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Cranes — Design principles for loads and load combinations —

Part 4:
Jib cranes

Appareils de levage à charge suspendue — Principes de calcul des charges et des combinaisons de charges —

Partie 4: Grues à flèche

Reference number
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Foreword

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ISO 8686-4 was prepared by Technical Committee ISO/TC 96, *Cranes*, Subcommittee SC 8, *Jib cranes*.

ISO 8686 consists of the following parts, under the general title *Cranes — Design principles for loads and load combinations*:

— *Part 1: General*

— *Part 2: Mobile cranes*

— *Part 3: Tower cranes*

— *Part 4: Jib cranes*

— *Part 5: Overhead travelling and portal bridge cranes*

Introduction

This part of ISO 8686 establishes requirements and gives guidance and design rules that reflect the present state of art in the field of crane machine design. The rules given represent good design practice that ensures fulfilment of essential safety requirements and adequate service life of components. Deviation from these rules normally could lead to increased risks or reduction of service life, but it is acknowledged that new technical innovations, materials, etc. can enable new solutions that result in equal or improved safety and durability.