

RESPOSIBLE NDT MANAGER

NDT CERTIFIED LEVEL III (MPI)/NDT CERTIFIED LEVEL II(LPI)& NITAL-ETCH AEROSPACE INDUSTRY (NAS 410)

A skilled, driven, pragmatic Process & NDE Engineer with education and experience in coordinating and managing Chemical & Aerospace plant operations and capable of making recommendation of functional specifications and information solutions such as NDE & QA procedures and processing. An analytical, creative, and organized who a fresh approach to support QA, QC & NDT Inspection operations and with extensive experience technical training and developing techniques. Consistently demonstrated the capacity to work independently as well as with teams through excellent communication and solid relationship management & technical skills. Able to flourish in a pressure-filled environment; build business; cultivate relationships, and support processes.

CORE COMPETENCIES

- ✦ Trained and experienced in quality control systems, capable of designing and optimizing new and existing processes and manufacturing facilities, and application of industry standards and best practices with a focus on safety, reliability, and cost-effectiveness.
- ✦ Equipped with knowledge of interpreting various codes and industry standards for process, NDE, QA /QC and the requirements for application and system testing.
- ✦ Embraces new challenges and demonstrates continuous improvement principles in work and professional development.
- ✦ Technically suitable professional attitude that results in effective time and resource management and satisfied clients.
- ✦ Honed rich expertise in best practices/compliance, strategic planning, installations, maintenance, testing, troubleshooting, reporting, and tracking.

KEY ATTRIBUTES

- ✓ Resource Optimization & Cost Control
- ✓ Cost Reduction & Production Enhancement
- ✓ Problem Solving & Troubleshooting
- ✓ Strategic Planning& Analysis
- ✓ Installations, Testing & Diagnostics
- ✓ Design & Specifications Development
- ✓ Project Management & Delivery
- ✓ Plant Operations & Management
- ✓ Team Training & Supervision
- ✓ Engineering Principles & Practices

P ROFESSIONAL HISTORY

Curtiss –Wright Inc, MIC Co, Brampton,ON, Canada/ From Oct.2014 to present.

-Responsible NDT Manager

Level III (MPI) /Level II (LPI) / NAS 410

- ◆ Manage the supervisors to related duties and responsibilities as directed.
- ◆ Provided any technical assistance and/or direction to customers as requested.
- ◆ Ensure N.D.T lines schedule and accurate and optimize for inspection.
- ◆ Enforce and assist in creating Standardized Work Instructions for N.D.T team.
- ◆ Coordinate with the Maintenance Dept. to make sure that all MWO's are prioritized and it's closed out in a timely manner.
- ◆ Attend and participate in NADCAP audits for NDE/NDT lines.
- ◆ participate in weekly CRP meetings and technical PM schedules.
- ◆ Perform regular audits to ensure all systems are functioning as standard procedures.

- ◆ Direct the Continuous improvement for the Engineers and Supervisors in their responsibilities.
- ◆ Enforce and apply the safe operation system at job site for NDT dept, as WHMIS& WSPC regulations.
- ◆ Preparation of chemical solution for Nital-Etch tanks (Steel & Titanium) and perform test and apply adjustment as required .
- ◆ Create Nital-Etch Techniques according to customer specs based on related standard.
- ◆ Inspection of all etched parts for any discontinuities ,interpret and report the inspection result to customer.
- ◆ Preparing all standard work procedure and create job traveller based on specs.
- ◆ Create all MPI techniques and perform all standard checks for inspection.
- ◆ Perform all MPI inspection to the parts ,interpret the indications as per detect.
- ◆ Inspection the Titanium (6AL-4V , 5-5-5-3 ,10-2-3)parts on LPI Etch line.
- ◆ Inspection of Titanium parts in FPI line

National Petrochemical Industry of Iran, DSP Company, Carbon-Black Plant, Tehran, Iran/2008 - 2014
CHEMICAL PROCESS ENGINEER/ (2008-2014).

Participate in Design and project engineering team to set up of the second phase of Carbon-Black plant with 15,000 tons of capacity , as senior process engineer. Collaborated and worked in a team based environment in the R&D department in the field of temperature effect on Reactors 's reaction zone on CB particles.

- ☑ Worked on producing the N-220 grade of product and on increasing the capacity of plant and yield of production up to 30% within a budget of \$1. M.
- ☑ Played a key role in one of biggest and important petrochemical plants in Iran, trained to supervise the entire plant shift operations with a staff of 80 employees. Managed the production line, QC section, feedstock section, storage section and the utility section (PFD –P&ID) .
Instrumental as a key player of the R&D team to increase the capacity of plant from 15000 to 18000 tons/year by improving the oil feedstock (raw-mat) of the plant.

Zanjir-Pars Company(paint & coating industry), Qazvin, Iran./2002 – 2008.

PAINT PROCESS ENGINEER

Implemented Commission to design all the processes, QC and production lines. Setup equipment and machinery based on schematics, and conducted various tests to ensure smooth operations and functioning. Collaborated with 50 engineers and technicians and managed the production line. I performed running sheets for various types of products. Identified and applied corrections on process parameters to maintain the quality and quantity of product, according to American standard of testing material Handled maintenance issues in the utility and the production line.

- ☑ First engineer in Iran that learnt the 'know-hows' and designed the technology for pre-painted galvanized and aluminum sheets which were applied to cover industrial steel structures in the form of normal formed shits and sandwich panels.
- ☑ Facilitated the formulation of the degreasing (hot-dipped and Fe/Zn phosphates) and coating and primer - middle and top coat systems.
- ☑ Innovatively conceptualized coating systems that resisted and coped with UV protection, chemical and weather resistance for different parts of Iran.
- ☑ Chosen to work on some key projects such as the Atomic-Power plant of Iran in southpart, steel plant of Khorasan- subway of Tehran, CNG stations and power plants of Qazvin and Karaj and atomic plant.

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National Petrochemical Industry of Iran, DSP Company, Carbon-Black Plant, Tehran, Iran/1993 - 2002

CHEMICAL PROCESS ENGINEER

Managed and supervised the entire plant operations by the DCS control system. Rectified issues and problems on process parameters to maintain production quality within ASTM rang and the plant in safe mode. Was accountable for maintenance of plant machineries, equipment, installations and cold plant start-up. Performed QC section's equipment installation ran tests and trained technicians.

- ☑ Participated in carbon-black plant erection for the production of soft and hard grades of carbon-black (N-220,330,339,375,550,660) for tire manufacturing industries.
- ☑ Integral member of the team that installed the equipment for utility (DM water-unsaturated steam-air supply), trained technicians and conducted tests.

E DUCATION AND CREDENTIALS

BSC, CHEMISTRY

University of Toronto, Ontario/ Canada

CHEMICAL ENGINEERING CERTIFICATION

National Petrochemical Industry of Iran

PROCESS CONTROL ENGINEER CERTIFICATION (DCS CONTROL SYSTEM)

INA - Industrial co., European Petrochemical Company

CERTIFICATION OF PAINT & COAT ENGINEER

Ministry of National Industry of Iran

CERTIFIED LEVEL III AS N.D.T TECHNOLOGIST /MPI (NAS-410

CERTIFIED LEVEL II AS N.D.T TECHNOLOGIST /LPI (NAS-410)

CURTISS WRIGHT CORP. , Brampton , ON. Canada.

Technical Skills: MS Word, MS Excel, Distributed Control System

Languages: English, Farsi, Turkish.