



American Welding Society

International Agent

AWS-CWI

The NDT Center is an approved center of the American Welding Society (AWS) to conduct AWS-CWI seminars and examinations since 2010. The seminar serves as a sound refresher to welding inspection, particularly for practicing welding inspectors and anyone aspiring to be an AWS-Certified Welding Inspector. AWS-CWI Seminar is specifically addressed to welding inspectors of varied background levels, and provides understanding of the critical job-related welding issues. Companies have heavily relied on the AWS certification in ensuring the highest level of quality workmanship. AWS-CWI provides the various duties and responsibilities of the welding Inspectors before, during and after the welding.

Sq. #	SEMINAR & EXAMINATION	Duration	Course Fees (SR)
1	Seminar & Examination	8 days	Please refer to our latest course fees by visiting the NDT Center Webpage on JIC Homepage www.jic.edu.sa
2	Exam Only (Parts A, B & C)	1 Day	
3.	AWS-CWI Seminar Only	7 days	
4.	One Day Seminar (Part B or C)	1 day	
5	AWS-CWI Original Literatures	N/A	
6	AWS-CWI Re-Exam. (A, B & C)	1 Day	
7	Re-Exam-Part A, B or C	1 Day	
8	(9) Year Recertification-Non Exam	N/A	
9	(9) Year Recertification Exam	1 Day	
10	AWS Certified Welding Engineer (Part 1 & 2 Examination)	1 Day	
11	AWS Certified Welding Engineer (Part 3 & 4 Examination)	1 Day	
12	Regular Renewal, Member	N/A	
13	Regular Renewal, Non-Member	N/A	
14	SCWI Examination (Part I & II only)	1 Day	



**Non Destructive Testing (NDT) Training Center
Inauguration Day
January 30, 2009**



**Kingdom of Saudi Arabia
Royal Commission for Jubail
Jubail Industrial College
www.jic.edu.sa**



**JIC-NDT Training Center
A Center of Excellence for
Professional Development**

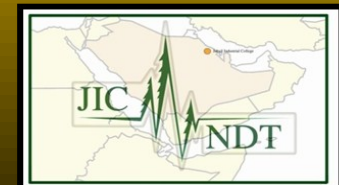
For Technical information and registration, please contact:

Industrial Relations

Telephone No. +966 (03) 340-2187 or
+966 (03) 340-2165

Fax No.: +966 (03) 340 2060

Email Address: ir@jic.edu.sa,
specialprograms@jic.edu.sa



INTRODUCTION

Effective NDT training has proven to play a major role in the qualification of personnel. Formal training with intensive hands-on experience is an essential element to reach this goal. NDT Training Center at Jubail Industrial College has the state of the art Laboratory facilities and experienced well qualified trainers with professional certifications. Training modules are conducted according to the Recommended Practice No. SNT-TC-1A of the American Society for Non-destructive Testing (ASNT) using the custom built programs and the approved training books. The Center currently conducts conventional NDT training for levels I & II in the methods PT, MT, VT, UT, RT, ET, as well as the Advanced NDT training in PAUT and TOFD. The center also regularly conducts AWS-CWI Seminars and Examinations which are well attended. The heavy industries like SABIC, SAUDI ARAMCO, Ma'aden, Aircraft, Power Generation, Water Desalination, Metal Fabrication, and many others, rely on NDT techniques to maintain integrity of their engineering systems.

OUR VISION

Our vision is to be the center of excellence and the preferred choice of NDT training in the Middle East, and be viewed among the most reputable Technical and Industrial Training providers in the region.

NDT STAFF: OUR MAIN ASSET

Our trainers are well qualified and certified in all major NDT disciplines. The international certification of our NDT people includes EN ISO 9712 Level III, ASNT NDT Level II, ASNT NDT Level III, AWS-CWI and NACE CIP-I, with a cumulative industrial experience over 45 years.

COURSES OFFERED

CUSTOMIZED NDT

The NDT center offers customized programs and short courses at various levels of certification using well equipped facilities in the six conventional methods namely UT, RT, MT, PT, ET and VT. The training is aided by more than 290 flawed test specimens of plates, pipes, and T-joints for welding and forging. The training on Electromagnetic Testing and IRIS (ET, MFL, RFT & UT) for Tube Inspection using MS-5800 has also been well received by the industries. Further details can be found in the following tables:

Customized NDT (Level I)

Sq#	Methods / Courses	Training Hours	Training Fees
1.	Penetrant Testing	35	Please refer to our latest course fees by visiting the NDT Center Webpage on JIC Homepage Www.jic.edu.sa
2.	Magnetic Particle Testing	35	
3.	Visual Testing	35	
4.	Ultrasonic Testing	40	
5.	Eddy Current Testing	40	



Customized NDT (Level II)

Sq #	Methods / Courses	Training Hours	Training Fees
1.	Penetrant Testing	35	Please refer to our latest course fees by visiting the NDT Center Webpage on JIC Homepage Www.jic.edu.sa
2.	Magnetic Particle Testing	35	
3.	Visual Testing	35	
4.	Ultrasonic Testing	80	
5.	Eddy Current Testing	80	
6.	Radiographic Testing & Film Interpretation	40	



Other NDT Courses

Sq#	Methods / Courses	Training Hours	Training Fees
1.	Introduction to NDT	35	Please refer to our latest course fees by visiting the NDT Center Webpage on JIC Homepage Www.jic.edu.sa
2.	Heat Exchanger Tube Scanning	80	

Advanced NDT

Training in advanced NDT methods such as Phased Array UT and TOFD are also available. The Center is currently equipped with five PAUT & TOFD Omniscan MX with scanner, encoder and other accessories.

Sq#	Methods / Courses	Training Hours	Training Fees
1.	Phase Array Ultrasonic Testing (PAUT)	80	Please refer to our latest course fees by visiting the NDT Center Webpage on JIC Homepage Www.jic.edu.sa
2.	Time of Flight Diffraction (TOFD)	80	



Equipment

METHOD	EQUIPMENT DESCRIPTION	QTY.
ET	MS 5800 (Tube Inspection: ET, RFT, MFL, IRIS) & 7 Mockup heat exchangers	1
	Nortec 500D ET Flaw Detectors	4
UT	Epoch XT Ultrasonic Flaw Detectors	18
	Epoch 1000i Ultrasonic Flaw Detector	1
	Panametrics 36DL Thickness Gauge	5
RT	Yxlon Directional X-Ray Tube System, with film processing darkroom facilities	1
	Dummy Gamma Projector System	1
MPT	Portable Electromagnetic Yoke	10
	Permanent Magnet	4
	Magnetizing Coil	2
	Prod Unit	1
VT	Borescope, 35 gauges, mirrors, lenses, calipers & kits	1



JIC-NDT Training Center has associated with Olympus NDT Co. & Eclipse Scientific, Inc. as (International Business/Training Partners).

