



ETN

Exhaust Systems Project Group

Minutes of Teleconference Meeting 24 September 2013

Attendees:

Dingo Kist	Aarding
David Champneys	BIHL
Terje Kaspersen	Kanfa-Tec
Ole Torp	Mjorud
Paul Setchfield	Mjorud
Joerg Gottwald	Statoil
Ioli Dodi	ETN
Karen Geris	ETN

1. Summary of Discussion

Karen opened the meeting and notified the other participants that Amelie sends her apologies but due to an unexpected change in schedule she could not attend.

Karen explained that the purpose of the meeting was to agree on a proposed timeline for the continuation of the review of the ETN standard, and to assign and agree on any outstanding action.

The group agreed on the following timeline:

i. Finish the outstanding sections: deadline 1 November 2013

The outstanding sections:

- a. A section/chapter on "Information to be provided by the purchaser" (David Champneys – BIHL)
- b. The analytical chapter (Frazer-Nash + Mjorud – see point g)
- c. Terminal point switch requirements (Paul Setchfield - Mjorud)
- d. Separation of the sections in 3.4 "structure and fabrication" per Aardings comment (Aarding)
- e. Pressure drop in dampers (Mjorud)
- f. Hydraulic actuation (Mjorud)
- g. Chapter on structural calculations (Mjorud)
- h. General section 3.1 (Total)

For each of these sections, it should be clear where they will be put into the standard

Milestone: all outstanding chapters and sections to be send to ETN no later than 1 November 2013.

ii. Include sections into overall draft: deadline 1 December

Karen will include all the sections/chapters in the correct place in the standard

Milestone: overall standard send to Amelie by 1 December 2013

iii. Review of the entire standard by Amelie and David Champneys: deadline 1 March 2014

Karen explained that the standard should be reviewed before it is presented to everyone as currently, it is really obvious that the standard was written by different people and that some sections repeat themselves and some terms aren't always consistent with the chosen abbreviation. Amelie has offered to take the lead and David Champneys agreed to help Amelie in the review.

Milestone: teleconference to discuss the division of the standard to be reviewed by smaller groups.

**iv. Review of the standard in sections, by a small group of project members for each section:
deadline 1 May 2014**

Karen relayed the suggestion from Amelie to review the different chapters of the standard in smaller groups of 2-3 project partners. David suggested having smaller meetings to ensure momentum in the review of the standard, the group agreed that this should be decided once it is clear which partner will work on which section.

Karen Geris suggested that the chapters could be divided similarly to the first review but Dingo stated that some of the partners might not be involved in the project anymore.

Milestone: reviewed sections implemented by Total or ETN to make overall standard and send to all partners by 15 May 2014.

v. Review of the entire standard by everyone: deadline and meeting early July 2014

The standard will be reviewed by all partners in its entirety.

Milestone: meeting to discuss last comments to overall standard early July 2014

2. Next Meeting

The dates of the upcoming meetings will be coordinated by ETN through email.

3. Upcoming Actions

Action Owner	Description	Deadline date
Paul Setchfield	Send David Champneys the beginning of the "Information to be provided by the purchaser"	29 Sept 2013
Amelie Pesquet, Aarding	Discuss the input from Graham Hawkes with GE	15 Oct 2013
Mjorud, Frazer-Nash	Discuss the analytical chapter	1 Nov 2013
All	Send the outstanding chapters and sections to ETN, including a statement on where to place it in the standard	1 Nov 2013