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Cranes — Hand signals used with cranes

Appareil de levage à charge suspendue — Signaux de la main utilisés avec les grues

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Contents

Page

Foreword ..... **iv**
Introduction ..... **v**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 Requirements for hand signals **1**
4.1 General 1
4.2 General hand signals 2
4.3 Vertical movements 3
4.4 Horizontal movements 4
4.5 Equipment-related movements 5
Annex A (informative) **Lifting attachment control** **7**
Bibliography **8**

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Foreword

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The committee responsible for this document is ISO/TC 96, *Cranes*, Subcommittee SC 5, *Use, operation and maintenance*.

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Introduction

The objective of this International Standard is to achieve uniform hand signals on projects where more than one country having unique hand signals is involved.

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Cranes — Hand signals used with cranes

1 Scope

This International Standard gives requirements for hand signals to be used in lifting operations.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 4306-1, *Cranes — Vocabulary — Part 1: General*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 4306-1 and the following apply.

3.1
cease operation
dogging
stop operation permanently or temporarily after release of load

3.2
slewing
swinging
radial horizontal movement of load with crane base stationary

3.3
travel
movement of the whole crane (mobile and truck mounted)

4 Requirements for hand signals

4.1 General

The following requirements for hand signals shall apply.

a) The signals shall be used accordingly and fully understood by the crane operators.

b) The signal shall be clear and concise in order to avoid misunderstanding.

c) Non-specific one-arm signals shall be acceptable using either arm (a left or right indication is a specific signal).

d) A signaller shall

   1) be in a safe position,

   2) be clearly visible to the operator, and

   3) have a clear view of the load or equipment.

e) Signals to the operator shall be given only by one person. The only exception shall be the emergency stop signal.

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