

Abstract

Report on the passing of pre-diploma practice at the G.S.

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The aim of the practice is to get the student practical skills after studying the theoretical material

The volume of the passage of pre-graduation practice report is 28 pages.

The report on the pre-diploma practice examines the general information about the company: history of development, experimental base and main activity of the institute, technological equipment of the enterprise and the principles of its work

Methods for detecting cracks in structural elements of railway rolling stock, such as: visual method, zero-indicator method; non-destructive methods of flaw detection: capillary method, ultrasonic method; magnetic powder, fluoroscopic, eddy current and penetrate methods are considered. The types of strain gages are considered for their main characteristics and application

Keywords: strain gage, defects, welded joint, tensometric method, zero-indicator method