

## DASH PROFILE

Welcome to Dash Inspectorate. "Dash Inspectorate" is a fast growing company having a team of high caliber professionals from Mechanical, Electrical, Metallurgy and MBA field providing services in

- \* Third party inspection (Plant, Product, Process and Equipments).
- \* Shut down inspection (Refinery, petrochemical complex, fertilizer)
- \* CCE Requirement Competent person jobs, factory inspector, loss assessment, SMPV Rules Jobs, Govt. approved valuation, energy auditing, lifting equipment certification.
- \* Design pressure vessel, piping, Process, Cross-country pipeline, equipments, etc.
- \* Design Review in Oil, Gas, Power, Electronics, Offshore, Civil Structures etc in Civil, Mechanical, Electrical and Instrumentation.
- \* Services for Shutdown activities/Overhauling of Equipments.
- \* ISO Training lead auditor and internal auditor (9001, 14001, 18001, HACCP, CE, SA 8000) & Consultancy.
- \* SIX SIGMA and WCM concepts Training and implementation.
- \* Human Resources Development & Training,
- \* NDT Training (RT, UT, PT and MT). NDT Services (RT, UT, PT, MT).
- \* Welding Training & Consultancy
- \* WPS, PQR and other Welding related works.
- \* Electrical and Instrumentation Equipments Inspection
- \* Project Management, Expediting

The Company Policy is to ensure satisfaction of customers regarding quality and cost of our technology and services, enabling them to guarantee performance to the end user of the resultant product in terms of function, life cycle, cost & safety.



**DASH INSPECTORATE**  
THIRD PARTY INSPECTION, DESIGN, ISO, NDT,  
WELDING, EXPEDITING, PROJECT MANAGEMENT  
AND



*Announces*  
**Open House**  
**Certified Welding Inspector**  
**and Training**  
**AWS(CWI)**  
At

**Trichy, Coimbatore, Madurai,**  
**Cohin, Mumbai, Pondichery**  
**Pune, Lonavala, Bangalore**

## Registration Form

As attached herewith

## CONTACT DETAILS

### Head Office:

3<sup>rd</sup> Floor IswarKrupa Building,  
Nr Bank Of India, Saffron Circle,  
Fatehgunj, Vadodara-390002  
Gujarat - India

Phone no: +91 9825164743,  
9376923036, 0265 2750116, Fax: 2788278

### URL:

[www.dashinspectorate.com](http://www.dashinspectorate.com),

### Email:

[dash@dashinspectorate.com](mailto:dash@dashinspectorate.com),  
[dash@iqara.net](mailto:dash@iqara.net)



**South India Associates**

**R. Baskar**

ASNT Level III (RT, UT, PT, MT),  
AWS - SCWI, CSWIP 3.2.

**BIT Inspection Technology (NDT & Welding)**

### HEAD OFFICE

No.14, 3rd Pillaiyar Koil Street, Ambalnagar,  
Ekkatuthangal, Chennai-97.  
Phone No: +91 44 42720054

### BRANCH OFFICE

**Trichy** **Kochin**

4th Cross Street, EDATT BUILDINGS, 2<sup>ND</sup>FLOOR,  
Thillai Nagar, Trichy-18. PEYOLI ROAD KACHERIPPADY,  
Phone No: +91 431 4220312 ERANAKULAM, KOCHIN-682018,  
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Email: [coimbatore contact: 09840800863](mailto:coimbatore@bitndt.com)

[bitndt08@gmail.com](mailto:bitndt08@gmail.com) [bitndtchennai@gmail.com](mailto:bitndtchennai@gmail.com)  
**www.bitndtindia.com**

## TRAINING SERVICES

ISO 9000, ISO 14000, OHSAS 18000, BSI 27001, BSI 22001, CE, WCM, SIX SIGMA, TQM	Lead auditor and internal auditor course, IRCA, IEMA approved. ISO 9000, ISO 14000 OHSAS Awareness programme for Engineers and managers.
Welding inspector course (CWI) Certified Welding Inspector	Certified welding inspector course based on DASH written practice, ASME SEC IX Latest edition and AWS QCI
ASNT NDT Level II, I in VT, ET, MT, PT, RT, UT & NDT Awareness programme for Engineers/MGRS.	Certified courses as per SNT-TC-1A latest guidelines Visual Testing, Eddy current testing, Magnetic particle testing, Radiographic testing, Penetrant testing, Helium leak testing, Ultrasonic testing
Special Preparatory courses	AWS (CWI), CSWIP (3.1/3.2) ASNT NDT Level III, API 510, 653, 570, EN 473
Pipeline inspection	Gas, Water, Crude transmission based on ASME/API standards.
Line Pipe manufacturing	(Saw pipes (Longitudinal and Spiral), ERW & Seamless pipes
Coating inspection in pipe and other equipment	PE, Coal Tar, Concrete, FBE in Coating mills). Tank, Structure and equipment coating inspection. Codes used are DIN AWWA, NACE, BS, ISO, ASME, API,
Inspection engineer course	Material inspection like pipes, plates, valves, fittings, electrodes, equipments, pipes etc.
Shutdown and in-service inspection of Refineries.	Inspection of Heat exchangers, Condensers, Boilers, Column, Pressure vessel, Piping, Heater, Storage tanks, Coolers
Statuary requirement awareness course	CCE, SMPV, IBR, Petroleum / pollution, factory act and state And central Government rules.

## COURSE CALENDER-2009

### CWI

2009 AWS - CWI Seminar & Exam Programme			
Month	Seminar Date	Exam Date	Exam Location
Jan' 2009	8.01.09 - 12.01.09	14/1/2009	TRICHY
Jan' 2009	18.01.09 - 22.01.09	23.01.09	LONAVALA (IND) AND QATAR
Feb' 2009	01.02.09 - 05.02.09	7/2/2009	COIMBATORE
Feb	12 FEB to 20 FEB	Exam 21 FEB	SINGAPORE
Mar' 2009	1.03.09 - 5.03.09	7.03.08	PUNE
Mar' 2009	14.03.09 - 18.03.09	20/3/2009	TRICHY
Apr' 2009	15.4.09 - 19.4.09	21/4/08	VADODARA
May' 2009	17.05.09 - 21.05.09	23/5/2009	COCHIN
Jun' 2009	23.06.09 - 27.06.09	29/6/2009	COIMBATORE
June	4 Jul to 11 Jul	Exam 13 Jul	SINGAPORE
Jul' 2009	19.07.09 - 23.07.09	25/7/2009	PONDICHERY
Aug' 2009	1.08.09 - 5.08.09	7.08.09	MUMBAI
Aug' 2009	16.08.09 - 20.08.09	22/8/2009	MADURAI
Sep' 2009	20.09.09 - 24.09.09	26/9/2009	COCHIN
Oct' 2009	1.10.09 - 5.10.09	7.10.09	VADODARA
Oct' 2009	12.10.09 - 16.10.09	18/10/2009	BANGALORE
Oct	25 Oct to 01 Nov	Exam 03 Nov	SINGAPORE
Nov' 2009	22.11.09 - 26.11.09	28/11/2009	MADURAI
Dec' 2009	3.11.09 - 7.11.09	9.11.09	LONAVALA
Dec' 2009	20.12.09 - 24.12.09	26/12/2009	TRICHY

## Course Contents CWI Modules

- x Welding inspection and certification
- x Safe practices for welding Inspectors
- x Metal joining and cutting processes
- x Weld joint geometry and welding Symbols
- x Documents governing Welding Inspection and Qualification
- x Metal properties and destructive testing
- x Metric practice for welding Inspection
- x Welding metallurgy for the welding Inspector
- x Weld and base metal Discontinuities
- x Visual inspection and other NDT methods
- x Management of WPS, PQR
- x Practical Welding Inspection
- x Exercises
- x Revision, Internal exam, Feedback

FOLLOWED BY FINAL EXAMINATION

### **FACULTY**

Will be an having extensive experience in Inspection, Welding and training in various organizations of different sector

## WHO SHOULD ATTEND?

All personnel responsible for making decisions, exercising judgments applicable to welding operations in power generation, petrochemical, oil and gas, fertilizer, shipbuilding and maintenance, structural fabrication, offshore & onshore structure fabrication, etc.

### WELDING ENGINEERS & INSPECTORS

### QUALITY CONTROL ENGINEERS & SUPERVISORS

### QUALITY ASSURANCE ENGINEERS & SUPERVISORS

### TECHNICAL SERVICES ENGINEERS & SUPERVISORS

### ERECTION & CONSTRUCTION ENGINEERS & SUPERVISORS

### FABRICATION ENGINEERS & SUPERVISORS

### Chartered Engineers.

### Engineering and Welding Consultants

## EXAMINATION & CERTIFICATION

The AWS-CWI examination consists of THREE Tests – Fundamentals, Practical and Code Book Examination.

Candidates having valid CSWIP 3.1 Welding Inspector Certificate can appear for a bridging examination (Practical) to get AWS – CWI Certificate.

Candidates who intend to renew CWI Certification after 9 years can appear for a 9 year re-certification examination (Practical) to get renewed AWS – CWI Certificate.

For candidates scoring 72 % and above, AWS will award the Certificate as Certified Welding Inspector.

The candidates scoring less than 72 %, but more than 60 % will be issued Certificate as Certified Associate welding Inspector. For scoring less than 60 %, no certificate is issued.

### EDUCATION AND EXPERIENCE REQUIREMENT :

- 1.0 Each applicant for certification as a Certified Welding Inspector
- 1.1 Shall be high school graduate (must have passed 10<sup>th</sup> examination or equivalent)
- 1.2 Shall have not less than five years experience in an occupational function that has a direct relationship to welded assemblies fabricated to national or international standards and be directly involved in one or more of the following :

**DESIGN** - Preparation of plans and drawing for weldments.

**PRODUCTION** - Planning and control of welding materials, welding procedures and welding operations for weldments.

**CONSTRUCTION** - Fabrication and/or erection of weldments.

### (iii) TRADE / VOCATIONAL COURSES :

One year maximum for successfully completed courses in a curriculum related to welding.

- 1.4 Three years of teaching experience may be substituted for a maximum of two years of the five years experience requirement, provided that the teaching is full time in a trade, area or technical school, college, university in the occupational skill of welding or subjects related to welding, its application, control, materials and processes.

- 1.5 For meeting the requirements of experience, the Employment Verification Page in the AWS – CWI Examination Application Form shall be signed by the current or most recent employer. (The AWS – CWI Examination Application Form will be provided by us, on Registration for the Program).

- 1.6 Shall be familiar with and understand fundamentals of the following processes :  
SMAW / GTAW / SW / SAW / FCAW / OFW / GMAW / ESW / EGW / RW / LBW / EBW / PAW / Thermal Cutting & Mechanical Cutting / Brazing / Soldering / Thermal Spraying.

- 1.7 Shall be familiar with and understand the following examination methods :  
VT / UT / RT / MT / PT / AET / LT / ET

- 1.8 Shall pass an eye - examination to prove near vision acuity and color perception test.

## REGISTRATION FEES PER CANDIDATE Only for coimbatore and Trichy exams

Type	Seminar **Fee (Rs)	Exam Fee USD
Fresh candidate Seminar+ exam	16000	900
Fresh candidate Exam Only	-	1050
Reexamination Seminar Only	12000*	-
Reexamination Part one only	-	400
Reexamination Part two only	-	750
Reexamination All parts	-	900
9 Year Recertification	5000 (2 Days)	650
Bridge exam (After CSWIP)	5000 (2 Days)	900
Renewal of AWS CWI certificate	-	600

\*\* Service Tax extra @12.36 % or as per Latest Govt. Norms

\* Applicable for candidates who have taken seminar and examination through DASH INSPECTORATE earlier

### ABOVE FEES INCLUDE :

1. 5days of lectures & practical with coffee breaks and lunches (2 days seminar for Bridging Examination / 9 year re-certification examination)
2. 1 day examination with coffee & lunch (for those attending examination)
3. 1 set of course materials (for those attending full seminar)
4. Certificate of Participation
5. AWS Certified Welding Inspectors Certificate for those who pass the exams

**EXAMINATION** - Detection and measurement of weld discontinuities and Verification of fabrication requirements.

**REPAIR** - Repair of welds that are defective.

- 1.3 A maximum of two years of post high school education may be substituted for an equal number of years of the required five years experience provided studies are relevant to any of the functions described in 1..2

Credit is given as follows :

(i) BACHELOR DEGREE :  
Two years maximum if the degree is in Engg. Technology, Engineering or Physical Sciences.

(ii) ENGG. / TECHNICAL SCHOOL COURSES :  
Two years maximum for having successfully passed a diploma that can be applied to (i) above

- 1) Seminar Fees in Indian Rupees shall be made as crossed DD in favour of "DASH INSPECTORATE" payable at any scheduled bank in VADODARA
- 2) Examination Fees in US\$ shall be made as crossed DD in favour of "AMERICAN WELDING SOCIETY" payable at MIAMI USA.

All drafts (both US\$ and Indian Rupees) shall be sent to DASH Inspectorate, Vadodara Gujarat India, along with the Registration Form.

Companies who register three or more candidates for the same seminar will be entitled to 10% discount of the seminar fees.

### CANCELLATION / POSTPONEMENT :

#### If cancelled

FOUR weeks prior to the start of the Program : 10% deduction in the Seminar and exam fees.  
Less than FOUR weeks prior to start of the Program: 25% deduction in the Seminar and exam fees.

#### If postponed

FOUR weeks prior to the start of the Program : No\*  
Less than FOUR weeks prior to start of the Program : 25% deduction in the seminar and exam fees

\* Additional fees if any applicable at that time to be paid

## Registration Form

**PLEASE TYPE OR WRITE IN BLOCK LETTERS.**

NAME MIDDLE NAME SURNAME

COMPANY :

DEPARTMENT :

MAILING ADDRESS :

TELEPHONE : \_\_\_\_\_ (MOB)

\_\_\_\_\_ (O) \_\_\_\_\_ (R)

EMAIL :

**BLACKEN THE CHECK BOX AS APPROPRIATE**

**I AM INTERESTED IN ATTENDING**

PLZ SPECIFY AS REQUIRED OR ENTER DETAILS IN THE LAST ROW	sep	OCT	nov
SEMINAR AND EXAMINATION			
EXAM ONLY			
RE-EXAM ONLY			
RE-EXAM + 2 DAYS SEMINAR			

**PLEASE add fee details and latest BIODATA**

RS DD NO

USD DD NO