

# Lifting equipment for performance, broadcast and similar applications —

## Part 2: Specification for design and manufacture of aluminium and steel trusses and towers

ICS 53.020.99; 91.080.10; 97.200.10

## Committees responsible for this British Standard

The preparation of this British Standard was entrusted by Technical Committee MHE/3, Cranes and derricks, to Subcommittee MHE/3/13, Lifting equipment for performance, broadcast and similar applications, upon which the following bodies were represented:

Association of British Theatre Technicians  
Broadcasting Entertainment Cinematograph and Theatre Union  
H.S.E  
ITV Association (ITVA)  
Lifting Equipment Engineers Association  
Professional Lighting and Sound Association  
Safety Assessment Federation Ltd  
Theatres Advisory Council

This British Standard, having been prepared under the direction of the Engineering Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 July 2000

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The following BSI references relate to the work on this standard:  
Committee reference MHE/3/13  
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11027 Corrigendum No. 1	July 2000	Corrections to inside front cover. Other corrections indicated by a sideline in the margin.

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## Foreword

This British Standard has been prepared by Subcommittee MHE/3/13, Lifting equipment for performance, broadcast and similar applications.

There are no specific British Standards that cover the design, manufacture and use of aluminium or steel trusses in the entertainment industry. It should be noted that other British Standards may be relevant, depending on the application and intended use.

In an attempt to improve safety and standards in the entertainment industry, the Entertainment Services and Technology Association (ESTA) of New York, USA, convened a series of meetings to prepare a draft standard for the American National Standards Institute. The preparation of the draft standard was entrusted to the Truss Team working as part of the Rigging Work Group for the Technical Standards Committee (TSC) of ESTA. The Truss Team generally consisted of manufacturers and their structural engineering advisors.

This British Standard is based on the American draft standard.

It has been assumed in the drafting of this British Standard that execution of its design provisions is entrusted to appropriately qualified and experienced people, and that the fabrication is carried out by qualified and suitably experienced people and organizations.

This British Standard specifies a coordinated set of requirements that can also be a guide to government and other regulatory bodies and municipal authorities responsible for guarding and inspection of the equipment falling within its scope. The requirements concerning accident prevention are given both as mandatory and advisory provisions; compliance with both types may be required by employers of their employees.

Safety codes and standards are intended to enhance public safety. Revisions result from committee consideration of factors such as technology advances, new data, and changing environmental and industry needs. Revisions do not imply that previous editions were not adequate.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

**Compliance with a British Standard does not of itself confer immunity from legal obligations.**

### Summary of pages

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