

ICS 01.080.20; 53.020.99
CCS J 80



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 33081-2016

**Mobile elevating work platforms -- Symbols for operator
controls and other displays**

移动式升降工作平台 操作者控制符号和其他标记

(English Translation)

Issued on: October 13, 2016

Implemented on: May 1, 2017

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China**

Table of Contents

Preface
1 Scope
2 Normative reference document
3 Terms and definitions
General
5 Color
6 Basic symbol graphic
7 Universal symbol
8 Engine symbol
9 Drive system symbol
10 Hydraulic system symbol
11 Brake symbol
12 Fuel symbol
13 Lights symbol
14 Stable system symbol
15 Job control symbol
16 Maintenance symbol
Reference

Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to ISO 20381.:2009 "Mobile lift platform operator control symbols and other mark".

This standard is proposed by the China Machinery Industry Federation.

This standard is standardized by the National Standardization Technical Committee for Lifting and Upgrading Platform (SAC/TC335).

The drafting of this standard. Xuzhou Helen Zhe Special Purpose Vehicle Co., Ltd., Beijing Construction Mechanization Research Institute, Wuxi Xiongyu Group hanging blue Machinery Manufacturing Co., Ltd., Zhejiang full Machinery Co., Ltd., Europe calendar wins Trade (Shanghai) Co., Ltd., Beijing Construction Machinery Co., Ltd. limited Company, China Construction Education Association Construction Machinery Vocational Education

Professional Committee.

1 Scope

This standard specifies the mobile lift work platform (hereinafter referred to as MEWP) operator control symbols and other markings.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article. For undated references, the latest edition (including all modifications) applies to this document.

Graphical symbols for electrical equipment - Basic rules - Part 3. Application guidelines (IEC 80416-3.:2002, IDT)

3 Terms and definitions

The following terms and definitions apply to this document.

Symbol

Used to convey information, non-verbal visual image.

Note: can be drawn, printed or otherwise.

4 General

4.1

Symbols shall comply with the applicable provisions of this standard. When using the symbols in the form of contours in this standard, in order to reproduce clearly and change Good visual effects of the operator, in addition to the description of the individual symbols, the actual application can appear in the symbol fill area.

Because the symbols are affected by dust, printing, etc., the recommended symbols are as simple as possible.

4.2

Restricted by certain reproduction and display techniques, in order to make the operator see more clearly, it may be necessary to increase the linewidth, or to do other minor repairs change. Such modifications are permissible without changing the basic graphic elements of the symbol and the operator is easy to identify.

4.3

In order to improve the shape and recognition capability of a graphic symbol, or in coordination with the device design to which it is applied, the symbol contour the width or

smooth corners. As long as the symbol visual feature remains the same, the graphic designer can make these changes. See GB/T 23371.3-2009 6.1.

4.4

In actual use, all symbols should be printed in large enough dimensions for easy identification and identification of the operator. Other special size See Chapter 5 of GB/T 23371.3-2009 for symbols.

4.5

The symbols on the control and display devices shall have a significant contrast to their background. For most control devices it is best to be dark the background has a bright color symbol. The display device symbol can be used on a dark background with bright colored symbols or on bright background There are dark symbols that can be based on which have the best visual effect on their choice. When the symbol image is transformed (for example, from black to white, or phase Anti), the entire symbol should also be transformed.

4.6

Most of the symbols are composed of modular combination, that is, the logical combination of symbols and symbol elements, the formation of new symbol. For example, symbol 8.4 (engine lubricating oil - filter) is made up of symbols 6.1 (engine), 6.5 (oil) and 6.10 (filter).