河钢热风炉联络管平台施工方案设计

摘 要

本结构为高宽比较大的混凝土钢筋结构，其中技术难点及要点包括对以及间距于高宽比大的结构如何浇筑、支撑梁、板的次楞和主楞如何合理布置以及整体架杆的合理性。

根据导师所给结构，该结构为混凝土钢筋结构，顶板厚度为1050mm，分别再标高为3m、7m、11m和14.5m设计有无板框架梁，其中高度7m、11m处的梁板属于专项施工方案的高支模部分，本技术组织设计文件包括施工与计算部分详细阐述了本工程的具体方案。

关键词：高宽比；高支撑体系；支撑结构布置；模版搭设；方木支撑。

CONSTRUCTION SCHEME DESIGN OF CONNECTING PIPELINE PLATFORM FOR HOT BLAST FURNACE OF HEGANG

ABSTRACT

The structure is a reinforced concrete structure with large height-width ratio. The technical difficulties and key points include how to pour the structure with large spacing between height and width, how to arrange the secondary and main corrugates of supporting beams, slabs and how to rationally erect the whole pole.

According to the structure given by the tutor, the structure is a reinforced concrete structure with a roof thickness of 1050 m m, and the elevations of 3 m, 7 m, 11 m and 14.5 m are designed respectively. The beam and slab at the height of 7 m and 11 m belong to the high formwork part of the special construction scheme. The technical organization design document includes the construction and calculation part, and elaborates the concrete scheme of the project.

KEY WORDS aspect ratio; high support system; support structure layout; template erection; square timber support.