BIO DATA

NAME: PRADIP KUMAR DAS

Qualification

a) **B. E (Mechanical)** passed from Jorhat Engineering College,, Assam in the year 1990.
b) **ASNT Level II (RT,UT,PT MT) , 1994**
c) **UT Level II (TOFD) , 2004, from Sonovation Nederland**
d) UT Level II (Phased Array), 2005 from Olympus NDT
e) ASNT Level III –(UT,RT) 2009.

Designation – General Manager (Quality Management Department)

Organization – Reliance Industries Limited

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EXPERIENCE:

A total of 28 years of experience in the field of Refinery & Petrochemical plant construction. The area of experience are dealing Quality Management functions of with Fabrication, Erection of Piping & Tankage/Horton Sphere jobs. Apart from this also involved in implementation and development various NDT jobs which are detailed as below

NDT:

1. Introduction of Phased Array Ultrasonic Testing in India in 2005 for scanning of Pipe Weld joints with different grades of Metallurgy used in Refineries. The major challenge faced during implementation of Advanced Ultrasonic was that non availability of skilled technicians in India. Special 90 days training program was organized for this purpose.
2. Development of new technique – Close Proximity Radiography (CPR) Technique is developed with the help of local Indian vendor where RT can be carried out with safe

barricading distance of 5 meter all around. This will of tremendous help during commissioning of the project when NDT clearance can go hand in hand with loop clearance and RT of drain /vent. The overall cost of CPR came down to 50% of the original cost.

3. Development of special technique for the complex geometry Ultrasonic Testing covering both TOFD & PA for in situ nozzle scanning for alteration and modification of critical pressure vessels.
4. Introduction of system of operator validation for NDT Technicians in Reliance which is key focal point to judge capability of a person even after getting certificates from different training institute. After deployment on the job system of regular monitoring through follow up audits / scan review etc.
5. Selection of machines and various NDT Products with due diligence checking in to consideration of site condition and requirements of codes/ standards etc. Most of the time the machines are put on test for a week at site and collect the feed backs from various user etc.
6. Review and validation of Procedures with respect to job within the scope of code/ specifications.