

JB

**MINISTRY OF MACHINE BUILDING INDUSTRY
STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA**

中华人民共和国机械工业部标准

JB 3915-1985

Hydraulic machine Safety specification

液压机 安全技术条件

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Ministry of Machine Building Industry Standard of the People's**Republic of China****中华人民共和国机械工业部部标准****Hydraulic machine Safety specification****液压机 安全技术条件****JB 3915-1985**

This Standard applies to a variety of small and medium sized hydraulic presses (hereinafter referred to as hydraulic press) using mineral oil as transmission medium. It includes new products, old products being used, products to be installed and used and export products, etc.

This Standard specifies the safety technical requirements that the design department and manufacture department must provide and abide to a variety of hydraulic presses. And it applies to the safety supervision of user department of hydraulic press.

The Standard is aimed at preventing and eliminating the damage caused to the personnel who conduct operation, overhaul, installation, and adjustment on the hydraulic press or near the hydraulic press, and reducing the accident damage to the equipment.

This Standard is exclusive of the technical requirements of anti-explosive, and anti-high-energy radiation technology for special process purpose hydraulic press.

1 General requirements

1.1 The hydraulic press shall comply with the safety requirements in the design structure and the strength of the parts; and the noise shall comply with the provisions of the relevant standards.

1.2 The appearance and layout formed by principal machine of the hydraulic press, and its operating control, and accessory device shall comply with the safety requirements.

1.3 During the operation of hydraulic press, various special hydraulic presses (such as those dedicated to metal extrusion, mold chamber extrusion, high-speed blanking, etc.) must in design and construction be equipped with shatterproof or anti-radiation shields, plates and other safety protection devices in order to avoid fragmentation of mold and that disintegrating slag of materials and parts may fly out of the work space; the hydraulic press of general process should be configured and equipped with safety devices according to the specific safety requirements put forward by the utilization department when placing an order.

2 Safety device requirements

2.1 The technical requirements for the safety device



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