



The sensory *water filled* sole system that relieves, reduces and removes pain through *pressure relief* and *movement*

Test by the Industrial Health Service of the Danish Abattoir & Meat Industry

The above Health Service has through extensive tests trialled MEDICOVI-Workers' suitability for standing work

A study and test done by:

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- Testing of MEDICOVI-Worker Soles
- Conclusions of the tests

The Industrial Health Service further concluded that it would be a good idea if all workers were equipped with the soles at the time of receiving their work uniforms.

Testing of MEDICOVI-Worker Soles

Based on AGREEMENT re BST-job, dated 30 July 1999, enclosure 1, testing of the MEDICOVI-sole was carried out during weeks 36-43 inclusive. A number of people were away on leave in week 42, the autumn holidays, resulting in an effective period of 6 weeks.

The writer delivered the soles to two plants within the Meat Industry where the temperature constantly stays below 12 °C.

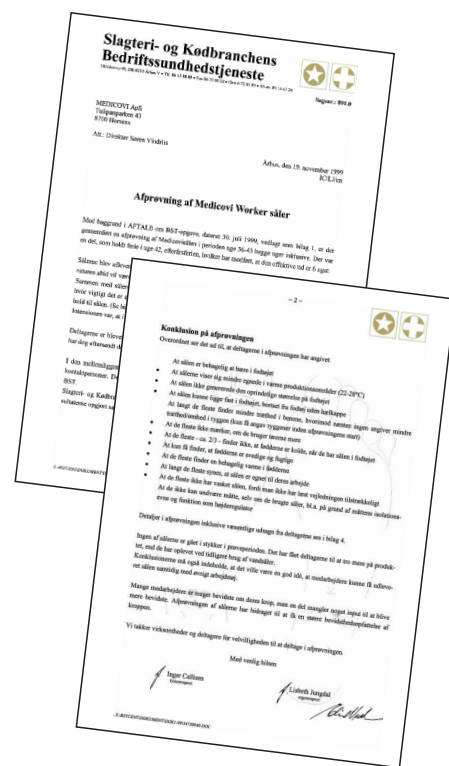
Also handed out was an A4page with a brief explanation of the test and of the importance of listening to one's own body, letting it "explain" how it feels about the sole. (Enclosure 2)

It was intended that a total of 40 people test the soles. A small dropout occurred; see further notes.

The writer has interviewed the participants in week 43 according to the questionnaire, enclosure 3. Two participants, however, returned the completed questionnaire by mail.

During the intervening period the closest contacts have been safety groups and shop steward representatives. At all times there has been ongoing communication with the Industrial Health Service of The Abattoir and Meat Industry.

The Industrial Health Service of The Abattoir and Meat Industry is bound by the Act of Confidentiality applicable to personal information. For this reason the results have been summed up jointly, and the questionnaires are not accessible to anyone outside the service



Conclusions of the tests

Overall it would appear that those taking part in the tests have indicated:

- **That the soles are comfortable inside footwear**
- That the soles appear most suitable for chilly production areas (i.e. below 12°C.)
- That the soles were not inconvenient inside the original size of footwear
- That the soles stayed firmly in the footwear apart from in shoes with no heel counters
- **That the overwhelming majority notice less leg fatigue, while hardly anyone reports less backache/fatigue (only a few indicated back trouble before the start of the test)**
- That the majority do not notice whether they use their toes more
- That the majority approx. 2/3 are not aware of cold feet when wearing the sole.
- **That only a small number notice sweaty and damp feet**
- **That the majority notice a comfortable warmth in the feet**
- **That the overwhelming majority feel the soles are suited to their work**
- That the majority did not wash the sole because they had not read the instructions adequately.
- That they could not manage without the mat, even when using the soles, among other reasons due to the insulating properties of the mat and its function as a height regulator.

Details of the test incl. significant statements from participants may be seen in encl. 4.

None of the soles broke during the testing period. This has given the participants more confidence in the product that has been the case during previous use of water soles.

The conclusions imply that it would be a good idea that the soles are given to staff together with their working clothes.

Many employees are very body conscious but a number of people lack the input to become more body conscious. The test of the soles has contributed to improved understanding of body awareness.

We wish to thank the firms and participants for taking part in the tests.

Kind regards

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