

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-590018.

KARNATAKA



2023-24

An Internship Report on
"RESIDENTIAL APARTMENT CONSTRUCTION"

Submitted in partial fulfilment of the requirement for the award of degree

BACHELOR OF ENGINEERING

IN

CIVIL ENGINEERING

Submitted By-

ARVIND SHARMA K

(ISV19CV006)

Under the Guidance of

Dr. Nagaraja C

Professor

Department of Civil Engineering



SHRIDEVI
EDUCATION

DEPARTMENT OF CIVIL ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi)

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Sira Road, Tumakuru - 572106 KARNATAKA



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CERTIFICATE

This is to Certify that the Internship work entitled "RESIDENTIAL APARTMENT CONSTRUCTION" has been successfully carried out by is a Bonafede student of SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU-572106, in partial fulfillment for the award of BACHELOR OF ENGINEERING in CIVIL ENGINEERING of the VISVESVARAYA TECHNICAL UNIVERSITY, Belagavi during the year 2023-2024. It is certified that all corrections and suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The Internship report has been approved as it satisfies the academic requirements in respect of Internship Work prescribed for B.E Degree.

Signature of Internal Guide

Dr. Nagaraja C

Professor

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Signature of HOD

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Professor and Head
Dept. of civil engineering
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**PRINCIPAL
SIET, TUMKUR.**

Signature of the Principal
Dr. Narendra Viswanath
Principal
SIET, Tumkur

External Viva

Name of the Examiners

- 1.
- 2.

Signature with Date



25th September 2023

To Whomsoever It May Concern

Mr. Arvind Sharma Kakchingtabam (USN.15V19CV006) from Shridevi Institute of Engineering & Technology, Karnataka has successfully completed his internship training at Sobha Limited for the duration from 24th August 2023 to 24th September 2023

We wish him all the best in his future endeavors.

Thanking you,

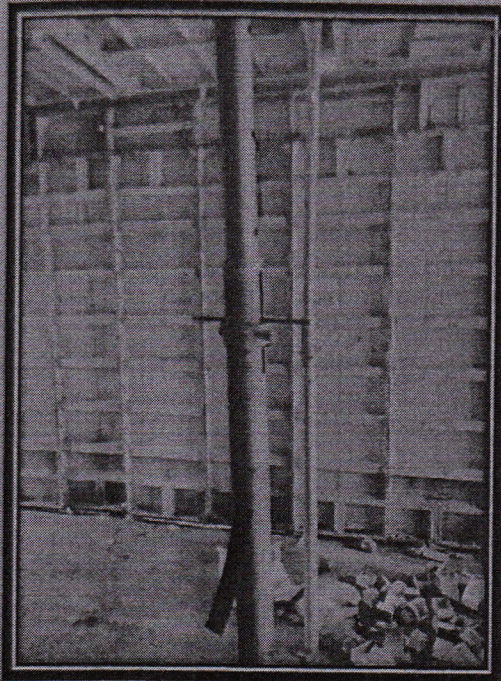
For Sobha Ltd.

Srinivas Shetty
Associate Vice President HR.

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SIET. TUMKUR.

It is the horizontal flat surface, where the slab is casted (Refer Fig 2.3,9.1).

Fig 2.3,9.1

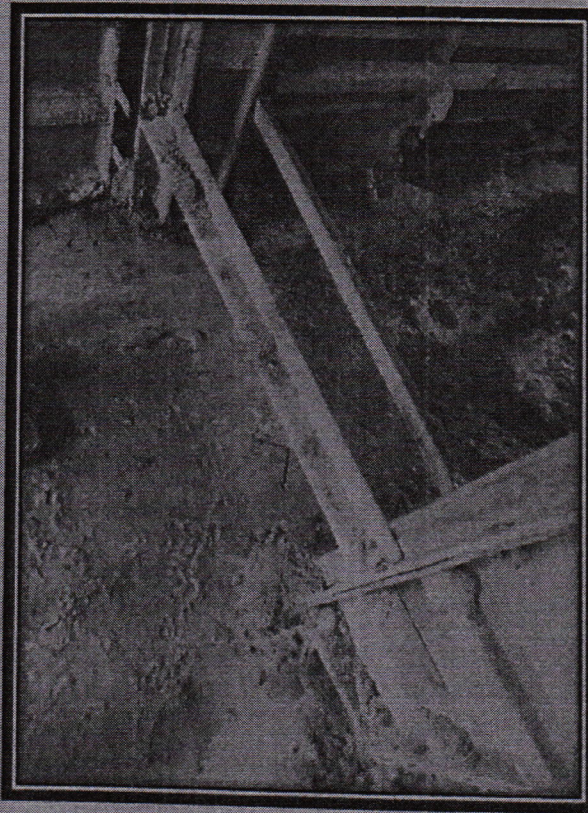


deck panel

10) door spacer:

It is the bar that hold the door at the bottom so that the panel won't get deviated while pouring concrete (Refer Fig 2.3, 10.1).

Fig 2.3,10.1

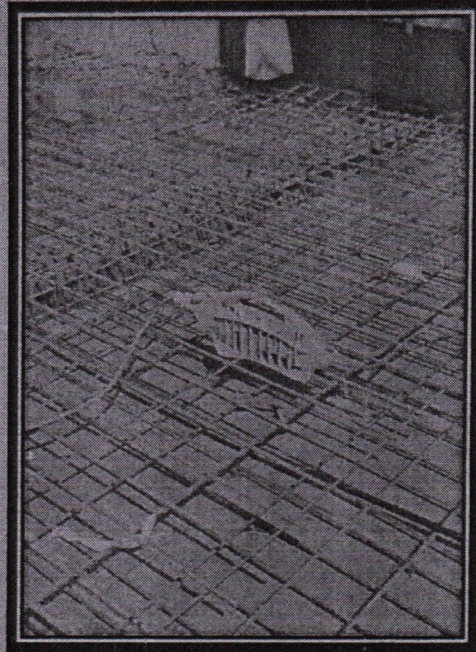


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11) wedge pin:

It is used for the compaction of the fresh concrete which comes by the action of pumping (Refer Fig 2.4.6.1).

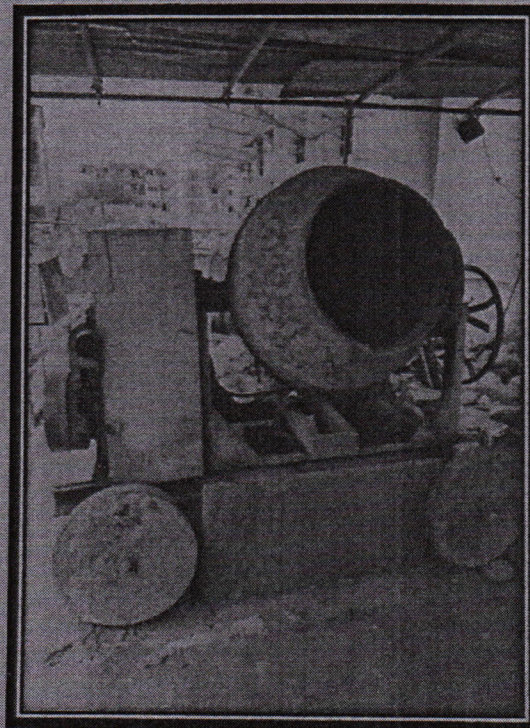
Fig 2.4,6.1



7) Drum mixer:

It is used to mix all the raw material like cement, coarse and fine aggregate, water, admixture together to make a fresh concrete (Refer Fig 2.4,7.1).

Fig 2.4,7.1

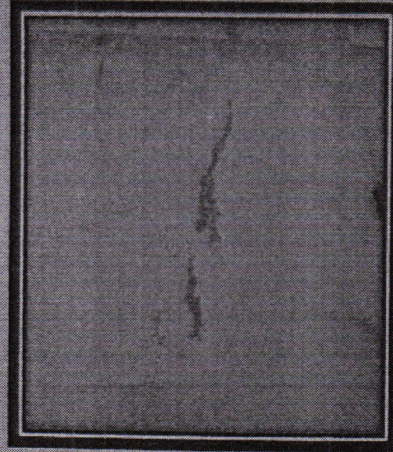


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2.5 GENERAL DEFINITIONS:

It is the type of the defect that noticed because it is caused due to use of excessive concrete Fig

2.5,5.1

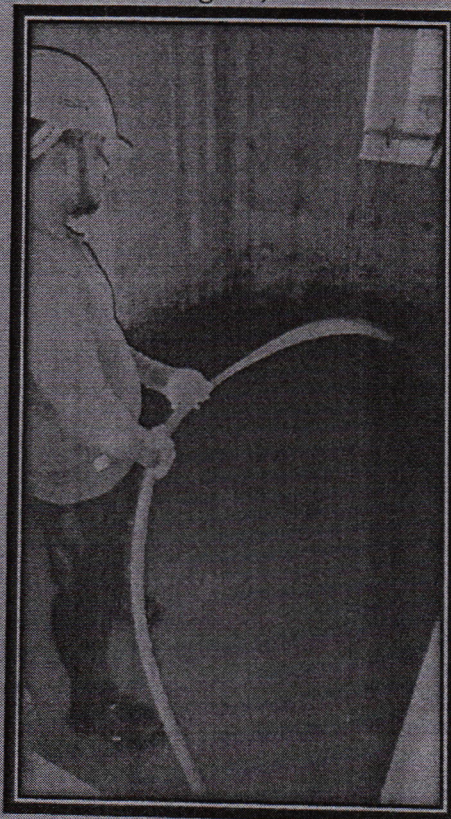


6) Ponding test:

It is the one of the test that carried in the site to check any leakage is present in any of the room. Generally, it is carried, where the water drainage is present (example at toilet area, utility, balcony).

Here the water is filled in the areas up to the height of 100mm- 75mm. after 48 hours the water level has to be check. If there is any decrease in water level, then it states that there is a leakage.

Fig 2.5,6.1



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7) Haunching process: