

(**NDT Training & Examination Center - BINDT authorized training (ATO) and qualification body (AQB) for PCN scheme**)

BIT Inspection Technology focus with sincerity and authentic approach in giving **new dimension to NDT / Welding Inspection Training**

Last 9 years with all your support BIT Inspection Technology successfully completed many NDT and welding inspector training program. BIT Inspection Technology is authorized to impart training & certify NDT Personnel to **BINDT PCN Scheme** which complies with **EN-473 & ISO 9712** requirements.

Now BIT Inspection Technology proudly announces upcoming 2017 schedule for **PCN NDT level 2 & 3 program**

PCN Level 2 and 3 Training and Examination Package

Course	PCN 2017 Schedule												Course & Exam Fee (INR)	Exam fee only (INR)
	Jan 2017	Feb 2017	Mar 2017	Apr 2017	May 2017	June 2017	July 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017		
Ultrasonic Testing 3.1/3.2, Weld - Plate / Pipe, Level 1/2	1 - 17	1 - 17	2 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	70000.00	30000.00
Ultrasonic Testing - Nozzle Weld - 3.8, Level 2	18 - 23	18 - 23	18 - 23	18 - 23	18 - 23	18 - 23	18 - 23	18 - 23	18 - 23	18 - 23	18 - 23	18 - 23	30000.00	25000.00
Ultrasonic Testing - Node Weld - 3.9, Level 2	25 - 30	25 - 30	25 - 30	25 - 30	25 - 30	25 - 30	25 - 30	25 - 30	25 - 30	25 - 30	25 - 30	25 - 30	30000.00	25000.00
Ultrasonic Testing - (Thickness Measurement) Level 2	1 - 17	1 - 17	2 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	55000.00	25000.00
Ultrasonic Testing - Casting Level 1/2	1 - 17	1 - 17	2 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	70000.00	30000.00
Ultrasonic Testing - Forging Level 1/2	1 - 17	1 - 17	2 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	1 - 17	70000.00	30000.00
Basic, Level 3		1 - 10		1 - 10		1 - 10		1 - 10		1 - 10		1 - 10	100000.00	45000.00

Ultrasonic Testing, Weld - Level 3		20 - 25		20 - 25		20 - 25		20 - 25		20 - 25		20 - 25	88000.00	48000.00
Ultrasonic Testing, Casting - Level 3		20 - 25		20 - 25		20 - 25		20 - 25		20 - 25		20 - 25	88000.00	48000.00
Ultrasonic Testing, Forging - Level 3		20 - 25		20 - 25		20 - 25		20 - 25		20 - 25		20 - 25	88000.00	48000.00
Basic Radiation Safety (BRS), Level 1	6 - 8	6 - 8		6 - 8		6 - 8		6 - 8		6 - 8		6 - 8	25000.00	
Radiographic testing (RT), Weld - Level 1/2	10 - 27	10 - 27		10 - 27		10 - 27		10 - 27		10 - 27		10 - 27	80000.00	40000.00
Radiographic testing (RT), Casting - Level 1/2	10 - 27	10 - 27		10 - 27		10 - 27		10 - 27		10 - 27		10 - 27	80000.00	40000.00
Radiographic Interpretation (RI) - Weld / Dense material, Level 2	1 - 8	1 - 8	2 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	45000.00	25000.00
Radiographic Interpretation (RI) - Weld / Light & Dense material, Level 2	1 - 8	1 - 8	2 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	55000.00	30000.00
Radiographic Interpretation (RI) - Casting / Light & Dense material, Level 2	1 - 8	1 - 8	2 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	1 - 8	60000.00	35000.00
Radiographic Testing, Weld - Level 3		26 - 31		26 - 31		26 - 31		26 - 31		26 - 31		26 - 31	88000.00	48000.00
Radiographic Testing, Casting - Level 3		26 - 31		26 - 31		26 - 31		26 - 31		26 - 31		26 - 31	88000.00	48000.00
Penetrant Testing (PT), Welds - Level 1/2	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	35000.00	25000.00
Magnetic Particle Testing (MPT), Welds - Level 1/2	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	35000.00	25000.00
Penetrant Testing (PT), Multi Sector - Level 1/2	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	9 - 14	50000.00	30000.00
Penetrant Testing (PT), Multi Sector - Level 3		16 - 19		16 - 19		16 - 19		16 - 19		16 - 19		16 - 19	88000.00	48000.00
Magnetic Particle Testing (MPT), Multi Sector-Level 1/2	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	5 - 10	50000.00	30000.00
Magnetic Particle Testing (MPT), Multi Sector - Level 3		11 - 15		11 - 15		11 - 15		11 - 15		11 - 15		11 - 15	88000.00	48000.00
Visual Testing (VT) Multi Sector - Level 1/2	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	1 - 4	55000.00	30000.00
Visual Testing (VT) Multi Sector - Level 3	5 - 8	5 - 8	5 - 8	5 - 8	5 - 8	5 - 8	5 - 8	5 - 8	5 - 8	5 - 8	5 - 8	5 - 8	88000.00	48000.00

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Welding Inspection (WI) Welds - Level 1/2	9 - 15	9 - 15	9 - 15	9 - 15	9 - 15	9 - 15	9 - 15	9 - 15	9 - 15	9 - 15	9 - 15	9 - 15	9 - 15	85000.00	40000.00
Welding Inspection (WI) Welds - Level 3	16 - 21	16 - 21	16 - 21	16 - 21	16 - 21	16 - 21	16 - 21	16 - 21	16 - 21	16 - 21	16 - 21	16 - 21	16 - 21	100000.00	45000.00

Applicable Service Tax -15 %
Note: There is no hidden fees.

Method of Payment

Payment by Bank Transfer to the following account:

Account Name: BIT Inspection Technology Pvt Ltd

Bank Name: Indian Overseas Bank,

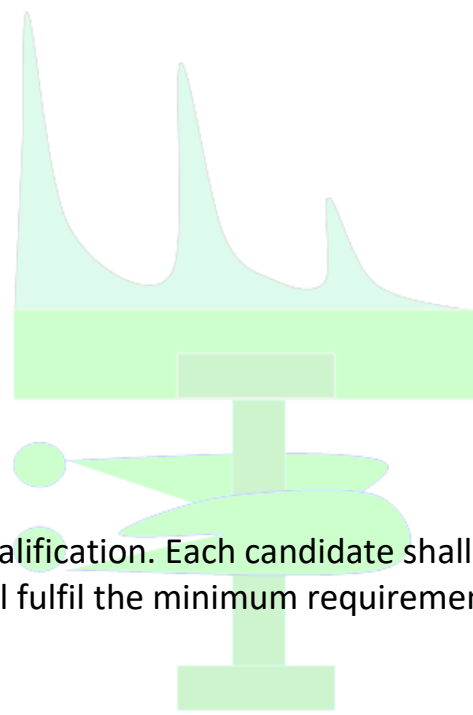
Account No: 108502000001756

Account type: Current account

IFSC code: IOBA0001085

Swift Code: IOBAINBB001

Branch Address: Ekkattuthangal branch (1085)



Eligibility:

Candidates shall meet the prerequisite required for qualification. Each candidate shall fulfil the minimum requirements of vision and training prior to the qualification examination and shall fulfil the minimum requirements for Industrial experience prior to certification.

Table 1: Minimum required durations of training

NDT methods	Hours		
	Level I	Level II	Level III
UT	40	80	40
PT	16	24	24
MT	16	24	32
RI	-	56	-

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RT	40	80	40
UT (Nozzle) 3.8	-	40	-
UT (Node) 3.9	-	40	-
BRS	16	-	-
Basic (Level 3)	-	-	80
Ultrasonic Testing - (Thickness Measurement)	-	40	-
Visual Testing	16	24	24
Welding Inspection	20	50	40

Note 1: Direct access to Level 2 requires the total hours shown in Table 1 for Levels I and II.

Note 2: For candidates who have graduated in a relevant subject from technical college or university, or have completed at least two years of relevant engineering or science study at college or university, the total required number of training hours may be reduced by up to 50%

Note 3: The 80 hours training required for Level 3 Basic qualification may be accrued through a combination of classroom training at a BINDT approved training organisation (minimum 50%), self-study and distance learning. However accrued, candidates should record the training undertaken for presentation to PCN if requested. This note relates to the Level 3 Basic Examination (see 3.5), and reductions in training duration up to 72 hours maximum, may be granted based on holding:

a) Product Technology

The candidate holds a certificate covering:

- a multi-sector - 12 hours
- castings - 4 hours
- welds - 4 hours
- wrought products - 4 hours

b) Level 2 general theory in four NDT methods, one of which is a volumetric method

The Level 3 candidate holds Level 2 certification in

- Four NDT methods - 60 hours
- Three NDT methods - 45 hours
- Two NDT methods - 30 hours
- One NDT methods -15 hours

Pre-Certification Experience:

Industrial NDT experience in the applicable method and in the appropriate sector may be acquired either prior to or following success in the qualification examination. In the event that a false statement is made concerning pre-certification experience, any certification awarded as a result will be null and void.

Table 2: Minimum Duration of Experience

NDT methods	Experience (months) *		
	Level I	Level II	Level III
PT	1	4	24
MT	1	4	24
UT	3	9	36
RT	3	9	36
RI	-	6	-
UT (Nozzle)	-	-	-
UT (Node)	-	-	-
Ultrasonic Testing - (Thickness Measurement)	-	4	-
Visual Testing	1	3	24
Welding Inspection	1	12	24

* Work experience in months is based on a nominal 40 hours per week, If any individual working in excess of 40 h per week may be credited with experience based on the total hours, but shall be required to produce documentary evidence of this experience.

If the individual is being qualified directly to Level 2, with no time at Level 1, the experience shall consist of the sum of the times required for Level 1 and Level 2. No reduction in the period of experience shall be allowed.

For Level 3 certification, the intent is that work experience consists of time as a Level 2. If the individual is being qualified directly from Level 1 to Level 3, with no time at Level 2, the experience shall consist of the sum of the times required for Level 2 and Level 3. No reduction in the period of experience shall be allowed.

Note 1: This is applicable for candidates who have successfully completed a technical school or at least two years of engineering or science study at an accredited college or university. If this is not the case, the duration has to be multiplied by a factor of 2.

Note 2: Credit for work experience may be gained simultaneously in two or more of the NDT methods covered by this International Standard, with the reduction of total required experience as follows:

- two testing methods - reduction of total required time by 25%
- three testing methods - reduction of total required time by 33%
- four or more testing methods - reduction of total time by 50%

In all cases, the candidates shall be required to show that for each of the testing methods which he seeks certification, he has a minimum of 50% of the time required in the above table.

Vision Requirements

The PCN requirements for colour perception and acuity of vision, together with the qualifications of those administering the vision tests, are fully defined in PCN document PSL/44, which includes a form for recording the results of vision tests. The requirements are reproduced below for ease of information:

Candidates for PCN examinations will be required, on the day of the examination, to provide proof of a satisfactory vision test conducted within the 12 months preceding the examination.

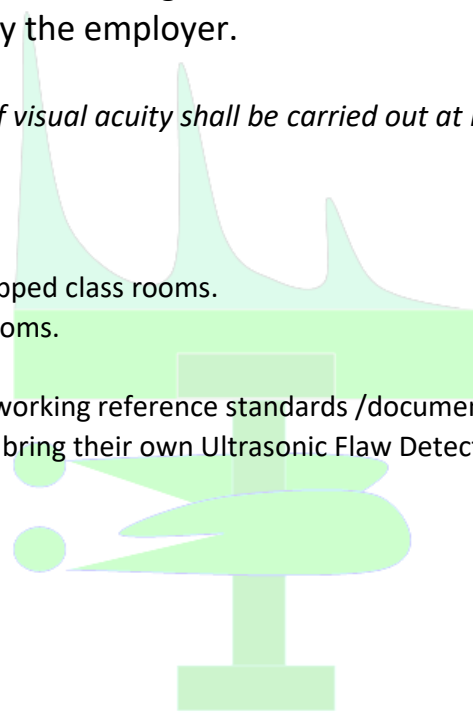
Near vision acuity shall permit reading a minimum of Jaeger number 1 or Times Roman N 4.5 or equivalent letters (having a height of 1,6 mm) at not less than 30 cm with one or both eyes, either corrected or uncorrected.

Colour vision shall be sufficient that the candidate can distinguish and differentiate contrast between the colours or shades of grey used in the NDT method concerned as specified by the employer.

Note: *Subsequent to certification, the documented tests of visual acuity shall be carried out at least every twelve months and verified by the employer.*

General:

1. All sessions will be conducted in fully air-conditioned and well equipped class rooms.
2. Practical training will be conducted in well ventilated and well lit rooms.
3. Lunch / Tea Breaks will be provided for the training candidates
4. Candidates will be supplied with a set of course notes and a set of working reference standards /documents for their guidance in preparation for the Examination.
5. For ultrasonic testing practical training students are encouraged to bring their own Ultrasonic Flaw Detectors and probes / cables. We will provide the required calibration blocks



Exchange experience through **Case Studies**

Case study



"Stress Corrosion Cracks" in the "Super Duplex Stainless Steel"

Programme Sponsored by
Shri. M.V.Rajamani
 Chairman(Elect) - ISNT
 Electro - Magfield Controls & Services

Presented by
R.Baskar A.M.I.E (Mech)
 ASNT level III RT,UT,MT,PT
 CSWIP 3.2
 AWS-CWI
Vetco - Norway




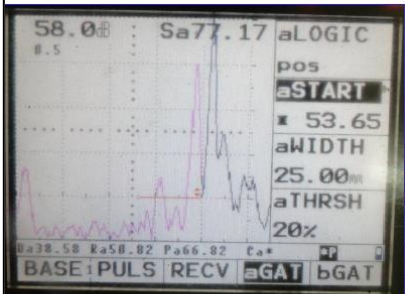
PETROLVALVE CLADDING ISSUE




Presented by
R.Baskar, AMIE (Mech)
 ASNT NDT Level III RT,UT,PT & MT
 CSWIP 3.2
 AWS - SCWI



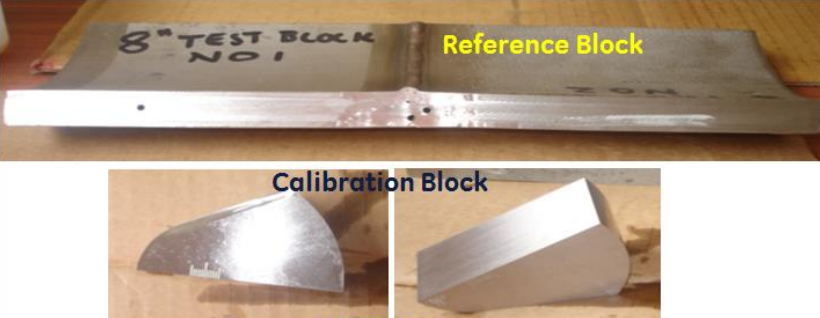
UT on small bore (6" & 8") cladded piping weld

Presented by
R.Baskar, AMIE (Mech)
 ASNT NDT Level III RT,UT,PT & MT
 CSWIP 3.2
 AWS - SCWI




Ultrasonic Testing on Duplex Stainless Steel



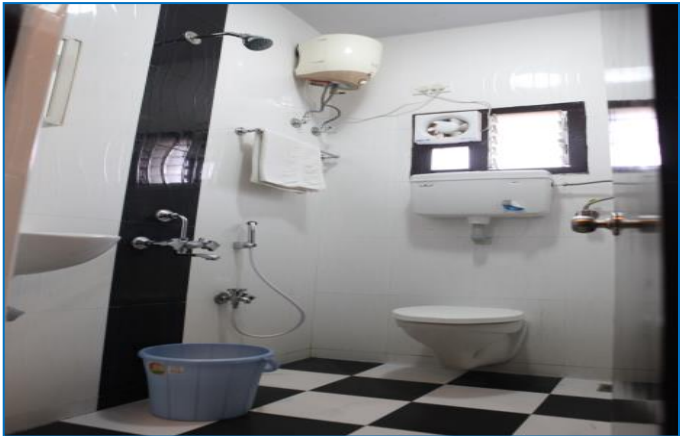
Reference Block

Calibration Block

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BIT Training and Accommodation Facility



Join with us – Exploit and Enrich Yourself

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