

Sub: We invite the nomination for  
Certification Course For Welding Inspector **(QC-1)**  
**(From: 4<sup>th</sup> to 9<sup>th</sup> October 2010)**

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Dear Sir/Madam

We are pleased to announce the above program for the benefit of our valuable customers like you. This course is suitable for QC Engineers and Inspectors and scheduled from **4<sup>th</sup> to 9<sup>th</sup> October 2010**, at our Institute, Pune.

The topics are covered with live demonstration and audio-visual aids. A copy of course content enclosed for your kind perusal.

The course fees is Rs.10000/-(Plus Service tax as applicable) per participant, which includes the cost of course materials only. Participants will have to make own arrangements for their lodging/boarding and local transport.

Please note, that the **seats are booked on first-come-first served basis**. The course fees are accepted by **Demand Draft/Local Cheque payable to ADOR WELDING LTD**, Pune.

Nomination for this batch will remain open till 2<sup>nd</sup> October 2010.

Thanking you and looking forward to your valued support.

Yours faithfully,  
For ADOR Welding Limited,

V.S.Marathe  
Manager (AIWT)  
A-108, "H" Block,MIDC-Pimpri,  
Pune-411018  
Tel: 020-40706316

## CERTIFICATION COURSE FOR WELDING INSPECTORS - QC-1

Conducted- during: 4<sup>th</sup> to 9<sup>th</sup> October 2010

At-**ADOR Institute of welding Technology**

A-108 'H'Block MIDC-Pimpri, Pune 411018

Date	Session	Program	Faculty
<b>MON</b>	09.30	Welcome Address	
	10.00	Role & Responsibility of Welding Inspectors in Industry	
	11.00	<b>TEA</b>	
	11.15	Film: * <i>Responsibility of welding inspectors</i> (HBT 1.4, 4.1)	
	11.45	Fundamentals of Welding Metallurgy	
	13.00	<b>LUNCH</b>	
	13.45	Films: * <i>A Metallurgical Investigation</i>	
	14.00	Weldability	
	5.15	<b>TEA</b>	
	15.30-	Selection of Welding Consumables	
	17.00		
<b>TUE</b>	09.30	Basic Principle of Welding Processes & their Variables	
	11.00	<b>TEA</b>	
	11.15	Session Cotinued.....	
		Film: * <i>Introducing welding processes</i>	
	13.00	<b>LUNCH</b>	
	13.45	Welding Consumables - Coding, Approval, Care in Storage and Handling	
	15.15	<b>TEA</b>	
	15.30-	Practical welding session - I	
17.00	Familiarisation with ( SMAW, SAW, GMAW & GTAW)		
<b>WED</b>	09.30	Designing of Weldments	
		Film: * <i>Facts of fatigue</i>	
	11.00	<b>TEA</b>	
	11.15	Sign Language for Welding	
		Film: * <i>Welding symbols</i> (HBT 1.4)	
	13.00	<b>LUNCH</b>	
	13.45	Significance of Weld Imperfection	
	15.15	<b>TEA</b>	
	15.30	Film: * <i>Identification &amp; definition of weld discontinuities</i> (QA/QC 4 Tape 1 & 2)	
	16.00-	Practical welding session - II	
17.00	(OFW, FCAW, OFB, OFC, PAC, Pulsed arc TIG with CO2 spot welding)		
<b>THU</b>	09.30	Detecting Surface Discontinuities by NDT (VT, PT, MT)	
		Film: * <i>Introduction to NDT</i> (HBT 6.1 to 6.4)	
	11.00	<b>TEA</b>	
	11.15	Detecting Surface Discontinuities by NDT (VT, PT, MT)	
	13.00	<b>LUNCH</b>	
	13.45	Detecting subsurface Discontinuities by NDT (UT, RT)	
		Film: * <i>Introduction to NDT</i> (HBT 6.5, 6.6)	
15.15	<b>TEA</b>		

15.30- Detecting subsurface Discontinuities by NDT  
(UT, RT)

17.00

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**FRI** 09.30 Safety Precautions in Welding  
Film: \* *Safety in welding*

11.00 **TEA**

11.15 Welding Procedure & Performance Qualification  
Film: \* *WPS & PQR*

13.00 **LUNCH**

13.45 Evaluation of Weldment by Destructive  
Testing Technique  
Film: \* *Introduction of destructive testing  
techniques (HBT 5.1)*

15.15 **TEA**

15.30 Evaluation paper

16.00- Discussions

17.00

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**SAT** 09.30 Planning Welding Inspection

11.00 **TEA**

11.15 Session continued

13.00 **LUNCH**

13.45 Case study session

15.15 **TEA**

15.30 Examination paper

16.00 Valedictory Session

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