



ATA

Australasian Thermographers Association

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April / July 2013

ATA Newsletter

Welcome to ATA In this edition: Updates Australian Standards meetings May 2013 for the ME-087 Committee meeting for Standard ISO Condition Monitoring & Maintenance of Machines only 18436 1-7 ATA Application for New NDT Standards for Electrical Building Pest and Solar Energy, Mechanical Services Read on to see what is happening the world of Thermography and ATA

Standards Australian

May 2013 ATA representatives to the Condition monitoring and Diagnostics of Machines committee for ISO 18643 1-7 attended the third meeting to finalise the working documents which had to be submitted to the International Standards Organisation for the meeting in Berlin late May 2013 and from emails from Standards Australia all went well.

Our understanding now is that the second stage of the above standards will commence which will bring the Australian industry component into play for example the development of the Australian Equivalent to the ISO 18643 1-7.

This is where you see the forward / AS xxxx numbering system and from what our representatives have said and feedback is this will take a lot of work with all the key stakeholders having a lot of input into this standards and many meetings to come

UPDATE on ATA'S Application to Standards Australia for the development of a New Thermal Imaging Standards for non destructive testing for thermography is moving forward with the request by Standards Australia to change the Draft Document up for adoption AS 4938-200X NDT.

The small changes are to the title of the standard and the type of inspection method the Changes are as follows:

The Title is "Qualification and Certification of personnel
- Thermographic testing"
- to remove the words "Condition Monitoring "
- and replace with "Thermographic Inspection Methods" throughout the document

Urgent Information & update

Further to our meeting with Standards Australia on the 7th of August 2013 in Melbourne we have been advised by Standards Australia that we need to make changes to the Draft standard AS 4938—200X it has been recommended that we split the standard application into three parts

Development of one standard with various parts. This standard will set out the requirements and thresholds that are to be fulfilled in relation to thermal imaging for:

- Part 1: Personnel
- Part 2: Processes
- Part 3: Equipment

Continued

Other Changes to the draft standard is to replace the Industry sectors which refer to "Conditioning Monitoring" with the following Industry's

- Electrical
- Building
- Pest
- Mechanical Services

These are the four major industries that the committee when formed later this year around September will be focusing on

Starting with

- Personal (Training and requirements)
- Process (how to perform the inspection method)
- Equipment used (types of cameras and testing instruments)

There have been some other smaller changes to this document mainly in the preface, Index and committee representation once these changes have been approved by Standards Australia that is when the committee is formed

But works are on going on this document and we will keep you update as it goes



Australasian Thermographers Association
Incorporated 26th July 2010

Thermography Code of Practice



If you would like to purchase this code of Practice you can buy it at
www.ATANDT.com.au

NESMA

ATA'S Chairman Mr David Rice and ATA'S Secretary Mr Martin White Attended the Nesma demonstration day in April 2013 (**NESMA** is the body that represents member interests in the Electrical Switchboard Manufacturing industry throughout Australia.)

This is what happened when NESMA's Victorian Branch staged a frightening demonstration of what can go wrong if Switchboards are subjected to unexpected faults.

The explosive destruction of the switchboard and life-size mannequin was a highlight of the branch's Annual Seminar



a report on the event and out comes which will be a major feature in the first issue of NESMA's new newsletter, now being prepared.

NESMA Victoria's shocking highlight at the ITACS testing facility in West Heidelberg was a particularly valuable learning experience for younger people entering the industry, as well as old hands who want to show customers the effect high fault levels can have on switchboards.



Exploding Switchboard and the evidence by way of Digital Image

"Most people are unaware of the amount of energy released from circuit protection devices when they interrupt under fault conditions in switchboards". Few people really understand what can happen if switchboard manufacturers don't rigorously test their technology to ensure they can withstand major power faults.

In some major metropolitan centres, these faults can surge up to 63 kA – enough to knock out under-performing switchboards," said NESMA Honorary President (Victoria) Mr Wayne Walker. His reports on the event will a feature in the newsletter.

Thermal Imaging Training Course 2013

ATA's Training course was postponed due to the lack of numbers after receiving many expressions of interest it came down to only three company's that actually registered to attend

This was extremely disappointing as ATA has put a lot of time and effort into finding the most up to date training facility however all is not lost we will be resending invitations out later this month and we are hoping to get a lot more company's to attend this course.

After discussion with key stake holders and affiliated Members of ATA our next planned Course will be late September early October more information in the next couple of weeks with a confirmed date and venue

ATA'S AGM MEETING

ATA will be holding its Annual General Meeting and will be held in September 2013 and all members are kindly invited to attend nomination forms will be sent out soon those wishing to be on the committee need to be nominated and seconded by financials members only

UPCOMING EVENTS:

Thermal Imaging Training Course:
Where: Melb
Type: Electrical
Date: September/ October 2013
Time: TBA