



AFRICAN NDT CENTRE
COURSE CURRICULUM
RADIOGRAPHIC TESTING LEVEL 1, 2 and 3

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	<p>4.2 Accessories for radiographic testing</p> <p>equipment lead tape measure holding magnets lead screens shielding rubber bands etc. radiation protection equipment</p>		
<p>5.0 Information prior the Test</p>	<p>5.0 Written procedures are given</p> <p>information about the test object</p> <p>Object dimensions Test class of standard Equipment to be used Exposure arrangement Extent of testing (20 % inspection) marking</p>	<p>5.0 Information about the test object</p> <p>Identification or designation</p> <p>Material, dimensions, isometrics number of parts field of application kind of manufacture catalogue of defects</p> <p>Test conditions accessibility infrastructure particular test conditions</p> <p>Applicable standards Overview Standards assigned to the test object Preparation of written instructions</p>	<p>5.0 Information about the test object and national requirements</p> <p>Additional to level 2:</p> <p>Selection of standards for specific testing Applications</p> <p>European standards Application standards overview purpose technical contents and systematic</p> <p>Product specific standards for special industrial sectors for welding for casting for pipes pressurised equipment directive</p> <p>ISO standards</p>



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			American standards: overview ASME-Code overview ASTM-Standards
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7.0 Evaluation And Reporting	7.0 Evaluation NOT APPLICABLE	7.0 Evaluation. Characterisation of the indications : single frequency analysis, multifrequency analysis, data analysis procedure	7.0 Evaluation. Characterisation of the indications : single frequency analysis, multifrequency analysis, data analysis procedure
	7.1 Reporting Examination report	7.1 Reporting Reporting level Examination report	7.1 Reporting Reporting level Examination report
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<p>9.0 Quality aspects</p>	<p>9.0 Personnel qualification (according to EN ISO 9712)</p> <p>Equipment verification</p>	<p>9.0 Personnel qualification (according to EN ISO 9712)</p> <p>Equipment verification Written instructions Traceability of documents</p>	<p>9.0 Personnel qualification (according to EN ISO 9712)</p> <p>Equipment verification Format of working procedures, Traceability of documents Other NDT qualification and certification systems A review of applicable NDT application and product standards</p>
<p>10.0 Developments</p>	<p>NOT APPLICABLE</p>	<p>General information</p>	<p>Array probes Pulsed eddy currents Non inductive techniques : Magneto-Optical Imaging, SQUID, Giant magneto resistance,...</p> <p>Imaging Modelling</p>