



MEETING NOTES
EGEA Working Group 9 – Mobile Air-Conditioning Systems

Wednesday, 9th January 2013, 09h00 – 16h30

**EGEA Offices (c/o FIGIEFA)
Boulevard de la Woluwe, 42
BE – 1200 Brussels**

Participants:

AICA/ Brain Bee spa	Andrea Cantadori
AICA/ Ecotechnics	Giovanni Ottantini
AICA/ Luvata Italy	Stefano Collavini
AICA/ SPX Italy	Alessandro Carluccio
ASA/ Dometic Waeco International	Guido Sasse
ASA/ Hella	Pete Bradley
ASA/ Texa spa	Oliver Schilling
AVL DiTest	Peter Kerschenbauer
GEA	Dave Garratt
FMA/TAE	Luc Thijs
STM/ Sosnowski	Michal Kotarak
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EGEA Secretariat	Neil Pattemore

1. Opening and welcome

On behalf of EGEA, Pete Bradley welcomed all participants and in particular Dave Garratt representing the GEA Association in UK.

2. Approval of the minutes of the last Working Group 9 meeting held on 24th October 2012 in Brussels

- With no further remarks, the minutes of the last WG9 meeting held on 24th October 2012 in Brussels were unanimously approved.

- Pete Bradley was elected to take the meeting minutes.
- **Approval of the agenda:** As per the request of Oliver Schilling and agreed by the group the Agenda item 5 should be discussed first. The rest of the Agenda was approved with no additions.

3. EGEA HFO 1234YF specification

3.1. Last review and signing off of the EGEA HFO 1234YF specification

The group went through the specification to ensure that all amendments and corrections had been implemented. Additional points and some small corrections, such as spelling or grammar were also done at this time. The document has been renamed (EGEA WG9 AC Equipment spec_09012013_Vers 09) and is attached and was agreed by all as being complete as far as technical content is concerned.

3.2. Discussion on the official format of the specification

The formats of PAS, CEN and also ISO were discussed, it was decided to keep the document as it is but formalise it into a usable document, in order to do this the following need to be added.

1. A relevant image for the front page. (Pete Bradley is requested to supply)
2. An Index
3. An Amendments sheet
4. Introduction and Scope, Chapter 1 & 2 (Pete Bradley to is requested to provide a suitable draft text)
5. Illustrations for the relevant parts. (Alessandro Carluccio is requested to provide)(1 attached)
6. A References page
7. Appendix 1 (Andrea Cantadori is requested to provide) (attached). The appendix is an active worksheet and as such only an image will be included in the specification. The worksheet should be made available as a download from the EGEA WG9 Webpage.
8. Each page needs to have the Document name, Document Number and Revision Number included in the footer as well as the page number.

Action: Eleonore van Haute is requested to complete the document with documents from Pete Bradley for distribution to the WG9 members for comments and a final approval shall be sought from members during a 'Webcon' in February.

3.3. Operating manual

Decision: As the details and contents of this are part of the specification no further action is required.

3.4. Testing Centre Requirements

Discussions

- The following options were proposed as options for this.
 1. A singular EGEA Nominated test centre.
 2. Any EU approved testing centre (Notified Body)
 3. Manufacturers own choice.

- In order to add value to the EGEA stamp of approval, EGEA needs to ensure that the tests are reliable and qualitative.

Option 1 was considered as the optimal solution; however, this was felt that this may incur an undue resource and capacity burden on EGEA and customer inconvenience.

Option 3 would be difficult to control and risky.

Option 2 was discussed and found to be the best option to meet the EGEA requirements. The EMC Directive and LVD certification needs only to be proved, however, the PED and EGEA specification testing are to be inextricably linked to ensure that the tests are reliable and trustworthy.

In order for a service unit manufacturer to gain the EGEA stamp of approval the following has to be met.

1. EMC – any laboratory
2. LVD – any Laboratory
3. PED and EGEA Specification– only through a PED Notified Body test centre.

- EGEA needs to check the documentation through an application and approval process. An option to carry out an audit on the manufacturer and test centre needs to be possible.

A list of Notified Bodies is available at

<http://ec.europa.eu/enterprise/newapproach/nando/index.cfm?fuseaction=notifiedbody.main>

- Action

A statement reflecting this process is to be included in Chapter 8 of the specification. Andrea Cantadori is requested to draft a suitable text. (attached)

3.5. Distribution

Decision: The distribution of the specification was agreed to be as an official EGEA document in PDF format and also as a download from the EGEA website.

3.6. Next steps

4. Best Practice document content and Format

The proposed content was discussed and summarised in the attached document. All members are requested to review the content and submit any further subjects that need to be addressed to Eleonore van Haute.

Andrea Cantadori is requested to define a suitable structure for the document. This will be discussed at the next meeting and filled with the content based on the submissions of the members.

The document should form part of the Operating Manual and also be available separately in a printed version and as a download from the EGEA website.

5. Letter from the European Commission

5.1. Further clarification on Daimler's statement: analysis, implications for EGEA

- A discussion about the response from the commission and various press information followed. Pete Bradley presented relevant parts of the Honeywell presentation (attached) made by Honeywell at the last ASA meeting in Germany in December 2012.

- EGEA WG9 thanks ASA for the use and distribution of the presentation.
- Various views from members were expressed and discussed.
- Actions
 1. It was agreed that a letter be drafted to be addressed to the relevant member state authority posing the question as to how they intend to enforce the EU regulation if a VM violates the regulation. The letter would then be circulated to our members so that they can forward to the relevant authority.
 2. Neil Pattemore is requested to draft the template letter.
 3. Pete Bradley is requested to supply the contacts of the authorities (Done)
 4. Eleonore van Haute is requested to supply a list of EGEA members for the relevant countries to Neil and Pete.
 5. A list can be compiled from the replies as to how each member state and VM is reacting to the current situation.
- A concern was raised by Guido Sasse about the regulations for transportation and storage. Pete Bradley stated that he has some information and would provide to the group (attached).

This subject should also become part of the 'Best Practice' document and also include the MSDS for 1234yf from Honeywell (Solstice) and DuPont (Opteon).

5.2. Formulation of an EGEA statement for publication

- The proposal from Pete Bradley to issue a press release from EGEA WG9 making a statement about our activities was discussed.
- Any statement made should not put EGEA in the middle of the current situation but reflect our intentions and include

- Assurance of support to equipment users (VM and Aftermarket)
- Intentions to release a unit specification and 'best practise' brochure.
- Supply of safe and reliable service equipment.
- Voice of equipment manufacturers at EU level.
- Background to WG9 and EGEA.

- Action
 - Pete Bradley is requested to draft a suitable statement for a press release.
 - All members of WG9 and the secretariat are requested to approve the press release once finalised.
 - Eleonore van Haute is requested to inform Pete Bradley of the process for such a press release.

6. Any other business

The members felt that we need to speed up in light of the current situation and how it may develop. The activities of the WG need to be made more transparent to a wider audience and promotion of activities need to be implemented.

EGEA Website. It was noticed that the WG9 is not directly listed on the EGEA website, Eleonore van Haute is requested to rectify this as soon as possible. In order to provide EGEA website users with current information etc. it was decided that we create a link to a WG9 pdf document within the EGEA Website.

Alessandro Carluccio is requested to provide a proposal for a suitable WG9 pdf document to Eleonore van Haute.

All members of WG9 require a log in for the EGEA Website. Eleonore van Haute is requested to provide each member of WG9 with such a log in as soon as possible.

7. Thank you and closure

Next meeting

The next F2F meeting is to be held in Week 10 or 11 in the same format with a dinner on the evening prior to the meeting. Eleonore van Haute is requested to create a Doodle query for this.

A Webcon is to be held in February for 2 hours in Week 7 to review progress on the specification and the best practise document. Eleonore van Haute is requested to create a Doodle query and set up a Webcon accordingly.

Thank you and closure

The Chairman thanked all participants for an active and productive meeting.

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Pete Bradley
WG9 Chairman