

Instructions for Tile Production Lab Report

The report for the lab should be **typed by a computer** and consist of:

- i. A **Cover Page** with “Student Name”, “Student ID Number” and “Lab. Group”.
- ii. An **Introduction** that briefly introduces experimental procedure (a flow chart must be included at the end of introduction section).
- iii. **Raw materials (and their purposes)** which have been used in tile production
- iv. **Strength and water absorption** comparison between 3 different tiles.
- v. Reasons of using **granules** in tile production.
- vi. Calculation of **%water absorption** and **%sintering** shrinkage value (with the data given below for each group).

	A	A (After Sintering)	C	C (After Sinterin)	D	D (After Sinterin)	F	F (After Sintering)
Length (mm)	100.8	90,72	100.83	91,75	100.75	92,18	100.81	89,72
Weight (g.)	60.17	53,55	57.27	50,4	56.33	49,85	56.23	48,9