



BSI Standards Publication

Agricultural machinery - Slurry tankers - Safety

National foreword

This British Standard is the UK implementation of EN 707:2018. It supersedes BS EN 707:1999+A1:2009, which is withdrawn.

BSI, as a member of CEN, is obliged to publish EN 707:2018 as a British Standard. However, attention is drawn to the fact that during the development of this European Standard, the UK committee voted against its approval.

The UK committee voted against EN 707:2018 because of concerns that it does not seek to improve safety. In particular, the committee is concerned that certain criteria introduced into the standard are unsuitable and do not cover many state-of-the-art systems available in the marketplace.

The UK committee recommended changes to those clauses it considered to be inconsistent with the rest of the standard. Specifically, the UK committee is of the opinion that the wording of subclauses 4.2.8.1, 4.2.8.2, 6.1.1 dd), 6.1.1 p) and 6.2.2 allows the design of slurry spreader or injection booms that, although capable of folding and unfolding without exceeding a height of 4 m in some limited circumstances, do not enable users to replicate in typical use in the field, with the result that the booms will actually exceed 4 m. These subclauses do not sufficiently limit the risk of contact with overhead power lines, which in the UK may be as low as 5.2 m, because machines can be designed to meet the requirements and means of verification without being safe in normal use.

The UK committee also believes that the application of subclauses 4.2.8.1 and 4.2.8.2 by manufacturers does not ensure conformity with requirement 1.1.2 of Machinery Directive 2006/42/EC due to the safety risks presented. This requires that machinery be designed and constructed so that it is fitted for its function; that it can be operated, adjusted and maintained without putting persons at risks; and that manufacturers follow (in order) the principles of safety integration, starting with elimination or reduction of risks, as far as possible, by inherently safe machinery design and construction.

In the opinion of the UK committee, subclauses 4.2.8.1 and 4.2.8.2 do not reflect the 'state of the art' design of large folding slurry spreader or injection booms that has been demonstrated by those manufacturers that have adopted horizontal folding boom designs that fold and unfold below 4 m in all normal work situations and which are therefore inherently safe in their design.

The UK participation in its preparation was entrusted to Technical Committee AGE/32, Agricultural implements and trailers.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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