

HOT WEATHER CONCRETING

Project Report Submitted by

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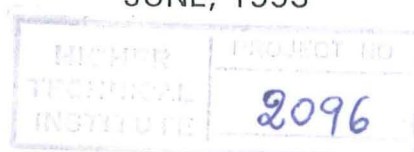
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SUMMARY

Concrete is the most versatile and widely used building material. It is used in dams, canals and aqueducts; in highways, pavements and sidewalks; and in buildings, bridges and other structures, both as a structural and as a decorative material.

Where concrete is not used as a primary structural material it may be used for fireproofing, waterproofing or soundproofing. Concrete also acts as a shield against damaging nuclear radiation.

Concrete is of such importance that almost every civil engineering structure uses it.

Due to the increase of the earth population and the needs of the people for housing the building industry has been expanded at such level that it has to work all the year round.

As already mentioned concrete is the basic material used but due to the various climatic conditions and difference in temperature among the various periods of the year, it has been necessary to establish various methods of concreting at high and low temperatures.

How could concrete behave in abnormal conditions and aspects to be consider in order to specify adequately the production, transportation, placement and concrete protection, during those conditions will be discussed in this project.

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