

BIO DATA OF S S ANANTHAN

1. Name : S S Ananthan

2. Date of birth : 6 Feb 1957

3. Educational Qualification:

- a. Graduate in mechanical engineering from Madras University (College : Coimbatore Institute of Technology, Coimbatore) - 1979
- b. M Sc (Engg) - Indian Institute of Science, Bangalore, Dept of Mechanical Engg. 1989



4. Professional Qualification:

- a. ASNT NDT level III in PT, MT, RT, UT
- b. Assessor of laboratories as per ISO 17025 – (Certification from Dept of Science & technology, Govt. of India)
- c. AWS Certified Welding Inspector by American Welding Society (AWS)

5. Experience :

36 years of experience in welding, NDT, QC

- a. Oct 1979- Aug 2010 : Welding research Institute, BHEL, Triruchirappalli 620014

Position held: Research Engineer – to SDGM & Head of Laboratory group, WRI

Areas worked: R&D in welding and consultancy Training in welding and NDT, Laboratory assessment as per ISO / IEC: 17025: 2005

- b. Sep 2010 –May 2012

Praxair India Pvt Ltd, Bangalore

Position held: GM & Head of R&D / Metal Fabrication

Areas worked:

Established the India technology centre at Hoskote, Bangalore

- c. June 2012- March 2014

BGR Boilers pvt Ltd., Chennai

Position Held: General Manager, Quality Control

Responsibilities:

In charge of QC for 6 x660 MW boilers for NTPC

d. March 2014 – till present

Consultant – **TryCAE – TRICHY CONSULTANTS FOR ADVANCED ENGINEERING**, Tiruchirappalli

Industrial consultancy and training college students

Boiler study at Reliance Power, Sasan

Welding & NDT support at aerospace industry

Training PT Level II, RT FI Level II at BEML, Mysore

NABL assessments at various laboratories

Training at engineering colleges – National engineering College, Kovilpatti, Thygarajar College of Engineering, Madurai, Kumarasamy College of Engineering at Karur.

6. Areas of Technical expertise :

- a. TIG welding,
- b. Plasma welding,
- c. MIG welding
- d. Plasma Spraying
- e. Non Destructive Testing
- f. Machine vision
- g. Production Quality Control

7. R&D Projects involved :

- a. Development of narrow gap TIG welding
- b. Development of plasma welding technology for maraging steel
- c. Development of plasma welding technology for ASNOR 15 Cd V 6 steel
- d. Development of Hot wire TIG welding technology
- e. Development of rotary arc MIG welding
- f. Development of special magnetic particle testing for headers
- g. Development of techniques for remaining life assessment of power plants

- h. Development of machine vision technology for inspection power plant components
 - i. Development of image enhancement techniques for radiographs
- 8. No of patents filed : 15
- 9. No of papers published presented : around 25
- 10. No of awards won : 3
 - a. Modi award from Indian Institute of welding for machine development - For development of Rotary arc MIG welding torch
 - b. HD Govindaraj memorial Award from Indian Institute of welding 2 times - for the presentation of best research paper in welding
- 11. No of students guided for the post graduate programmes : 10 in welding and NDT
- 12. Member of professional bodies :
 - a. American Society of NDT
 - b. Indian Society for NDT
 - c. Indian Welding society