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

GB/T 18441-2009

Replacing GB/T 18440-2001; GB/T 18441-2001

**Harbour crane -- Technical characteristics and acceptance
documents**

港口起重机 供需文件

(English Translation)

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Foreword

This standard corresponds to ISO 9374-1. 1989 "General Crane should provide information", ISO 9374-4. 1989 "Cranes should the information provided by the arm erecting cranes ", ISO 9374-5:1991" Information should be provided by overhead crane and gantry crane, "and ISO 7363. 1986 "Cranes and lifting appliances - Technical characteristics and acceptance documents", and ISO 9374-1. 1989, ISO 9374-4. 1989, ISO 9374-5:1991 and ISO 7363. 1986 is not equivalent degree of consistency.

This standard replaces GB/T 18440-2001 "Port Crane Technical characteristics and acceptance documents" and GB/T 18441-2001 "port Cranes necessary documents "to the GB/T 18440-2001 and GB/T 18441-2001 integrate revised.

This standard GB/T 18440-2001 is incorporated GB/T 18441-2001 in, and GB/T 18441-2001 content Statements made appropriate adjustments and supplement (see 4.1).

The Standard Annexes A and B are normative appendix.

The standard proposed by the Ministry of Transport of the People's Republic of China.

This standard by the Ministry of Port Machinery standard focal point.

This standard was drafted. Shanghai Maritime University.

1 Scope

This standard specifies the port cranes (hereinafter referred to as the crane) buyer (hereinafter referred to as acquirer) should be prepared and should be born when ordering cranes document production vendor (hereinafter referred to as the supplier) offered, as well as content and style should be the supplier delivery and acceptance of documents submitted.

This standard applies to shore container cranes, bridge type grab ship unloader, rubber-tyred gantry cranes, portal cranes port capacity Product supply and demand side use. Other harbor cranes can also be implemented by reference.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 3811 crane design specifications GB/T 6974.18 Lifting terminology Port Crane GB/T 6974.19 crane container crane Terminology

3.1 Contents of the file to be provided by the demand side

3.1.1

demand-side identity proof and contact information.

3.1.2

according to GB/T 3811 for the entire crane and the various institutions required grade level or specified conditions.

3.1.3

crane used or installed location details, including the carrying capacity of the pier, allowing the best thigh pressure and maximum wheel pressure, the maximum annual the average wind speed and other meteorological and hydrological information and any special or hazardous conditions you might encounter.

3.1.4

Lifting load spreader, working speed, scope of work (lifting height, the depth of the depression, amplitude, tail diameter, etc.) and any other possible Movies Select the type of ring crane work requirements.

3.1.5

shape, size and associated clearance restrictions.

3.1.6

wharf power supply situation.

3.1.7

Transport navigable limit high note.

3.1.8

demand-side other special requirements.

3.2 Document style (format)

Party shall provide documents must styles Appendix A.

4 The supplier shall submit the document acceptance

4.1 The supplier shall document submitted

4.1.1 Submission species

The supplier shall submit the acceptance document include. basic information, technical parameters and characteristics and acceptance documents; should also provide the product manual, Operation and maintenance instruction manual, as well as other relevant information.

4.1.2 Basic Information

Basic information, including. supply and demand sides of the situation, the basic information cranes, crane design environment and design, manufacturing test and inspection Income norms or standards to follow.