience and retest, the validity has been extended upto ...**MARCH**....**2030**



Trainer

1<sup>st</sup> Renewal

2<sup>nd</sup> Renewal

SAMY ACHARY KUMAR  
ASNT Level III UT. PT  
CON-359-169363

Examiner



مصفاة ميناء الاحمدي  
تصريح مقاول سنوي



رقم التصريح: 380194 الصلاحيه: 31/12/24

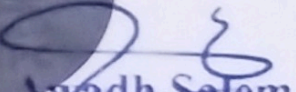
الرقم المدني: 297123106235 الجنسية: الهند

الاسم: موثو فيجنيش بيرومال

جهة العمل: شركة الصناعات الهندسية الثقيلة

رقم العقد: CA/4126/A

المهنة: عمل

  
Awadh Salem  
Manager, Security & Fire

م. الغاز  
G/P

المصفاة  
Refinery

البوابة الرئيسية  
Main Gate

الإدارة  
Admin

رصيف الكبريت  
Sulphur Pier

ر. الشمالي  
N/Pier

ر. الجنوبي و م. القوارب  
S/Pier & S.B.Harbor

ر. الجديد  
New Pier

