



## Report from the meeting of ISO/TC 23/WG 1, Milking machines held 2003-09-10 - 11

The meeting was held at Oud Sin Jan Conference Centre in Bruges, Belgium with 17 persons from Australia, Belgium, Denmark, Finland, France, Germany, Ireland, Netherlands, Norway, Sweden, UK and USA. For the attendance list see annex A.

Mr Lars Innings chaired the meeting as convenor and Mr Rolf Thesslin prepared these minutes being the WG secretary.

### 1) Opening of the meeting

The convenor opened the meeting and welcomed all participating experts.

### 2) Approval of the agenda

The draft agenda in document WG 1 N 31 was approved after the addition of document WG 1 N 35 (summary of comments and secretariats observations) to item 4.

### 3) Review of CD 20966, Automatic milking installations – Performance requirements and testing

Documentation for the meeting was to be found in documents WG 1 N 29 and N 35. It was pointed out that N 35 contained the comments earlier circulated in N 32 and N 34. Also document N 30 was to be reviewed under this point.

Beate Maassen-Franke brought to discussion the possible conflict in the draft with patent rights. If that is true it could complicate the procedure. The patents need to be identified and if there is a conflict we need to reach agreement with the patent owners. Examples were given for:

- 5.3.2, Removal of foremilk – patent EP 0805622 B1
- 5.6.1 Diversion of milk – DE 29723985 U1 (this should concern the text "milk from each milking shall be kept separately until the milk quality has been evaluated".

Concerning patent rights the group experts were asked to review the draft and report back any possible problem for future review and discussion.

From the review and discussion of the draft in N 29 the following was agreed:

- The title was modified to: "*Automatic milking installations – Construction, performance and testing*"
- 3.11, 3.12 and 3.13 on cleaning, rinsing and sanitation, and clause 6, needs to be further studied. EN 14159 shall also be considered. Mr [John Baines](#) together with Mrs Beate Massen-Francke and Mr Douglas Rainemann prepare revised definitions and a proposal for clause 6 Cleaning, on both requirements and verification, to be sent to the secretary not later than 2003-12-01.
- Clause 5.1.1 on FFA was deleted to become a part of Introduction. Mr [John Baines](#) together with Mr Morten Rasmussen and Anders Björk will prepare such a statement and send it to the secretary not later than 2003-12-01.
- Clause 5.3.1 on Cleaning of teats a method for verification shall be included in an Annex. Mr [Morten Rasmussen](#) will send a proposal to the secretary not later than 2003-12-01.
- Clause 5.3.2 title was changed to "Foremilking". Mr [Morten Rasmussen](#) will provide the secretary with a proposal for further requirements and method of verification not later than 2003-12-01.
- 5.4.1 on milking vacuum conditions was reviewed but not agreed. Mr [Morten Rasmussen](#) together with Mrs Beate Massen-Francke, Edmond Harty and Eduard Meijer will continue to study the subject of clause 5.4.1 and Annex B and be back to the secretary with a proposal not later than 2003-12-01.



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- Annex A on safety requirements had received very few comments and several excuses for not having studied it in detail. It was agreed therefore that the [secretary](#) will circulate it once again as a separate document to TC 23 for review and comment.
- Annex C was discussed which resulted in a clarification in the title of the Annex to be: "*Methods to evaluate detection systems for abnormal milk*". This annex shall remain as an informative annex. Mr [Morten Rasmussen](#) will provide the secretary with new text not later than 2003-12-01.
- Annex D was found out not to be kept as a part of the AMI-standard but the terms was summarized for the benefit of future discussion in the [IDF-group](#) on the revision of ISO 3918.

A number of other changes were also agreed in the discussion and the result can be seen in document ISO/TC 23/WG 1 N 29 REV 2.

#### **4) Report from IDF concerning the revision of the existing standards for milking machines**

Mr Innings, convenor also of the IDF ad-hoc group for revision of ISO 3918, ISO 5707 and ISO 6690 informed the group about the work status. No problem was foreseen to undertake minor revisions to existing standard. A significant number of changes will be proposed to take account of quarter milking, accommodating some aspects of automatic milking. A further review of proposals and questions raised will therefore be necessary.

It was later pointed out that drafts must be presented to WG 1 before the end of this year, see point 5 below.

#### **5) Review of time schedule for the work and future procedure**

At the last WG 1 meeting (see N 24 Rev) it was agreed to ask for modified target dates for the AMI draft, delaying the DIS voting from February 2005 to June 2005. This conclusion was based on foreseeable target dates for the revision of existing standards.

This had not been approved. Furthermore the target dates for revision of ISO 3918, ISO 5707 and ISO 6690 had been set so that committee drafts should be ready by November 2003, DIS:es by June 2004, FDIS:es by June 2005 and a published standards by December 2005.

The secretariat will this time therefore ask TC 23 to modify the target dates for the revision of the existing standards so they line up with the target dates for the AMI draft. This means that drafts shall be available for circulation within WG 1 and TC 23 before the end of 2003.

The following procedure was scheduled:

- Drafts for revised ISO 3918, ISO 5707 and ISO 6690 to be delivered by IDF-group to the WG 1 secretariat before end of this year
- These three drafts together with reworded AMI-draft to be circulated to WG 1 and TC 23 for review and comment until 2004-03-01
- WG 1-meeting 2004-03-22 – 23 to discuss received comments on all four drafts. Meeting will be divided into two or more subgroups and the meeting could be extended late on 23<sup>rd</sup> or even continue on the morning 24<sup>th</sup>. More information will be given in the notice of meeting.
- All four drafts will then be circulated in TC 23 for review and voting (form 8) until 2004-09-01 to be approved to go to DIS stage
- WG 1.meeting in October 2004 to modify drafts based on received comments
- Drafts edited for DIS-circulation before the end of 2004.
- Estimated circulation of the drafts for DIS voting
- WG 1-meeting in September/October 2005 to review and conclude on DIS comments

#### **6) Others**

None

#### **7) Time and place for next meeting**



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It was preliminary agreed to hold next meeting Lelystad, Holland 2004-03-22 – 23. Morten Rasmussen will come back with a confirmation to the secretariat soonest.

Annex A

**List of participants at the WG 1 meeting 2003-09-10 – 11**

Convenor	Lars Innings	DeLaval International AB, Sweden
Secretary	Rolf Thesslin	SIS, Sweden
Australia	Graeme A Mein	University of Melbourne
Belgium	Eric De Keyser	Packo Inox NV
Finland	Esa Manninen	MTT Vakola
France	Pierre Billon	Institut de l'Élevage
Germany	Norbert Alt Beate Maassen-Francke	NLA/VDMA Westfalia Landtechnik Gmbh
Ireland	Edmund Harty	Dairymaster Farming Systems
Netherlands	Eduard Meijer	Lely Industries NV
Sweden	Anders Björk	DeLaval International AB
UK	John Baines	Fullwood
USA	Douglas J Reineman	University of Winsconsin
IDF	Terje Alfnes H C Larsen Morten Dam Rasmussen Odd Rønningen	TINE Produsentrådgivning, Norway Danish Dairy Board Danish Institute of Agricultural Sciences TINE BA, Norway