



New NDT Trainer For WA



Stephen Saunders

Mobile: 0400 544 887

Email:

stephensaunders@attar.com.au

ATTAR has been joined by Stephen Saunders who will be running NDT Training courses in Western Australia. Stephen comes to ATTAR with extensive leadership and training knowledge and skills gained through training facilitation and in practical application.

Stephen gained his early experience in the RAAF where he was involved in research and development of procedures, identification of equipment and the physical inspection of aircraft and components, using non-destructive testing. He graduated to the role of Instructor and Assessor where he designed and developed courses.

Subsequently Stephen moved into industry where he worked in general aviation and the petrochemical industry, as well as conducting training courses at AMTC. During that time he also completed a Bachelor of Arts Degree in Training and Development.

Stephen has also recently obtained his Certificate IV Training and Assessment (TAA40104).

Stephen will be running ATTAR courses at new purpose built training facilities at RTD Steeltest, Richardson St, Kwinana.

Stephen is also conducting courses in conjunction with Advanced Training International in Darwin.

Upcoming courses include:

- Ultrasonics
- Eddy Current
- Magnetic Particle
- Multisector
- Liquid Penetrant
- Radiation Safety
- Radiography

Courses include AINDT accepted exams.

Enrolment Information available at

www.attar.com.au

ATTAR Increase Commitment to Western Australia

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Six months have passed since ATTAR first established an NDT Training Centre in Western Australia. Since then ATTAR's commitment to Western Australia has expanded. We now have a Mechanical/Electrical Engineer in Perth to deliver Professional Witness Services for the Legal profession regarding mechanical, electrical and personal injury areas.

The Engineers' role also extends to Slip Resistance Testing of new products to AS/NZS 4586:2004, existing pedestrian surfaces to AS/NZS 4663:2004 and Acoustic Emission testing of Pressure Vessels, Storage Vessels and Elevated Work Platforms to AS 4748: 2001.

With the new Storage and Handling of Dangerous Goods Code of Practice about to be introduced to WA; ATTAR Western Australia is also uniquely positioned to deliver services in Acoustic Emission testing of above ground storage vessels.

If you feel ATTAR WA can help you please call:

John Cacic

Mobile: 0414 337 806

Email: johncacic@attar.com.au

Course Schedule - 2006 (2nd Half)

SUBJECT	DATE	ENROL BY	LOCATION	PREREQUISITE
Acoustic Emission Level 1*	Contact Us	-	-	Nil
Acoustic Emission Level 2*	Contact Us	-	-	
Eddy Current Level 2	4 – 15 September	14 August	Perth	Multi Sector #
	23 Oct - 3 Nov	2 October	Melbourne	
	4 – 15 December	13 November	Perth	
Hands on Introduction to NDT*	15 - 17 November	30 October	Melbourne	Nil
Magnetic Flux Leakage*	Contact Us	-	-	UT2 Welds or UTCORR
Magnetic Particle Level 1	13 – 15 September	21 August	Melbourne	Nil
	6 - 8 December	13 November	Melbourne	
Magnetic Particle Level 2	9 – 13 October	11 September	Melbourne	Multi Sector #
	16 - 20 October	11 September	Melbourne	
	27 Nov – 1 Dec	23 October	Perth	
Multi-sector	2 – 6 October	11 September	Melbourne	Nil
	9 - 13 October	11 September	Melbourne	
	20 – 24 November	23 October	Perth	
Liquid Penetrant Level 1	11 – 12 September	21 August	Melbourne	Nil
	4 - 5 December	13 November	Melbourne	
Liquid Penetrant Level 2	25 – 29 September	11 September	Melbourne	Multi Sector #
	2 - 6 October	11 September	Melbourne	
	13 – 17 November	23 October	Perth	
Radiation Safety	11 – 15 September	21 August	Darwin	Nil
	25 – 29 September	4 September	Perth	
	16 – 20 October	25 September	Melbourne	
Radiography Level 2	28 Aug – 8 Sept	7 August	Melbourne	Radiation Safety
	3 – 13 October	11 September	Perth	
	13 - 24 November	23 October	Melbourne	
Ultrasonics Level 1	2 – 6 October	11 September	Darwin	Nil
	16 – 20 October	25 September	Perth	
	4 – 8 September	14 August	Townsville	
	11 - 15 December	20 November	Melbourne	
Ultrasonics Level 2	18 - 29 September	28 August	Melbourne	UT1
	9 – 20 October	11 September	Darwin	
	23 Oct – 3 Nov	2 October	Perth	
Castings & Forgings	Contact Us	-	-	Level 2 General
UT2 Nodes/Nozzles	Contact Us	-	-	UT2 Welds
UT Corrosion(UTCORR)*	31 May - 2 June	10 May	Melbourne	Minimum UT1

Course Schedule - 2006 (2nd Half)

SUBJECT	DATE	ENROL BY	LOCATION	PREREQUISITE
Liquid Penetrant Level 3	11 – 15 December	6 November	Melbourne	LPI 2
Magnetic Particle Level 3	4 – 8 December	30 October	Melbourne	MPI 2
Radiography Level 3	Contact Us	-	-	RT 2
Ultrasonics Level 3	27 Nov – 1 Dec	23 October	Melbourne	UT2

Note * = Non AS3998/ISO 9712 Training Courses

Completion of a Multi-Sector course is not compulsory. However most students without a formal background in materials engineering or metallurgy may find aspects of the industry specific exams (PT 2, MT 2 & ET 2) difficult without completion of the multi-sector course.

Suggested Prior Knowledge, Enrolment & Prerequisite Information can be found at www.attar.com.au

Also Available - Specialised & On-Site Training, Level 3 Support Services
For further details contact **Paul Grosser** or **Carol Owen**.

Occupational Exposure to Black Lights

The Occupational Standard for Exposure to Ultraviolet Radiation (1989), Radiation Health Series No 29, sets out guidelines for the exposure limits to ultraviolet radiation.

The exposure limit values in this standard refer to ultraviolet radiation in the spectral region between 180 and 400 nm and represent conditions under which it is believed that nearly all workers may be repeatedly exposed without adverse effect.

For the near-ultraviolet UV-A spectral region (315-400 nm), the total radiant exposure incident upon the unprotected eye should not exceed 1.0 Jcm⁻² (10 kJm⁻²) within an 8 h period and the total 8 h radiant exposure incident upon the unprotected skin should not exceed 2.7 × 10⁵ Jm⁻² (Wavelength 365nm, mercury discharge spectrum).

The minimum output required by numerous Australian Standards for Non Destructive Testing is 10w/m² @38cm.

This is equivalent to 10 Joules/second (1 Joule = 1 watt/second)

For Unprotected Eye, exposure limit would occur in 16.66 minutes.

For Unprotected Skin, exposure limit would occur in 7.5 hours.

Numerous systems with outputs above 60w/m² @ 38cm are currently available. This is equivalent to 60 Joules/second

For Unprotected Eye, exposure limit would occur in 2.7 minutes.

For Unprotected Skin, exposure limit would occur in 1.25 hours.

(Note: Times are based on the figures and a distance of 38cm, variations in exposure distance will vary output and times accordingly.)

Safety Precautions:

- Never look directly at a lamp whilst it is operating.
- Never operate a lamp with a cracked or damaged filter.
- Glasses specifically designed to filter black light may be worn, however the transmission curves of the glasses should be checked against the emission curve of the fluorescent material under inspection.

- Wear opaque gloves and protective clothing during inspections to protect from possible UV irritation.
- Ensure black light source is placed to minimize direct exposure to operators.

Additional safety information is provided on ATTAR's Magnetic Particle and Liquid Penetrant courses.

For more information on ATTAR courses please contact

Paul Grosser

Phone: 613 9574 6144

Email: paulgrosser@attar.com.au



Acoustic Emission Testing in Papua New Guinea

In February 2006, ATTAR successfully conducted a series of Acoustic Emission tests on 13 above ground diesel storage tanks located at the OK TEDI mine in Tabubil and Kiunga in PNG. Testing was conducted on above ground diesel storage tanks ranging in diameter from 4 to 30 metres.

With the help of OK TEDI mine staff, especially Michael Lave, the project was successfully completed on time, not an easy task considering it rained every day!

Tabubil, which is located at an elevation of 457 m above sea level and has an average annual rain fall of 8 metres.

Acoustic Emission testing enabled grading of the tanks with respect to the condition of the floor to be conducted, thus allowing mine staff to prioritise upcoming inspections.

This was achieved with minimal disruption to operations. Vessels are required to be filled to approximately 70% before allowing it to settle for 12 to 24 hours, after which, testing is conducted by

listening to the tank floor using very sensitive sensors, located on the external circumference of the tank.

For more information on how Acoustic Emission can save you from unnecessarily opening up a good tank and can assist you

to prioritise your tank inspection program and for more information please contact

Dr Gary Martin

Phone: 613 9574 6144

Email: garymartin@attar.com.au



NATA Accreditation for all Slip Testing



ATTAR is the first company in Australia to have been accredited by NATA to conduct dry (Tortus II floor friction tester) to Australian Standards AS/NZS 4586 & AS/NZS 4663 and oil-wet ramp (German Ramp) slip resistance testing to Australian Standards AS/NZS 4586.

ATTAR already holds accreditation to conduct wet slip resistance testing and can now offer the same level of confidence in results for dry and ramp testing.

By using ATTAR you can be assured that you are using the best independent slip resistance testing company in Australia with expertise in regular slip testing in shopping centres/public buildings, product testing as well as all legal and

OH&S audits and risk assessments.

ATTAR commissioned its own German Ramp Tester in our Melbourne laboratory earlier this year and is now able to conduct in house testing to the current Australian Standard AS/NZS 4568 Appendix D.

This testing produces a slip resistance rating of the floor surface which yields an R classification such as R9, R10, R11, R12 & R13.

For more information on slip resistance testing contact

Marcus Braché.

Phone: 613 9574 6144

Email: marcusbrache@attar.com.au

Pendulum Calibration

ATTAR is also pleased to offer a NATA accredited calibration service for the British Portable Skid Resistance Testers (Pendulum). Calibration is conducted to British Standard BS 7976-3:2002 Pendulum testers Part 3: Method of Calibration. All Pendulum instrument must be calibrated every two year as per the requirements of Australian Standards AS/NZS 4586 & 4663.

To ensure quality of our service calibration is performed using the Wessex Calibration Rig which ATTAR has purchased and commissioned.

Australian and New Zealand Standards AS/NZS 4586:2004 & AS/NZS 4663:2004, require Pendulum friction testers to be calibrated to either ATM No.6 Detailed procedures

for calibration of the British Portable Skid Resistance Tester or BS 7976-3 Pendulum testers Part 3: Method of Calibration. The maximum period for external calibration for instruments in New Zealand is 12 months and for Australian instruments at intervals not exceeding 2 years.

The new Pendulum calibration service is

designed to complement the existing slip resistance services offered by ATTAR which include:

Australian Agents for Severn Science Limited, manufacturers of the Tortus II Floor Friction Tester.

Tortus II repair and spare parts.

Performance verification of Tortus I & II.

Suppliers of the Munro Stanley Pendulum and spare parts.

Suppliers of Slider 96 (formerly 4S) and Slider 55 (formerly TRL) Rubber Sliders which are used with the Tortus and Pendulum Machines, complete with batch certificates

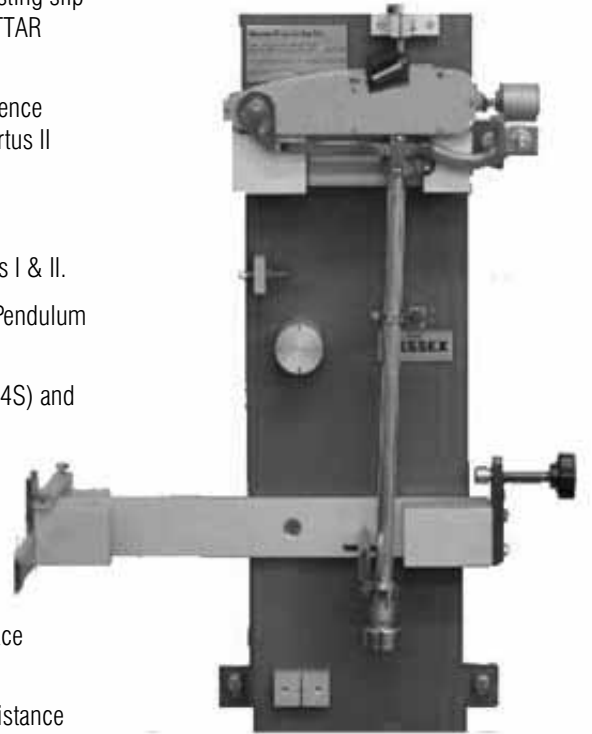
Suppliers of Taylor Hobson surface roughness meters.

For more information on slip resistance testing, calibration or sales of equipment please do not hesitate to contact

Marcus Braché.

Phone: 613 9574 6144

Email: marcusbrache@attar.com.au



ATTAR Strategic Conference 2006

ATTAR was established by Gary Martin and Don McConville in 1985 in response to winning the Company's first tender to conduct Acoustic Emission monitoring of Elevating Work Platforms (EWPs) for Sydney County Council. Since it's inception over 20 years ago, ATTAR has diversified its service offering and has grown into a profitable and successful Company.

In order to continue this success, all ATTAR employees congregated at the Yarra Valley Conference Centre, on 28th & 29th April for 2 days of brainstorming, group exercises, number crunching and overall strategic planning!

ATTAR's employees are our most valuable asset and it was with their knowledge of the business and industry that we were able to define not only our Company

Vision, Values and stakeholders but also consider our competitors, service mix, financial targets and strategy for success and action plans for achievement for the next 3-5 years!

ATTAR is now proud to share with you, the Company Vision & Values:

***Delivering leading practice
Engineering Consulting & Training
Services with quality, integrity &
relevance.***

- *Integrity & Ethics*
 - *Openness*
 - *Loyalty*
 - *Flexibility*
 - *Learning for Life*
 - *Inclusivity*
 - *Ownership*
 - *Teamwork*
-

While all employees worked very hard and contributed solidly over the 2 days, there was of course some socialising to be had too - after all the Yarra Valley vino had to be tested and the pool table needed a workout!

It was great for our WA employees to be able to spend some quality time both professionally and personally with their VIC counterparts!

Thank-you to all our customers for their patience and support on the Friday that we closed our Australian offices for this conference, your support meant we were able to focus on how best to address your needs and surpass your expectations into the future!

About the Company....

Delivering leading practice Engineering Consulting & Training services with quality, integrity & relevance.

ATTAR is an independent Engineering Consulting and Training company

dedicated to providing you with a complete modern facility for metallurgical testing, slip resistance testing, consulting, failure analysis, problem solving and expert witnessing. Our mission is to provide clients with metallurgical, slip resistance and failure analysis consulting of high professional quality. We do this with uncompromising professional ethics and by practicing metallurgy and materials science as our chosen craft.

Why choose ATTAR?

Simple, we are privately owned and are not influenced by a parent organisation that may introduce conflicts of interest. We are a service organization and have thrived by understanding our client's individual needs and helping them to solve their materials problems. Once the needs of the client are communicated to us, we take the time and attention to ensure that our analytical procedures are appropriate and correct. The data is then thoroughly reviewed and our interpretations are presented in a formal report. The level of documentation contained in the written report is discussed beforehand. For example, a report to support a legal claim involving damages and injury is much

more intensive than a routine quality control confirmation of raw material. If we cannot provide you with the necessary services, then we are happy to refer you to another facility whenever possible. Dr Gary



Dr Gary Martin and Mrs Robyn Martin - ATTAR's Directors

How can ATTAR help you?

Efficient use of materials, processing and applications saves money. Upon reviewing your requirements, we can assist you in specifying your materials and/or processes. Evaluations of your current products can reveal where improvements can be made or where deficiencies exist. Examples include specifying alternate materials that are better suited

to the application or alternate processes that can reduce the need for more expensive materials. Our engineering expertise and evaluations can help provide better and more reliable products that result in reduced costs and failures.

How do we initiate a project at ATTAR?

Projects are usually initiated by calling us with a description of the testing requirements or details of a problem. After the initial conversation and a review of applicable specifications, blueprints and histories; we can provide a rough cost estimate and lead-time. The materials or samples are then sent to our laboratories for another review prior to initiating any work. To prevent serious miscommunication, clients are called if there are any discrepancies between the initial conversation and what is actually required or stated on the purchase order. If necessary, we can call with verbal results prior to sending a full written report. Written reports may also be faxed.

27/134 Springvale Road,
Springvale Vic 3171
Phone: 613-9574-6144
Fax: 613-9574-6133
E-mail: admin@attar.com.au

About the People....

Retiring Director - Robyn Martin

Robyn Martin has been a Director of ATTAR since 1986 and has made the momentous decision to retire come 31 August 2006.

ATTAR is extremely grateful for Robyn's dedication, experience and professionalism as

Director. Robyn heralded in a new era for ATTAR when she joined, using her vast secretarial and previous business ownership experience, she introduced organisation, structure, accuracy and efficiency to all

ATTAR's operations. Her support, both on a professional and personal level to all ATTAR employees has always been appreciated and this, along with many other qualities will be sadly missed by all.

Email: robmartin@attar.com.au



New NDT Trainer (Melbourne) - Malcolm Oakey

The newest addition to ATTAR is Malcolm Oakey, who will be based in Springvale as an NDT Trainer and Senior Consultant.

Malcolm has worked in the Aviation industry since 1984, initially as an Airframe/Engine Technician with the British Army and later moving into component overhaul and non

destructive testing with McAlpine Helicopters, the UK's Eurocopter distributor, before moving to Australia in 2004.

Malcolm is a member of both the AINDT and BINDT and holds Level 3 Qualifications in:

- Magnetic particle,
- Penetrant; and
- Eddy Current Inspection.

Malcolm has also been involved with the formation of the Australian National Aerospace Non-Destructive Testing Board (NANDTB) and is the current Deputy-Chairman.

Email: malcolmoakey@attar.com.au



Office/Finance Manager

ATTAR would like to introduce our new Office Manager Ms Carol Owen, who joined ATTAR early April, due to the impending downsizing of Robyn Martin's position to 2 days work commencing July 2006 with Robyn's complete retirement to occur in September 2006.

Carol holds a Bachelor of Business Marketing and

Management from Monash University as well as a Diploma in Business Studies. During the course of her career, Carol has also trained to ISO9000:2000 Quality Assurance standards and holds certification as an Internal Auditor.

Carol had one day's work at ATTAR, before being thrown onto a 2 day Senior First Aid Course, various other training

seminars, as well as our Conference at the end of April. Carol was finally able to begin her "hands-on" work with ATTAR early May and has certainly proved more than capable in coping with the role of keeping ATTAR on the "straight & narrow", whilst still being able to retain a sense of humour.

Email: carolowen@attar.com.au



Human Resources and Operations Manager

Georgina Ablett joined ATTAR on 16th January in the position of Human Resources & Operations Manager.

Georgina holds a Bachelor of Business (IR & HRM) and several other HR qualifications and has been working in HR and related fields for 8 years. Georgina joins ATTAR to assist the Company with all aspects of employee management and

improvement in operational efficiency and effectiveness.

Amongst other things, Georgina has been charged with preparing the ATTAR strategic plan and with researching and coordinating requirements for additional training accreditation for ATTAR courses within Australia.

Georgina has worked in a number of industries, in such

companies as ANZ, CPA Australia, Linfox, Integrated Group and the Department of Employment. She has also spent 2 ½ years as an antipodean, living and working in HR in London, is now married to Chris Ablett (sorry, no relation to that famous Footy player!) and is currently undertaking a demanding, muscle tiring fitness regime with 'Fire Up Fitness'!



Our 'Director of First Impressions'

Kylie Anderson joined ATTAR on October 27th 2005, in the position of Administration Assistant. Shortly after she commenced, Kylie also found herself in charge of 'first impressions' or Reception as we all know it!

In order to ensure on-going development into her new role as Receptionist & Administration Assistant, Kylie is currently undergoing a Certificate III in Business Administration with Chisholm TAFE, which will take

approx 18 months to complete, although with her current enthusiasm, it is likely to be sooner!

Kylie has also completed her Certificate I in First Aid and will be completing a Hands On Introduction Course with ATTAR. loves her dog Cody, has a great sense of humour and is looking forward to having a successful career with ATTAR.

Email: admin@attar.com.au



A Sad Farewell - John Dimopoulos

It is with great sadness that ATTAR bids farewell to John Dimopoulos Principal Mechanical Engineer. John commenced with ATTAR in 1995 and is ATTAR's longest serving employee, other than Gary and Robyn! John became an integral part of ATTAR very early on, providing exceptional consulting mechanical engineering services. In 2001, John took up an option to purchase shares in ATTAR and currently has a 5% shareholding in

the Company. John will remain a shareholder after he leaves ATTAR, continuing his association and faith in the Company he helped create! John leaves ATTAR to pursue a change in career direction with General Motors Holden, where no doubt he will continue to be highly successful! We thank John for all his tireless hard work, dedication, creativity and humour over the years and will greatly miss his presence on a daily basis! We wish him all the

best for the future and look forward to continuing the relationship with him as a Company Shareholder.

John's duties will be allocated to existing ATTAR employees, and ATTAR also looks forward to welcoming a new Trainee Engineering Technician to assist in the next couple of months! Please contact Gary Martin if you have any questions regarding who is managing your business.

Want to know more?

Fax back to ATTAR Aust. 03 9574 6133 New Zealand 06 758 6426

Company Name:	Date:
Contact Name:	Phone:
Postal Address:	Fax:
Comments:	Email:

Comment	Page	Need more	
ATTAR increases commitment to Western Australia	1	<input type="checkbox"/> YES	<input type="checkbox"/> No
NDT Training - WA	1	<input type="checkbox"/> YES	<input type="checkbox"/> No
Course Schedule 2006	2	<input type="checkbox"/> YES	<input type="checkbox"/> No
Black Light Exposure	3	<input type="checkbox"/> YES	<input type="checkbox"/> No
Acoustic Emission	4	<input type="checkbox"/> YES	<input type="checkbox"/> No
NATA Accreditation	4	<input type="checkbox"/> YES	<input type="checkbox"/> No
Pendulum Calibration	5	<input type="checkbox"/> YES	<input type="checkbox"/> No

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