

# THE QUALITY ASSESSMENT OF ROAD AGGREGATES IN CYPRUS

by

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Project Report

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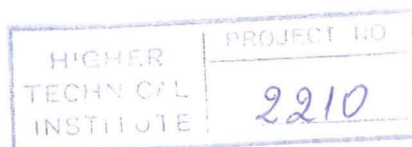
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## SUMMARY

The scope of this project is to give general information about aggregates, giving emphasis to the specifications of road aggregates, testing, and some analysis of the present situation occurs in Cyprus.

In order to satisfy the objectives of the projects this was divided into 10 chapters. In the first chapter is given information of the origin of aggregates by the geological point of view.

In the second chapter the history of Cyprus aggregates is written, giving emphasis to the Turkish invasion and how the Cyprus Industry was affected.

In the third chapter information is given for sampling procedures that must be followed for correct and representative sampling. Also specifications, are pointed out from standards, according to size of aggregates.

In the fourth chapter, information for variances is given that might take place. Variability terms and suggestions to reduce factors increasing variability of aggregate results are given.

In the fifth chapter, procedures are provided of tests according to the Cyprus standards for road aggregates. Also significance of each test to the performance of the road construction is given.

The sixth chapter is covered by the Cyprus Standard Specifications concerning the quality and grading analysis of crushed aggregates suitable for use in road construction.

In the seventh chapter is given a rough picture of typical contract specifications in bituminous paving. Although, is concentrated to the materials used, properties of aggregates, grading envelopes tolerances and also quality of work executed.

In the eighth chapter Cyprus quarries are classified into categories and information is given regarding their geological location, efficiency and actual productivity.

In the ninth chapter statistical analysis is carried out based upon results submitted from the Geological Department of each quarry.

Finally, in the tenth chapter, conclusions are represented from people with wide experience as well as personal interpretations of the results obtained from this project.

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