



BSI Standards Publication

Earth-moving machinery — Safety

Part 1: General requirements

National foreword

This British Standard is the UK implementation of EN 474-1:2022. It supersedes BS EN 474-1:2006+A6:2019, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/513/1, Earth moving machinery (International).

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

BSI, as a member of CEN, is obliged to publish EN 474-1:2022 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 basis for a negative vote on behalf of the UK committee relates to clause 4.12.7, Fitness for purpose, and specifically the following sub clauses:

- 4.12.7.2, Static tests; and
- 4.12.7.3, Dynamic tests.

The UK committee, comprising a range of stakeholder groups, found that for lifting accessories and earth moving machinery intended for lifting applications, neither test procedure took account of technical limitations regarding hydraulically limited lifting capacity, a fundamental design characteristic of such machinery. Furthermore, the requirement for a dynamic test lacked suitable guidance regarding how such a test should be practically implemented considering the technical limitations previously mentioned.

This publication has been prepared under a mandate given to the European Standards Organizations by the European Commission and the European Free Trade Association. It is intended to support requirements of the EU legislation detailed in the European Foreword. A European Annex, usually Annex ZA or ZZ, describes how this publication relates to that EU legislation.

For the Great Britain market (England, Scotland and Wales), if UK Government has designated this publication for conformity with UKCA marking (or similar) legislation, it may contain an additional National Annex. Where such a National Annex exists, it shows the correlation between this publication and the relevant UK legislation. If there is no National Annex of this kind, the relevant Annex ZA or ZZ in the body of the European text will indicate the relationship to UK regulation applicable in Great Britain. References to EU legislation may need to be read in accordance with the UK designation and the applicable UK law. Further information on designated standards can be found at www.bsigroup.com/standardsandregulation.

For the Northern Ireland market, UK law will continue to implement relevant EU law subject to periodic confirmation. Therefore Annex ZA/ZZ in the European text, and references to EU legislation, are still valid for this market.

UK Government is responsible for legislation. For information on legislation and policies relating to that legislation, consult the relevant pages of www.gov.uk.