

A STUDY USING RECYCLE BLASTER POWDER IN CONCRETE

Prepared by: Marcus Lee Yee Chung

ABSTRACT

The title of this project is ‘A Study Using Recycle Blaster Powder in Concrete’. This project is conducted regarding the use of blaster powder on concrete mix proportion. The main objective of this project is to study the compressive strength and the heat resistance of concrete by using blaster powder in concrete for future construction purposes. Therefore, laboratory work is conducted to study the compressive strength of concrete by replacing the cement and fine aggregate with blaster powder. The results obtained from the laboratory work are tabulated in tables and charts.

This is a research done to meet the objective of the project, inside included chapter 1(Introduction), chapter 2(Research), chapter 3(Construction), chapter 4(Result & Analysis). With these 4 chapters, it will bring the reader to go through step by step to get the whole picture of this research.