

BIO DATA

A. PERSONAL

1. Name : Pemmaraju Raghavendra
2. Age : 46 Years.
3. Date of Birth : 15/06/1972



B. EDUCATIONAL QUALIFICATION:

01. Academic : B.Sc (Physics, Mathematics, Statistics)
PG Diploma in Radiation Physics (BARC).
02. Technical : Level III (ASNT) MT, RT, UT (Cert. no 149600)
Level II (PCN) UT, UTPA, TOFD (PCN No. 307218)

C. EXPERIENCE

January 1997 to Till Date : M/s. Larsen & Toubro Limited, HED, Hazira

Position: Deputy General Manager (NDE & Inspection)

D. Expert in RT & TOFD/PAUT

- Radiological Safety Officer Level-III
- Safe & successful handling of high energy radiation generation equipment such as 12MeV Linac, 9 Mev Betatron, 7.5 Mev Betatron, Co 60 (3 Nos.) & other sources like Ir 192, Se 75 & X Ray.
- Contributed significantly to radiation safety by replacing RT with UT (TOFD/PAUT) since 2004.
- Successfully Implemented TOFD & PAUT at L&T Heavy Engineering in lieu of RT.
- Successfully implemented High sensitivity UT in Cr Mo V Projects prior to API 934
- Led the team for replacing RT by UT reported for the first time in Nuclear fraternity for International Thermonuclear Experimental Reactor (ITER) projects in Stainless Steel material SS 304 L, thickness ranging from 40 to 200mm.
- Expert in interpretation & evaluation of RT Film/TOFD images.
- Presented more than 15 technical papers in national & international seminars.
- Expert in interpretation & evaluation as per 7.5.5 of ASME Section VIII Div. 2
- Currently working with World Working Group on Total Focusing Method (TFM) by International Institute of Welding (IIW)
- Technology Leader in L&T at Hazira Manufacturing Complex (10 Companies)
- Involved in technical assessment of various NDT methods & their reliability
- Leading team of NDT professionals (>200 personnel) for day to day work
- A Trainer & Motivator, trained more than 1000 NDE/Non NDE Professionals
- Involved in development of ERP Systems for NDE.

- Have been awarded for Best technical papers in NDE-2010 Seminar on “High Sensitivity TOFD UT to Reveal Reheat Cracks in Cr-Mo-V Steel Weld”
- Received First prize in ASNT Photo Contest 2012