

ISO 9712 Radiography (RT2) Course Enrolment Form

STUDENT DETAILS PLEASE USE BLOCK LETTERS

Student First Name¹:		Date of Birth: / /	
Student Surname¹:			
Address¹:			
Suburb/City:		State:	Post Code:
Phone:			
Student Email¹:			
Payment of Fees by: <input type="checkbox"/> Student <input type="checkbox"/> Company			
By default, where course fees are paid by the company, course feedback and results may be provided to the student's employer, without prior consent. If you do not wish this to happen, please initial the box to the right.			

¹ The name and address supplied above will be used for all correspondence including certificates and letters of results.

COMPANY DETAILS – only required if Company is responsible for payment of fees

Company Name:		
Billing Address:		
Suburb/City:		State:
Contact Name:		Post Code:
Email:		
Email for Invoice:		
Phone:		
Company Purchase Order No: (Only for Approved Purchasers)		

COURSE DETAILS

Course	Sector: Welds, CR/DR Welds or CR/DR Profile <i>(chose one)</i>	Venue Melbourne or Perth	Dates	Total Course Fees Payable
ISO 9712 Radiography Level 2				\$

I understand the following conditions of enrolment and acknowledge by my signature: -

- This Enrolment is subject to the scheduled course proceeding. In the unlikely event that this course is cancelled, all monies paid to ATTAR will be refunded in full.
- I have read and I understand the ATTAR Student Handbook.
- Satisfactory completion of an ATTAR training course is only part of the process that may be required for attaining certification. For further information on gaining or applying for certification please refer to the Australian Institute for Non-destructive Testing (AINDT)
- This course includes AINDT exams (where applicable). For all exams, my results and details may be supplied to the AINDT.
- I will not be allocated a place on my nominated course(s) until all course forms have been completed and course fees have been paid in full.
- I acknowledge the pre-requisites for this course as detailed on page 2.

Student Signature:	Date: / /
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Student name:	Date of birth: / /
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PRE-REQUISITE INFORMATION - Pre-requisites for ISO 9712 Training and Assessment

<p>Pre-requisites</p> <p><u>Radiography Level 1 Training</u></p> <p>Candidates must have completed a minimum of 35 hours of ISO 9712 Radiography Level 1 training in either film or digital radiography. Level 1 training must be completed in the same method as the Level 2 certification being sought.</p> <p>Alternatively, candidates may complete a 56-hour combined Film and Digital RT1 course, comprising 16 hours of distance learning and 40 hours of classroom-based training.</p> <p><u>Radiation Safety Licence</u></p> <p>Radiography Level 2 enrolments will not be processed without a copy of a current Radiation Safety Licence.</p> <p><u>Math & Materials Technology</u></p> <p>Algebra & Trigonometry Maths pre-requisite worksheets can be located at www.attar.com.au or contact ATTAR if you require them to be sent by hard copy.</p> <p>Materials Technology (or a knowledge of materials processes).</p>

WA Courses:

Copy of CURRENT Western Australia Radiation Safety Licence is mandatory.

If you do not have a WA Radiation Safety Licence, you will need to apply to the Western Australian Radiological Council for approval to attend this course. ATTAR will require a copy of this approval in writing.

The student listed above hereby declares that:

- I have completed the RT2 Pre-Course Assessment on pages 4-7.
- I understand the AINDT ISO9712 examinations held at the completion of the course may be difficult to successfully complete if I do not have industrial experience in this method and sector.
- I understand that on the commencement of the course I will be examined on my basic maths and Radiation Safety knowledge to confirm suitability to attend the course and may be removed from the course if my knowledge is deemed inadequate.
- I understand that I must supply a current Film/OSL/TLD badge for the duration of the course.
- I have attached a copy of my current Radiation Safety Licence.
- I have attached evidence of my 35 hours of ISO 9712 Radiography Level 1 training.

Student Signature:	Date: / /
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Student name:	Date of birth: / /
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PAYMENT DETAILS

Payment of Fees by: *(please tick)* **Company** **Student**

I wish to pay my course fees of \$ _____

by: *(please tick payment method)*

Company Purchase Order – A copy of the Company Purchase Order for **the full course fee** must be supplied with this Enrolment Form (please note, this course is GST Free)

 Name of Account: Engineering Materials Evaluation Pty Ltd
Account Number: 02-785-2676
BSB No: 083-004
Bank: National Australia Bank Ltd
Reference: SURNAME AND COURSE ABBREVIATION (i.e. RS or RT)

Please forward enrolment and/or notification of payment to Email: training@attar.com.au

Cheque/Money Order payable to: ATTAR
Postal address: 44 – 48 Rocco Drive, Scoresby VIC 3179

Credit Card: Please contact our office to provide your credit card details

Cancellation, Transfer & Refund Policy (Summary):

- a) For a full refund of fees, all cancellations or transfer requests must be received in writing at least 14 calendar days prior to course commencement.
- b) Any cancellations or transfer requests received within 7 – 14 calendar days of course commencement will result in an Administration fee of \$250.00 with the balance of fees to be transferred to a future course scheduled no later than 1 year after the original course dates.
- c) Any withdrawal or cancellation within 7 calendar days of course commencement where ATTAR is unable to replace your enrolment (or during the course) will result in forfeiture of all fees
- d) A copy of the full **Cancellation, Transfer & Refund Policy** can be downloaded from the download section of www.attar.com.au or by contacting us.

Privacy Statement (Summary): ATTAR recognises that the privacy of customer personal information is paramount. ATTAR manages your personal information in accordance with the National Privacy Principles relevant to our business. A copy of the full Privacy policy can be downloaded in the download section of www.attar.com.au or by contacting the technical Director NDT.

Before submitting this Course Enrolment Form to ATTAR, please check the following:-

- I have signed and dated each page of this Student Enrolment Form
- I have completed the Pre-course assessment pages 4-7
- I have completed the payment details required
- My Name and Date of Birth are clearly legible
- I have attached a copy of my Radiation Safety Licence
- I have attached evidence of 40 hours of Radiography & Radiation Safety Training

**Enrolments cannot be accepted unless all pages have been completed and full payment supplied.
Please forward your completed Enrolment form to – training@attar.com.au**

How/why did you get into the NDT industry? _____

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Supplementary Data

HVL (mm)

Material	Source				
	Co 60	Ir 192	Se 75	100 kV X-rays	250 kV X-rays
Depleted Uranium	6.5	2			
Lead	12.4	6.4	1	0.24	.82
Steel	20	13	8	6.3	10
Concrete	66	48	30	19	28

TVL (mm)

Material	Source				
	Co 60	Ir 192	Se 75	100 kV X-rays	250 kV X-rays
Depleted Uranium	22	6.5			
Lead	41	21	4.5	0.8	2.7
Steel	68	44	27.5	21	33
Concrete	220	157	90	64	94

Characteristics of Radioisotope Sources

	COBALT CO-60	RADIUM RA-226	CAESIUM CE-137	IRIDIUM IR-192	SELENIUM SE 75
ENERGY (MeV)	1.25	1.22	0.66	0.355	0.279
HALF LIFE	5.3 yr	1620 yr	30yr	75 dy	120 dy

Specific Outputs

Radiation Source	(uSv/hr per GBq at 1 metre)
Iridium 192	130
Cobalt 60	350
Selenium 75	46

Prefix	Symbol	Value
yotta	(Y)	10 ²⁴
zetta	(Z)	10 ²¹
exa	(E)	10 ¹⁸
peta	(P)	10 ¹⁵
tera	(T)	10 ¹²
giga	(G)	10 ⁹
mega	(M)	10 ⁶
kilo	(k)	10 ³
hecto	(h)	10 ²
deka	(da)	10 ¹

Prefix	Symbol	Value
deci	(d)	10 ⁻¹
centi	(c)	10 ⁻²
milli	(m)	10 ⁻³
micro	(u)	10 ⁻⁶
nano	(n)	10 ⁻⁹
pico	(p)	10 ⁻¹²
femto	(f)	10 ⁻¹⁵
atto	(a)	10 ⁻¹⁸
zepto	(z)	10 ⁻²¹
yocto	(y)	10 ⁻²⁴

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