



**QUALITY & SAFETY STANDARDS**

**AWARDS & CERTIFICATES**

# EHS STANDARD



## SAFETY PARK



## STEEL YARD WITH RACK



# EHS STANDARD

## HYGENIC WASHROOM FOR LABOUR



## HYGENIC WASTE COLLECTION



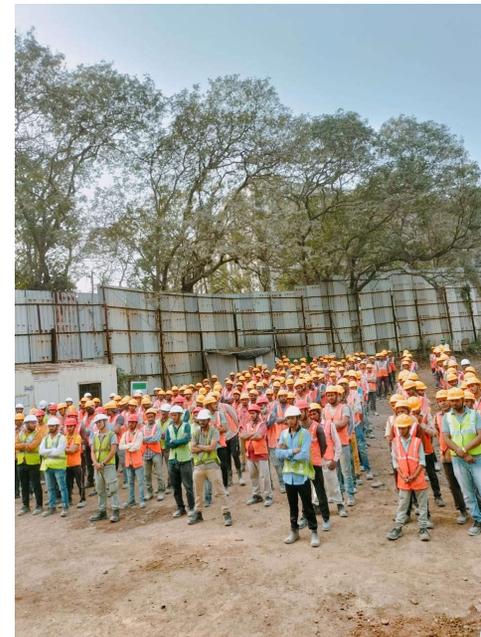
# EHS STANDARD



## DAILY TOOLBOX TALK



## MONTHLY MASS TOOLBOX TALK



# EHS STANDARD



## MONTHLY AWARD PROGRAM



## SAFETY WEEK AWARD PROGRAM



# EHS STANDARD



## CERTIFICATION OF APPRECIATION



## CERTIFICATION OF APPRECIATION



# EHS STANDARD

## REST AREA FOR LABOUR



## OPENING BARCATION



# EHS STANDARD

## LIFT SHAFT CLOSING

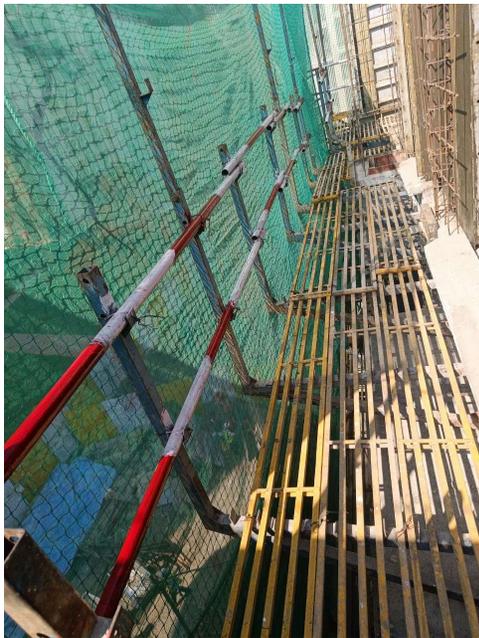


## LIFT SHAFT TOE BOARD

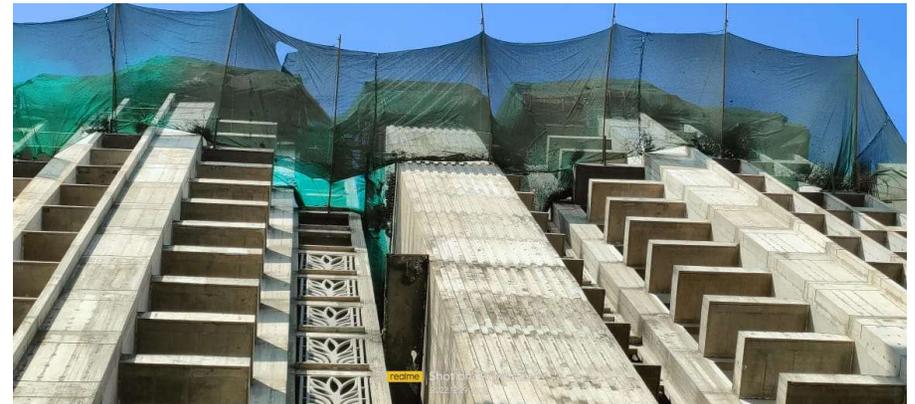


# EHS STANDARD

## WORKING PLATFORM WITH NET



## HORIZONTAL NET



# EHS STANDARD

## BUILDING ENTRANCE



## FLOOR HOUSEKEEPING



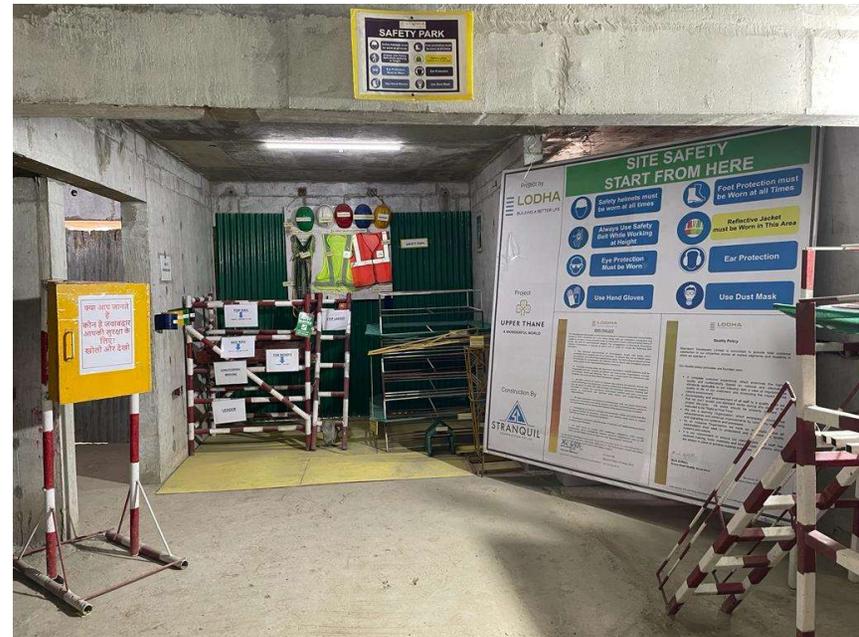
# EHS STANDARD



## LOGISTIC



## SAFETY PARK



# QUALITY STANDARD



## QUALITY PARK



## QUALITY PARK



# QUALITY STANDARD



**RAFT/FOOTING SHUTTERING**



**RAFT/FOOTING SHUTTERING**



# QUALITY STANDARD



## COLUMN/SW SHUTTERING



## COLUMN/SW CURING



### *REASONS OF CURING CONCRETE*

- Concrete Strength Gain
- Improves durability of concrete
- Enhance serviceability
- Improves micro-structure

### *RIGHT TIME TO CURE CONCRETE*

Immediately after initial setting of concrete moist curing is adopted

**CURING**  
**WET COVERINGS**

# QUALITY STANDARD

## PROTECTIVE COATING



### *REASONS OF APPLICATION*

Prevention of  
concrete substructure  
from aggressive soil

To improve durability  
of concrete

Provides long term  
corrosion protection

### *RIGHT TIME TO APPLY*

After proper curing of 10  
days

After important repairing  
of structure is done

### *APPLICATION PROCESS*

Surface Preparation: Dry  
& Free of dirt and  
loose materials

**PROTECTIVE  
COATING**

## READYNESS FOR BACKFILLING



# QUALITY STANDARD



## BACKFILLING WITH COMPACTION TEST

## SLAB CASTING/LEVEL/BROOMING SAME DAY



### BACK-FILLING

#### ***REASON OF BACK-FILLING IN LAYER & COMPACTION***

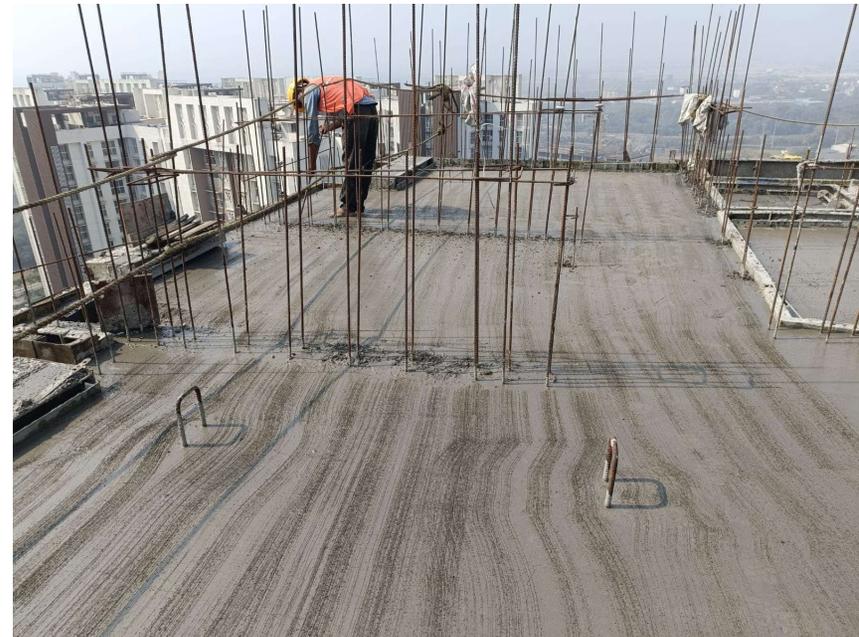
Back-filling in minimum 03 layers have to be done to avoid settlement of structure & structural failure.

#### ***BACK-FILLING & COMPACTION PROCESS***

Back-filling has to be started only after all repairs & protective coat application on footings been done.

It has to be done in minimum 03 layers; 1<sup>st</sup> up-to footing top, 2<sup>nd</sup> up-to plinth beam bottom & 3<sup>rd</sup> up-to grade slab bottom. One additional layer has to be done if column height is more than 600mm.

In each layer 02 n of samples for core test shall be taken & minimum 95% degree of compaction has to be achieved.



# QUALITY STANDARD



## INITIAL CURING



## WATER POND FOR SLAB CURING SAME DAY



# QUALITY STANDARD

## APPLICATION OF CNS-50 HOLE FILLING & JOINT FILING



### APPLICATION OF CNS-50

**CNS 50** is a non-shrink grouting material used for grouting the Tie-Patti holes in columns/ shear walls & gaps between RCC & block work to arrest cracks & water leakage.

#### REASON OF PPLICATION OF CNS-50

- CNS-50 is used as a non-shrink grout material for the filling purpose of holes filling of tie-rod & tie-patting sleeves to arrest water leakage.
- Also it is used in the top layer of block-work (the joint between beam/ slab soffit and block-work) to arrest cracks & in block-work.

#### PROCESS

1. Surface preparation
2. Mortar mixing (W/C ratio must be 0.125)
3. Placing of mortar
4. Finishing
5. Curing

#### TOOLS USED

1. Air compressor
2. Mortar pan, tray, wooden mallet and trowel.
3. Water dispenser
4. Ladder/ table

## BLOCK WORK BY USING STANDARD TOOLS



### BLOCK-WORK

Construction of masonry with AAC block work & polymer bonding mortar (approved) is being done as partition wall internal side of the building.

#### SEQUENCE OF BLOCK-WORK

1. Surface preparation
2. DPC
3. Hacking on RCC surface
4. Jointing mortar preparation
5. Block-work of 1<sup>st</sup> 04 layers
6. Bond beam (Patli) after every 04 layers
7. Intermediate mullions if length of wall exceeds 3.5 m.
8. Lintels if any.
9. Gap filling by CNS-50 at the top layer (the joint of beam/slab soffit & block-work).

#### TOOLS USED:

1. Block cutting tool
2. Hack-Shaw blade
3. Air compressor
4. Mortar pan, tray, wooden mallet and trowel.
5. Plumb-bob and level thread, spirit level
6. Measuring tape

# CERTIFICATE & AWARDS



## QUALITY AWARD - 2023-2024



## QUALITY CERTIFICATE -2023-2024



# CERTIFICATE & AWARDS



## QUALITY AWARD : NOV-2023



## QUALITY CERTIFICATE : JAN 2023



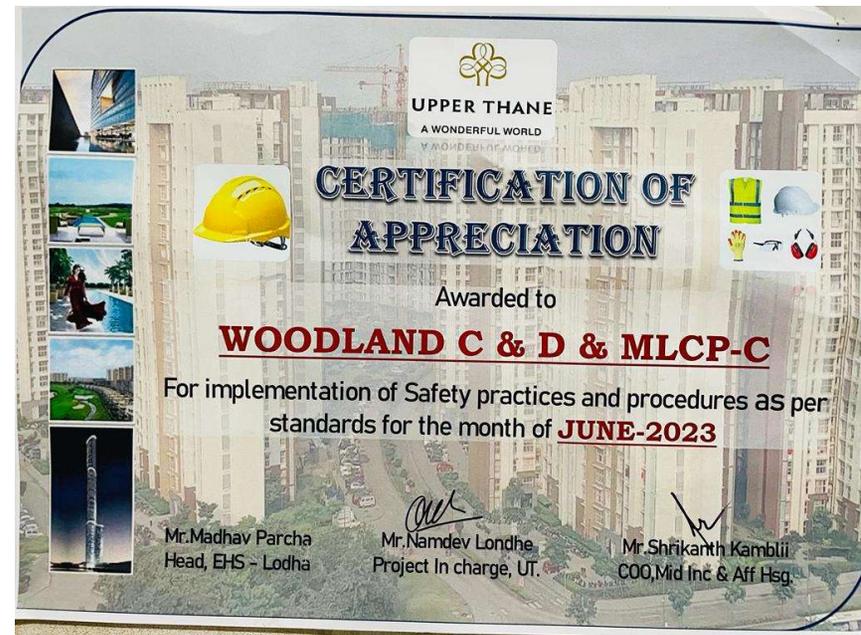
# CERTIFICATE & AWARDS



## SAFETY AWARD : JUNE-2023



## SAFETY CERTIFICATE : JUNE-2023



# CERTIFICATE & AWARDS



**SAFETY CERTIFICATE : APRIL-2023**

**SAFETY CERTIFICATE : OCT-2022**





THANKING YOU