



ΑΡΙΣΤΟΤΕΛΕΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΕΣΣΑΛΟΝΙΚΗΣ

ΠΟΛΥΤΕΧΝΙΚΗ ΣΧΟΛΗ

ΤΜΗΜΑ ΠΟΛΙΤΙΚΩΝ ΜΗΧΑΝΙΚΩΝ

ΜΕΤΑΠΤΥΧΙΑΚΟ ΠΡΟΓΡΑΜΜΑ ΣΠΟΥΔΩΝ

ACADEMIC YEAR 2013 – 2014

TITLE OF DIPLOMA THESIS:

Rolling stock maintenance of railway systems in Greece

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ABSTRACT

The object of this diploma thesis is to describe and analyze the activity of railway rolling stock maintenance in Greece .

More specifically it states the meaning of the railway rolling stock , its main parts as well as the parameters that have to be taken into account in order to ensure its quality.

It also defines the concept of maintenance of rolling stock , indicates the need and importance of maintenance and records the basic activities included.

It further clarifies the objectives, analyzes the strategies followed and the “tools” used (depots , equipment , human resources, evaluation indicators) to achieve a holistic maintenance management.

Finally the maintenance process for three railway systems in Greece is considered (metro of Athens, tramway of Athens, interurban railways in Greece) and their comparative evaluation is performed , noting similarities and differences.

KEYWORDS

Keywords: railway systems, railway rolling stock, maintenance management, maintenance strategies, maintenance evaluation indicators