



# BIT INSPECTION TECHNOLOGY PVT. LTD.



NDT / Welding inspection personnel Training, Examination and Certification

**BINDT** Authorized Training Organization **(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, Examination and Flaw Specimen Manufacturing**

## Flaw Specimen manufacturing



Dr. Subhashini is Annual Member 2016-17  
**BIT INSPECTION TECHNOLOGY PVT., LTD.**  
NDT, WELDING INSPECTION, FLAW SPECIMEN MANUFACTURE  
INDIA

# Flaw Specimen Manufacturing

## Weld, Casting, Forging Specimens and RT Films



We are manufacturing weld, casting, forging defect specimens and light / heavy metal radiographic reference film for

- ① **PCN NDT training UT, PAUT, TOFD, PT, MT, ET, VT, WI, RT**
- ① **ISO 9712 NDT training UT, PAUT, TOFD, PT, MT, ET, VT, RT**
- ① **NDT training in accordance with SNT-TC-1A**
- ① **Welding inspector training AWS - CWI, CSWIP**
- ① **Validation block for NDT procedure / operator qualification**
- ① **Reference block for various NDT methods like UT, PAUT, TOFD PT, MT, ET, RT**

Now BIT Inspection Technology proudly announces that, flaw specimens and Radiographic films are developed to the customer requirement. Our flaw specimens and radiographic reference films are used worldwide.



UT - PIPE



UT - PLATE



UT - NODE



UT - NOZZLE



MT / PT



PT / MT FORGING / WROUGHT



PT / MT CASTING



BEND TEST & MACRO SPECIMEN

# NDT / Welding inspection personnel Training, Examination and Certification



BIT Inspection Technology is authorized to impart training & examination of NDT Personnel to BINDT PCN Scheme which complies with ISO 9712 requirements

**BINDT** Authorized Training (ATO)  
and Qualification Body (AQB)  
for **PCN** scheme



BIT Inspection Technology” is formed by eminent professionals possessing ASNT and PCN NDT LEVEL-3 Certification in RT,UT,PT,MT,VT & ET NDT Methods, Certified Senior Welding Inspector CSWIP3.2, AWS-SCWI with Specialization in effective training techniques, performance optimization, Third Party Inspection and Career Counseling.

Our NDT and welding inspection Training Center is equipped with adequate infrastructure to provide both theoretical and Hands on training in NDT methods and QA/QC Activities involved in the organization.



BIT developed ET specimen as per PCN / ISO 9712 / Client requirements



Welding Research and Development for Specimen manufacturing



Development of TKY (Node) / Nozzle (Stub-in & Stub-on) Specimen



GET  
IN  
TOUCH



**BIT INSPECTION TECHNOLOGY PVT. LTD.**

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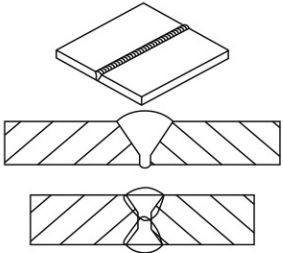

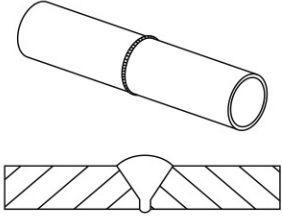
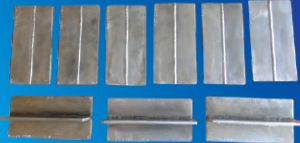
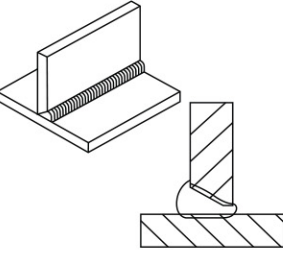

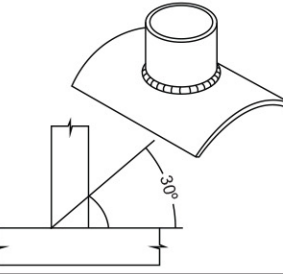

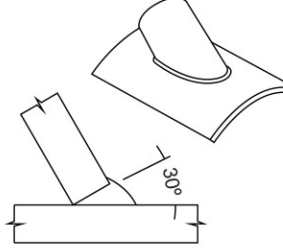



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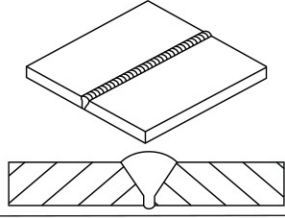

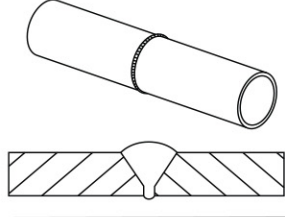
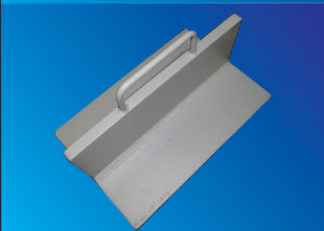
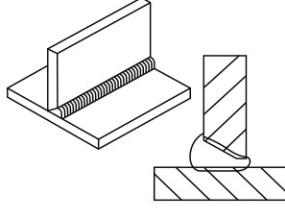
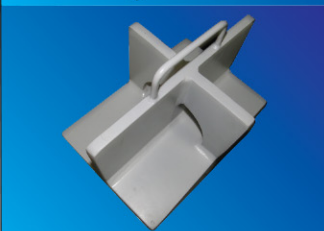
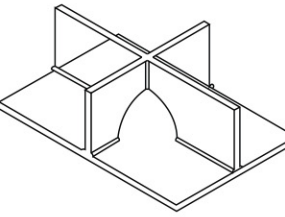

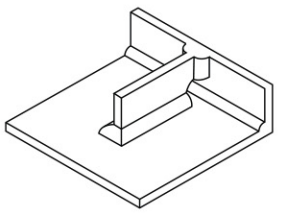
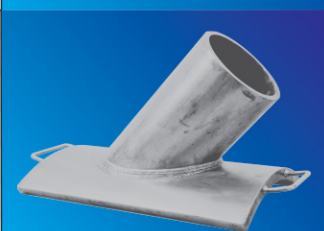
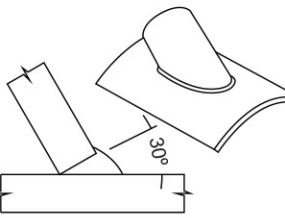


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Flawed Specimen			
Specimen Type	Dimensions :	Weld preparation Type	Method
Plate-SV Plate-DV 	300mm(L)X200mm(W)X6mm(T) 300mm(L)X300mm(W)X12mm(T) 300mm(L)X300mm(W)X20mm(T) 300mm(L)X300mm(W)X25mm(T)		PT/MT UT
Pipe-SV 	$\phi 4$ "X6mm(T) $\phi 3$ "X11mm(T) $\phi 6$ "X11mm(T) $\phi 6$ "X18mm(T)		PT/MT UT
Tee joint 	300mm(L)X200mm(W) X100mm(H)X6mm(T)		PT/MT
Nozzle Stub-on Stub-in 	Main member size: $\phi 20$ "X25mm(T) Branch member size: $\phi 8$ "X12mm(T)		UT
Node TYK 	Main member size: $\phi 20$ "X22mm (T) Branch member size: $\phi 6$ "X12mm (T)		UT
Casting 			VT/PT/MT
Forging 			

EDDY CURRENT SPECIMENS

Plate-SV		400mm(L)X200mm(W)X8mm(T) 400mm(L)X200mm(W)X15mm(T)		ET
Pipe-SV		$\phi 4"$ X6mm(T)		
Tee joint		300mm(L)x200mm(W) X100mm(H)X15mm(T)		
Crciform		300mm(L)x200mm(W) X100mm(H)X15mm(T)		
Semi Cruciform		300mm(L)x200mm(W) x100mm(H)x12mm(T)		
TKY		$\phi 26"$ X12mm(T)-BASE $\phi 6"$ X12mm(T)-BRANCH		



Also we are manufacturing various type of:

- 1.) Refrence block for NDT procedure/operator qualification.
- 2.) Calibration blocks.



ISO 9001 Certified Institution

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