

Table 6.3.1A: Recommended Initial Training and Experience Levels

Examination Method	NDT Level	Technique	Training Hours	Experience	
				Minimum Hours in Method or Technique	Total Hours in NDT
Acoustic Emission	I		40	210	400
	II		40	630	1200
Electromagnetic	I	AC Field Measurement	40	210	400
	II		40	630	1200
	I	Eddy Current	40	210	400
	II		40	630	1200
	I	Remote Field	40	210	400
	II		40	630	1200
Ground Penetrating Radar	I		8	60	120
	II		20	420	800
Guided Wave	I		40	240	460
	II		40	240	460
Laser Methods	I	Profilometry	8	70	130
	II		24	140	260
	I	Holography/ Shearography	40	210	400
	II		40	630	1200
Leak Testing	I	Bubble Testing	2	3	15
	II		4	35	80
	I	Pressure Change	24	105	200
	II		16	280	530
	I	Halogen Diode	12	105	200
	II		8	280	530
	I	Mass Spectrometer	40	280	530
	II		24	420	800
Penetrant Testing	I		4	70	130
	II		8	140	270
Magnetic Flux Leakage	I		16	70	130
	II		12	210	400
Magnetic Particle	I		12	70	130
	II		8	210	400
Microwave Technology	I		40	210	400
	II		40	630	1200
Neutron Radiography	I		28	420	800
	II		40	1680	2400
Radiographic Testing	I	Radiographic	40	210	400
	II		40	630	1200
	I	Computed Radiography	40	210	400
	II		40	630	1200
	I	Computed Tomography	40	210	400
	II		40	630	1200
	I	Digital Radiography	40	210	400
	II		40	630	1200
Thermal/ Infrared	I		32	210	400
	II	Building Diagnostics	34	1260	1800
	II	Electrical and Mechanical	34	1260	1800
	II	Materials Testing	34	1260	1800
Ultrasonic Testing	I		40	210	400
	II		40	630	1200
	II	Time of Flight Diffraction	40	160	n/a
	II	Phased Array	80	160	n/a
Vibration Analysis	I		24	420	800
	II		72	1680	2400
Visual Testing	I		8	70	130
	II		16	140	270

(Table 6.3.1A notes see next page)