

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

**CODE FOR DESIGN OF DYNAMIC
MACHINE FOUNDATION**

GB 50040 — 96

Chief Editorial Department: Ministry of Machinery Industry of P. R. China
Approved Department: Ministry of Construction of P. R. China
Effective Date: January, 1, 1997.

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动力机器基础设计规范

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Beijing 1997

Preface

This book is the English translation of Code for Design of Dynamic Machine Foundation for. It is the official translation of the original in Chinese for general use as examined and approved by the Department of Standards and Norms, Ministry of Construction of the People's Republic of China.

In the event of any inconsistency between the Chinese-language text of the Code and the present English - language text of the Standard, the Chinese-language text shall be taken as ruling.

Department of Standards and Norms,
Ministry of Construction of
the People's Republic of China

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MINISTRY OF CONSTRUCTION of the P. R. China

No. JB (1996) 428

Announcement for the promulgation of the National Standard "Code for design of dynamic machine foundation"

In accordance with the requirement of (1987) No. 2390 announcement of State Planning Commission, a revision on the "Code for design of dynamic machine foundation" by Ministry of Machinery Industry jointed with various concerned units has been already completed and examined. it is now approved as the mandatory national standard "Code for design of dynamic machine foundation" GB 50040-96 and allow to practiced from Jan. 1, 1997 and the former code "Code for design of dynamic machine foundation" GBJ 40-79 will be abolished simultaneously.

This code shall be supervised by the Ministry of Machinery Industry. Detail and explanation of the code will be the responsibility of the Institute of Project Planning and Research of Ministry of Machinery Industry.

Ministry of Construction of the
People's Republic of China
July 22, 1996

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1. General

1.0.1 This code of practice has been prepared to give guidance to carry out State technical and economical policies, assure the quality of construction, selecting related parameter and type of foundation reasonably in the design of dynamic machine foundation and make it advanced technics, reasonably economic, safety and application.

1.0.2 This code applies to the design for the following dynamic machine foundation:

1. Reciprocating compressor;
2. Turbine set and electrical machine;
3. Turbine compressor;
4. Crusher and mill;
5. Impact machine;
6. Hot die press;
7. Metal cutting machine-tools.

This code does not fit for dynamic machine foundation set on building floor slab.

1.0.3 In using this code to design dynamic machine foundation, it shall also conform to the requirements of the current related national standards and codes.

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