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

GB/T 7588.2-2020

Replacing GB 21240-2007; GB 7588-2003

**Safety rules for the construction and installation of lifts - Part 2:
Design rules, calculations, examinations and tests of lift
components**

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Foreword

GB/T 7588 "Safety Code for Elevator Manufacturing and Installation" is divided into the following parts:

---Part 1: Passenger elevators and freight elevators;

---Part 2: Design principles, calculations and inspections of elevator components:

This part is Part 2 of GB/T 7588:

This section was drafted in accordance with the rules given in GB/T 1:1-2009:

GB/T 7588:1 and GB/T 7588:2 replace GB 7588-2003 "Safety Code for Elevator Manufacturing and Installation" (including the first amendment

Single) and GB 21240-2007 "Safety Code for Manufacturing and Installation of Hydraulic Elevators": This part is based on GB 7588-2003 and integrates

The content of GB 21240-2007, compared with GB 7588-2003 and GB 21240-2007, except for structural adjustments and editorial changes:

The main technical changes are as follows:

--- Added the terms "approved organization", "safety component" and "type test certificate";

---Added a list of major hazards;

--- Increased the purpose and scope of the safety component type test;

---Deleted the content that requires the number of copies of the type test certificate;

---Deleted the description of the instantaneous safety gear checking the deformation of the clamp body and the guide rail in the type test of the safety gear;

---In the test procedure of the speed limiter type test, at least two tests with acceleration of 0:9gn~1:0gn are added

Claim;

---In the type test of the buffer, the type test content of the linear energy storage type buffer was deleted, and the average of the energy consumption type buffer was increased:

The relevant content of the deceleration calculation and the requirements for loading of the