

## **Brief Summary of the Project**

### **1. Introduction**

M/s UltraTech Cement Ltd. had proposed an Integrated Cement Plant (Cement - 5.5 MTPA, Clinker - 4.08 MTPA) Captive Power Plant - 75 MW (3 x 25 MW) and Limestone Mines (3461.2 ha & 1153.4 ha) with production capacity of 7.0 MTPA at Villages: Basawa, Turkani Johdi, Sundon Ki Dhani, Khirod, Kemro Ki Dhani and Mohanbari & Beri, Tehsil: Nawalgarh, District: Jhunjhunu (Rajasthan) for which Environmental Clearance was obtained from MoEFCC, New Delhi vide letter no. J-11011/18/2008-IA. II (I) dated 03<sup>rd</sup> June, 2009 in the name of Grasim Industries Limited; further the EC was transferred in the name of M/s. UltraTech Cement Ltd. (UTCL) and validity was extended for another 5 years vide letter dated 31<sup>st</sup> Dec., 2014.

Due to some unavoidable reasons and acquisition of M/s Jaypee Cement Limited (JAL/JCCL) and Binani Cement Limited, the project was delayed and could not implemented within the EC validity period.

Now, M/s. UltraTech Cement Limited is proposing the same cement project with change in production capacity & area and applying afresh for obtaining Environmental Clearance having subject matter as “Proposed Integrated Cement Project - Clinker (2 x 3.5 MTPA), Cement (2 x 3.5 MTPA), CPP (2 x 30 MW), WHRS (2 x 18 MW) and D.G. Set (2 x 6 MW) at Villages: Basawa & Turkani Johdi (Khirod), Tehsil: Nawalgarh, District: Jhunjhunu (Rajasthan) by M/s. UltraTech Cement Limited”.

<b>Unit</b>	<b>Phase - I</b>	<b>Phase - II</b>	<b>Total capacity</b>
Clinker (MTPA)	3.5	3.5	7.0
Cement (MTPA)	3.5	3.5	7.0
CPP (MW)	30	30	60
WHRs (MW)	18	18	36
D.G. Set (MW)	6	6	12

### **2. Screening Category**

As per EIA Notification dated 14<sup>th</sup> Sept., 2006 & as amended from time to time; this project falls under S. No. 3 (Material Production), Category - ‘A’, Project Activity ‘3 (b)’ Cement Plants.

### **3. Brief Description of Project**

#### **Location Details:**

- ⌘ Villages: Basawa & Turkani Johdi (Khirod)
- ⌘ Tehsil: Nawalgarh
- ⌘ District: Jhunjhunu
- ⌘ State: Rajasthan

#### **Area Details:**

- ⌘ *Total Project Area:* Total project area is 164.69 ha (Project area - 159.74 (Plant & Colony) + 4.95 ha (Conveyor belt).
- ⌘ *Greenbelt / Plantation Area (ha):* Out of the total project area; 33% i.e. 54.34 ha area will be covered under greenbelt development / plantation.

**No National Park, Wildlife Sanctuary, Biosphere Reserve, Protected Forest falls within 10 km radius of the plant site.**

Kolida PF (8.5 km in WNW direction) and Udaipur Lohagarh Nadi (8.0 km in NE direction) falls within the study area.

**Cost Details:**

- ∞ Total Cost - 2500 Crores (Phase-I: 1500 Crores and Phase-II: 1000 Crores)
- ∞ Cost for Environment Management Plan:
  - ✓ Capital Cost - Rs. 200 Crores (Phase-I: 120 Crores and Phase-II: 80 Crores)
  - ✓ Recurring Cost - Rs. 30 Crores / annum (Phase-I: 18 Crores and Phase-II: 12 Crores)

**Basic Requirements for the Project**

- ✓ **Water Requirement (KLD):** Water requirement for the Proposed Integrated Cement Project is 3000 KLD (Phase - I: 1800 KLD and Phase-II: 1200 KLD); which will be sourced from Ground Water.
- ✓ **Power Requirement (MW):** Total power requirement will be around 80 MW (Phase-I: 45 MW & Phase-II: 35 MW); which will be sourced from the Proposed CPP, WHRS and Rajasthan State Electricity Board.
- ✓ **Manpower Requirement:** The proposed project will generate both direct & indirect employment. In addition, approx. 3000 contract labours will also be employed during construction which will be sourced from nearby villages.  
Total regular employees approx. 300 Persons and 3000 contractual workers will be provided employment during operational phase of the project in both the phases.  
Unskilled / semi-skilled manpower will be sourced from the nearby villages / local area and skilled manpower will be sourced from nearby villages / local area / outside.
- ✓ **Raw Material Requirement:** Raw materials required for the proposed project are Limestone which will be sourced from Captive Mines; Red Ochre/ Iron ore/ Laterite will be sourced from Narayani, Chittorgarh; Gypsum will be sourced from FCI (Khal Mines) & RSMM, Bikaner; RSMM, Nagore; Fly ash will be sourced from CPP, JPL & APCPL (NTPC), Jhajjar; RGTPP, Hissar.
- ✓ **Fuel requirement:** Fuel required for the proposed project are Imported Coal/Indian Coal / Petcoke (Cement Plant) will be sourced South Africa, Indonesia, SECL, IOCL refinery at Panipat, Reliance refinery at Jamnagar, Imported Coal/Indian Coal/ (CPP) will be purchase from South Africa, Indonesia, SECL.

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