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

GB/T 21744-2008

**Ration of workers for manufacturing large rail traffic
engineering equipments**

轨道交通工程大型设备制造综合劳动定额

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Foreword

Rail Transit Project Work Quota series of standards from the "Urban Rail Transit light rail project Work Quota", "Urban Rail Transit to Under Railway Engineering Work Quota "," Urban Rail Transit Project Work Quota communication signal "," Urban Rail Transit Traction Power Supply Project Work Quota "," large-scale rail transportation equipment manufacturing integrated engineering labor quota "," rail transit engineering components manufacturing Work Quota " And other standard components. "Rail transportation equipment manufacturing large-scale integrated engineering labor quota" is the rail transit project Work Quota series of standards one. Appendix A of this standard is a normative appendix. This standard was proposed by the Ministry of Labor and Social Security. This standard by the National Standardization Technical Committee on Labor and personnel quotas. This standard by the National Standardization Technical Committee work and personnel quotas railway engineering work and personnel quotas technical committee responsible for the interpretation. This standard was drafted. China Railway Group Limited. The main drafters of this standard. Pangde Jing, Wang Shucheng, Zhou Xuemin, Zhang Weibin, Qi Bao, Liu Jun, Chi Peng, summer peace.

The development of standards for the construction and production guide and regulate rail traffic engineering, strengthen labor administration and enterprises to rationally allocate labor system Plans to provide the main basis for a given job; while budgetary estimate quota Jixietaiban quotas and other economic and financial fixed labor costs for the rail transit project Management standard. This standard is in accordance with "advanced, rational, scientific, standardized" principle and rail traffic engineering of large equipment manufacturing processing steps, each step outlined (Post) content of the work, practices; the provisions of the respective steps (positions) of the labor quota, configured in

accordance with professional grade technical personnel, machinery (Equipment) and standard conditions adjustment factor. Rail traffic engineering of large equipment Integrated Manufacturing labor quota

1 Scope

GB/T 21744-2008 is the Chinese national standard on ration of workers for manufacturing large rail traffic engineering equipments, in the field of services and company organization. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 5 May 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 July 2008. Classification: ICS 03.100.30, CCS S02. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the rail transportation of large engineering equipment manufacturing time quota, in line with the appropriate level of professional and technical personnel and content. This standard applies to rail transportation equipment manufacturing engineering large-scale work in labor management. 2 rail transportation equipment manufacturing large-scale integrated engineering labor quota

2.1 rail laying machine manufacturing

2.1.1 The arm and arm mount machine

a) Work. using the appropriate equipment workpiece casting, heat treatment, cutting, scribing, turning, boring, milling, grinding, planing, drilling Hole, gear system, slotting, assembly, welding and mechanical assembly.

b) man-days fixed in Table 1.

c) According to the above steps to configure the appropriate level of compliance with professional and technical staff of 86 people. Table 1 machine arm and the machine arm mount units each ten-days Project thermal processing cutting scribe Turning milling drilling planing prepared tooth assembly welding installation of an integrated Fixed 10.4 15.0 1.18 9.71 10.2 1.80 11.3 1.03 28.0 4.68 28.0 121.3

2.1.2 Cab

a) Work. using the appropriate equipment workpiece casting, heat treatment, cutting, scribing, turning, boring, milling, grinding, drilling, group Equipment, welding and

mechanical assembly.

b) man-days fixed in Table 2.

c) According to the above steps to configure the appropriate level of compliance with professional and technical staff of 35 people. Table 2 cab units of man-days per Project thermal processing cutting scribe Turning milling drilling assembly welding installation of an integrated Fixed 2.00 16.0 3.25 20.0 6.38 40.0 6.38 24.0 3.63 121.64

2.1.3 Column

a) Work. using the appropriate equipment workpiece casting, heat treatment, cutting, scribing, turning, boring, milling, grinding, planing, drilling Hole, gear system, slotting, assembly, welding and mechanical assembly.

b) man-days fixed in Table 3.

c) According to the above steps to configure the appropriate level of compliance with professional and technical staff of 76 people. Table 3 man-days per unit of column Project thermal processing cutting scribe Turning milling drilling planing prepared tooth assembly welding installation of an integrated Fixed 18.1 40.5 8.25 19.5 3.75 118 60.1 2.38 254 214 77.6 816.18

2.1.4 Drag winch and installation

a) Work. using the appropriate equipment workpiece casting, heat treatment, cutting, scribing, turning, boring, milling, grinding, planing, drilling Hole assembly, welding and mechanical assembly.