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Executive Summary

ASNT Level III (UT, MT, PT), PCN Level II (UT, PA, TOFD) CSWIP AUT Data Interpretation Level II, AWS Certified Welding Inspector (CWI) and AWS Certified Radiographic Interpreter (CRI) with 25 years of experience in the Oil and Gas Industry. Extensive expertise in Procedure Development, training of Level I and II personnel in the methods of UT, MT, PT, Phased Array and TOFD. Olympus NDT approved Instructor for Phased Array and TOFD since 2009. Experienced Manager with responsibilities of daily operations, strategic planning, marketing and business development.

-More than 25 years of experience in the oil and gas, petrochemical, and power-utility industries. Specialized skills and proven abilities in advanced NDT, quality control and assurance, welding and material/mechanical engineering. Worked extensively with ASME, ANSI, API and AWS Codes.

-Self-motivated, conscientious, committed team player with good communication skills; patient, safety oriented, good sense of humor and drive, with excellent organizational abilities.

-Advanced user of Microsoft Office suite: Word, Excel, PowerPoint, Outlook.
Proficient user of Adobe Photoshop, Illustrator, Acrobat Professional.

-Working knowledge of Web Design, Search Engine Optimization and Internet Marketing.

Professional Background

NDT Training & Consulting, Trinidad & Tobago and Miami, Florida, USA
Independent Consultant/Instructor, 2009 - Present

Consultant and NDT Instructor responsible for training, developing procedures and general NDT consulting in the Oil and Gas industry.

Responsible for setting up course curriculum and lecturing to petrochemical and aviation companies in the various methods of Non-destructive Testing. Currently certified Level III in the disciplines of Ultrasonic Testing (UT), Magnetic Particle Testing (MT) and Liquid Penetrant Testing (PT) by the American Society for Non-destructive Testing. Consultant in the Advanced Non-Destructive Testing (NDT) Methods in the Petrochemical and related Industries in the Caribbean and Latin America. Was appointed in 2009 as one of 23 worldwide Advanced NDT Trainers by Olympus NDT, one of the leading manufacturers of NDT equipment.

Aquatech NDT Services, Trinidad & Tobago
Manager, 1990 - 2008

Innovative Manager with 20 years at Aquatech Non-destructive Testing Services. Responsibilities include overall management of company, working in conjunction with department managers implementing policies for contracts, marketing, safety and accounting. Worked on major projects for BP, SHELL, VALERO, STATIA Terminals N.V., BHP, PDVSA, TECHINT, FLUOR and BECHTEL and other multinational corporations in various countries such as Trinidad & Tobago, Venezuela, Jamaica, Costa Rica, Ecuador, USA including Hawaii, Guyana, Barbados, Antigua and Malaysia.

Sampling of projects completed

- Phased Array inspections during plant outages PCS Nitrogen, Trinidad
 - Miscellaneous outages ranging from 1 to 2 weeks in various plants 2010 to 2016
- Client Representative overseeing NDT contractors during plant turnaround PCS Nitrogen
 - O2 Plant Turnaround 6 weeks duration 2015
- Phased Array and UT inspections during plant turnaround PCS Nitrogen
 - Various Turnarounds duration average 4 weeks 2010 to 2016
- NDT Auditor working on behalf of PCS Nitrogen
 - Auditing various NDT contractors providing services for PCS Nitrogen duration 4 weeks 2015
- Phased Array inspections on all tanks at Phoenix Park Gas Processors, Trinidad
 - Tank inspection program duration 8 weeks 2013
- Training and implementation of DS-1 Category 5 UT Inspection for Rapid Oilfield Services
 - Training, equipment setup and field implementation of services in presence of client representative. Duration 3 weeks 2015
- Training, Qualification, Certification, Written Practice and Procedure Development for various start-up companies
 - Rigtech Services, Trinidad, Superior Rigging & Testing, Trinidad, George Union Pipe and Tank, Guyana between 2011 and 2014
- Phased Array training and procedure development for inspection in lieu of RT
 - ICE Geothermal Power Plant, Costa Rica duration 3 weeks 2013
- Miscellaneous inspection services during hydroelectric plant overhaul
 - Alstom, Peligre Plant, Haiti duration 4 weeks 2014
- Phased Array inspection during pipeline change out and repairs
 - Barbados Light and Power, Spring Garden Power Station, Bridgetown, Barbados 2015
- UT Training and Service Implementation
 - Jamaica Public Service Company, Kingston Power Station, Jamaica duration 2 weeks 2012
- Mooring Inspection including underwater and topside inspections
 - CALM Bouy system at STATIA Terminals NV (VALERO), St. Eustatius, N.A. duration 1994 to 2008
- NDT and Inspection on various platform construction and installation projects
 - Projects completed for BP, EOG Resources, Trinmar
- NDT and Inspection on various cross country and subsea pipeline installation
 - Projects completed for, BP, Petrotrin, Trinmar
- Phased Array training, procedure development and inspection program implementation
 - PETROTRIN, Trinidad during construction of Ultra Low Sulphur Diesel Plant
- UT Flaw Detection on 10% Nickel LNG tanks
 - Project completed for Atlantic LNG, Trinidad duration 3 months

Education and Training

2017

Lavender International, Houston, Texas
Phased Array Ultrasonic Testing (PCN re-certification)

2017

Lavender International, Houston, Texas
Time of Flight Diffraction (TOFD) (PCN re-certification)

2017

Lavender International, Houston, Texas
Ultrasonic Testing Level II (PCN re-certification)

2014

American Welding Society, Miami, Florida
Certified Welding Inspector (CWI)

2014

American Welding Society, Miami, Florida
Certified Radiographic Interpreter (CRI)

2013

The Welding Institute, Middlesbrough, UK
Automated Ultrasonic Testing (AUT) Data Interpretation

2012

Lavender International, Houston, Texas
Phased Array Ultrasonic Testing (PCN Certification)

2012

Lavender International, Houston, Texas
Time of Flight Diffraction (TOFD) (PCN Certification)

2012

Lavender International, Houston, Texas
Ultrasonic Testing Level II (PCN Certification)

2010

Davis NDE, Hoover, Alabama
Advanced Phased Array for Flaw Dimensioning and Crack Sizing

2010

Guided Wave Analysis LLC, San Antonio, Texas
Long Range Guided Wave Ultrasonic Testing

2009

Davis NDE, Hoover, Alabama
Advanced Ultrasonic Training for Phased Array

2009

Davis NDE, Hoover, Alabama
Basic Ultrasonic Training for Phased Array

2005

Dale Carnegie Training, Port of Spain, Trinidad
Effective Communications & Human Relations

1994

Incident Management Associates, Inc., St. Eustatius, Netherlands Antilles
Basic Incident Command System Training

1993

Cenac Environmental, Houma, Louisiana Hazmat/Hazwoper Training Oil Spill Response Incident Command System

1992

American Welding Society, Miami, Florida
Certified Welding Inspector (CWI)

1991

The American Society for Nondestructive Testing, Columbus, Ohio
Penetrant Testing Level III training
Magnetic Particle Testing Level III training
Ultrasonic Testing Level III training
Basic Level III training

1988

College of Oceaneering, Long Beach, California
Level II Ultrasonic Weld Inspection
Underwater Inspection and Nondestructive Testing
Commercial Air Diver Training

1985

Hillview College, Tunapuna, Trinidad
GCE "A" Level

1983

St. Mary's College, Port of Spain, Trinidad
GCE "O" Level

Certifications

ASNT Level III, 1991 - 2018
The American Society for Nondestructive Testing, Columbus, Ohio
ASNT Level III UT, MT, PT (57594)

ACCP Professional Level III, 2003 - 2013
The American Society for Nondestructive Testing, Columbus, Ohio
ACCP Professional Level III, UT, MT, PT (57594)

PCN Level II, 2012 - 2022
The British Institute of Non-Destructive Testing, Northampton, UK
PCN Level II UT (315096)

PCN Level II, 2012 - 2022
The British Institute of Non-Destructive Testing, Northampton, UK
PCN Level II Phased Array (315096)

PCN Level II, 2012 - 2022
The British Institute of Non-Destructive Testing, Northampton, UK
PCN Level II TOFD (315096)

CSWIP Level II, 2013 – 2018
TWI Certification Ltd., Cambridge, UK
Automated Ultrasonic Testing (AUT) Data Interpretation Level II

AWS CRI, 2014 - 2020
American Welding Society, Miami, Florida
AWS CRI (1404009N)

AWS CWI, 1992 – 1995, 2014 - 2020
American Welding Society, Miami, Florida
AWS CWI (92110671) Expired
AWS CWI (14090031) Current

Equipment owned and available for personal use on projects

Phased Array

Olympus OmniScan MX2 and OmniScan MX
Various transducers e.g. 5L64 and 5L16
Various wedges for use on plate
Various curved wedges for varying pipe sizes
Olympus and Jireh Encoders
Jireh Microbe Scanner with built-in encoder
Calibration Blocks including IIW, DSC, Navships, ASME

Time of Flight Diffraction (TOFD)

Olympus OmniScan MX2 and OmniScan MX
Olympus and Jireh Encoders
Jireh Microbe Scanner with built-in encoder
Jireh manual TOFD scanners with built in ODI encoders
TOFD Calibration blocks

Conventional UT

Olympus Epoch 600
Various transducers for use with ASME, AWS etc.
Various wedges for use on plate and pipe
Calibration Blocks including IIW, DSC, Navships, ASME, PACS

Magnetic Particle Testing/Penetrant Testing

MAGNAFLUX Y-1 Yoke
MAGNAFLUX Y-7 Yoke
MAGNAFLUX Y-8 Yoke
PARKER Permanent Magnet
PARKER PL-10 Coil
UV-A Light Meters
Visible Light Meters
Pie Gauge
Magnetic Flux Indicators
Gauss Gauges

Visual Inspection

Complete weld inspection kit with all necessary tools and gauges