

LAKSHMI CEMENT JAYKAYPURAM
(A Div. of J.K. Corp Ltd)

Unit Profile

Lakshmi Cement is a Division of J.K. Corp Ltd., and a member of J.K. Organisation which is one of the largest privately owned industry groups in India and having Corporate / Head Office at Nehru House, 4 Bahadur Shah Zafar Marg, New Delhi.

The word J.K. is derived from the name of founder of the organization late Shri Kamalpatji Singhania and his father Late Shri Juggilalji Singhania.

Lakshmi Cement is situated at Jaykaypuram which is 3.5 KMs from Banas at Ajmer-Ahmedabad highway No. 14. It is part of village – Banas, Tehsil – Pindwara and having police station at Swarupganj. We are about 35 KMs each from SIROHI (North), our district head quarter and Abu Road (South). Our nearest Railway Station is Banas, which is 3 KMs and Airport is Udaipur 135 KMs from our plant.

Lakshmi Cement has been awarded ISO 9001 : 2000, ISO – 14001 : 1996 and OHSAS 18001 : 1999 during the year 2003 – 2004. Lakshmi Cement has recently been awarded with NABL Accreditation for its Laboratory in the field of mechanical testing of cement in accordance with ISO / IEC / 17025 by National Accreditation Board for Testing and Calibration Laboratories, Department of Science and Technology, Government of India.

Lakshmi Cement was commissioned in the year 1982 with a capacity of 0.5 MTPA which is now enhanced upto 2.4 MTPA.

J.K. ORGANISATION STANDS FOR –

- Dynamic & successful business organization.
- A socially valued enterprise
- Business Integrity

J.K. ORGANISATION CORE ACTIVITIES –

- CEMENT
- PAPER
- TYRE
- WOOLENS
- PHARMACEUTICALS
- AGRI-GENETICS
- STEEL
- COSMETICS
- AVIATION
- DIARY
- SUGAR

PRODUCT RANGE OF M/s LAKSHMI CEMENT

At Lakshmi Cement the following grades of Cement carrying bureau of Indian Standards (BIS) marks are being produced in conformity to the standard specifications of the Bureau of Indian Standards;

- a) Ordinary Portland Cement (OPC) Grade – 33
As per IS : 269 – 1989
- b) Ordinary Portland Cement (OPC) Grade 43

As per IS : 8112 - 1989

- c) Ordinary Portland Cement (OPC) Grade 53
As per IS : 12269 - 1987
- d) Portland Pozzolona Cement (PPC) Grade 53
As per IS : 1489 – 1991 (Part – I & II)

Lakshmi Cement had a turnover of Rs. 69186.81 Lakhs during its Accounting year 2002-2004 (October – March) for 18 Months period, which is equal to Rs. 46124.54 Lakhs for a duration of 1 year on average basis.

MAJOR legal sanctions / consents, under which operating :

- RPCB Consent to operate under Air Act.
- RPCB Consent to operate under Water Act.
- RPCB Authorisation under Hazardous Waste Management and Handling Rules.
- Factory License from Chief Inspector of Factories and Boilers.

Energy Consumption

There is a steady decline of specific energy consumption as well as coal consumption (specific fuel consumption) due to implementation of various energy conservation measures).

The energy scenario of Lakshmi Cement : -

Description	Unit	2000-01	2001-02	2002-04 Oct-Mar (18 months)
Installed capacity	LTPA	24.00	24.00	24.00
Actual production	LTPA	19.61	23.06	36.51 (24.34) *
% Capacity utilisation	%	81.71	96.08	101.42
Coal consumption	Tons	224695	238268	349845 (233230)*
Total cost of coal	Rs. Lakhs	6064.24	5638.11	8987.40 (5991.60)
Electricity consumption	Lakh KWH	1703.45	1938.85	3125.30 (2083.53)*
Total Electricity cost	Rs. Lakhs	7540.07	7913.03	12828.15 (8618.77) *
Energy consumption in terms of % of manufacturing cost (variable cost)	%	68.43	68.53	67.62
Specific energy consumption elec Electrical Energy (Excluding crusher)	KWH / Ton of Cement	88.29	86.51	85.80
Specific thermal energy consumption	K.Cal / Kg of Clinker	743	744	738
Coal consumption	Kg / Ton of Cement	113.00	106.00	94.00

Year	Electricity consumption		Coal Consumption	
	Kwh/ton Cement	%reduction over 2000 - 2001	Kg/ton of Cement	% reduction over 2000 - 2001
2000 - 2001	88.29	-	113.00	-
2001 - 2002	87.51	0.88	106.00	6.19%
2002 - 2004	85.80	2.82	94.00	16.81%

Energy Conservation Commitment, Policy and Organizational set up.

The Management of Lakshmi Cement is committed to total energy management and prevention of energy wastage by -

- Closely monitor, control and analyzer the equipment and process performance for specific energy consumption.
- Explore the possibility of use of cheaper alternative fuel and waste products.

- Crater awareness for energy conservation.
- Conduct training programmes for energy conservation.
- Conduct energy audit to identify opportunities for improvement of overall energy efficiency of the plant.

The policy of management is to consider energy efficiency of equipments while purchasing the new equipments.

Energy Management Cell, headed by Energy manager is functioning for regular monitoring and control of wastage of energy.

A weekly meeting of Energy management committee chaired by the Chief Executive (Works), also held to review the weekly energy performance, action plan and **ENCON** activities.

Company has widely displayed its Energy Management Policy throughout the plant as well as office premises.

A copy of Energy Management Policy (in English and Hindi both the languages) are attached herewith.