

Minutes of Teleconference Meeting 27 January 2012

Attendees:

Dave Carroll	AAF
Dingo Kist	Aarding Thermal Acoustics
Herwart Hoenen	RWTH Aachen
Pascal Decoussemaeker	Alstom
David Champneys	BIHL
Liam Hewitt	Frazer-Nash
Ole Torp	Mjørud
Paul Setchfield	Mjørud
Arne Skjelbakken	TechPart AS
Amélie Pesquet	Total
Karen Geris	ETN

Amélie opens the meeting by wishing everyone a Happy New Year and asks everyone for an update of the review of the standard.

1. Progress of the Review of the Standard

Section	Member	Update	Date
Turbine exhaust and flue gas system	RWTH Aachen, Frazer-Nash	To be discussed and reviewed during the meeting in Bergen	15/03/2012
Mechanical and thermal design	RWTH Aachen, Frazer-Nash	To be discussed and reviewed during the meeting in Bergen	15/03/2012
Instrumentation, control	Alstom, Mjørud	The review process is complete and the document has been send to Amelie/Karen	15/02/2012
Ducting (including sealing, expansion joint), silencer	Aarding and AAF	The standard has been rewritten and is to be send to Amelie/Karen after the meeting.	15/02/2012
Dampers	Mjørud, Camfil Farr, Kanfa-Tec	Mjørud and Kanfa-Tec have commented on the section, input from Camfill Farr is needed.	15/02/2012
Insulation and liners	Frazer-Nash , Camfil Farr, BIHL	BIHL and Frazer- Nash have made comments on the WIKI, Frazer-Nash to compile the comments and send the documents to Amelie/Karen	15/02/2012
Tubes, fins, tube supports	Mjørud, BIH	The review process is complete and the document has been send to Amelie/Karen	15/02/2012
Manufacturing	Statoil , Aarding	Statoil has made comments on the WIKI, Aarding is to review the section in 2-3 weeks.	15/02/2012
Installation, commissioning	Total , Shell	Total is working on the review of the standard and would like to discuss with Shell.	15/02/2012

***bold: Organization to give presentation on section during the March meeting.**

2. Datasheet

The group agreed to use the BIHL datasheet as a basis for the ETN datasheet, and AAF and Aarding proposed to work on a datasheet for the silencer. The organization of the review of the standard is put on the agenda for the meeting on 15 March 2012, before that time the PG members should comment or suggest alterations to the datasheet, without major modifications.

3. CFD Benchmark Case

Total has offered that the benchmark test can be performed during the commissioning of a PGT25 + G4 turbo-generator unit on a plant in Korea in the beginning of 2013. Total would provide the unit and the bellow but instrumentation and travel costs associated with the test should be financed in another way. Frazer-Nash thinks that the modeling can be done by March after which RWTH Aachen can determine the instrumentation requirements and the total costs of the work plan.

4. Next Meeting

The next meeting is kindly hosted by Statoil in Bergen. ETN will send out more information with regard to travelling and accommodation, and a draft agenda by 3 February 2012.

The agenda of the next meeting should include:

- Discussion of the Standard and the Datasheet
- Presentation and Discussion of the CFD Benchmarking Work Plan

5. Upcoming Actions

Review of the sections of the standard and the datasheet should continue as stated above with the addition of Frazer-Nash and RWTH who will define the “mechanical and thermal design” of the standard.

Action Owner	Description	Deadline date
Total/ETN	To prepare and send the minutes of meeting	3 February 2012
ETN	To send information on meeting in Bergen	3 February 2012
ETN	To send BIHL datasheet to Project Group members	3 February 2012
ETN	To make document to attract more users to the PG	3 February 2012
Amelie	To contact Camfill Farr with regard to Standard Review	3 February 2012
ETN	To find suitable contact within Shell	10 February 2012
Total	To put general information drawings of system to be tested in Korea on the WIKI	10 February 2012
ALL Members	To finalize the review of their assigned section of the standard	15 February 2012
Total/ETN	Merge sections rewritten and sent out for global review	29 February 2012
ALL Members	To review their assigned section of the datasheet	15 March 2012
ETN	Provide an estimate to have the standard formatted into ISO/API requirements.	15 March 2012
RWTH AACHEN FRASER-NASH	To estimate the budget, the requirements, and the time frame for the benchmark case at the Dresser-Rand test facilities or with Total string test possibilities.	15 March 2012
Alstom	Review the standard with the API recommendation on HRSG	Last week of March 2012