



Energy Conservation Measure implemented in 2007-2008

(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure		Sector – "CEMENT SECTOR"			
Year to be filled by BEE	UP-GRADATION OF KILN-2 & 3 MAIN-DRIVE TO INCREASE RPM FROM 4.2 TO 4.6		Technology			
Description of the energy conservation measure:						
Up-graded Kiln – 2 & 3 Main Drives to increase Kiln RPMs from 4.2 to 4.6 which includes up-gradation of Kiln Main Drive gear box, Kiln Main Drive DC Motor along with 6600 / 660 volts Step-down Transformer and Thyristor Drive Panel.						
Picture/ sketch/ drawing modification (A view of Up-Graded Kiln – 3 Main Drive Station)			Picture/ sketch/ drawing after modification (Other side view of Up-Graded Kiln – 3 Main Drive Station)			
						
Agency that executed the project (with complete address and email): In House						
Total investment, Rs. Lakhs: 450.00			Year of implementation: 2007 - 2008			
First year energy cost savings, Rs. Lakhs : 124.70						
First year other savings, Rs. Lakhs : 2231.00						
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other	
Energy consumption before	71422	--	--	--	--	
Energy consumption after	68015	--	--	--	--	
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	3.66	--	--	--	--	
Company complete address:				We authorize Bureau to use this information for dissemination		
M/s. JK Lakshmi Cement Ltd. P.O. – Jaykaypuram, Dist – Sirohi, Rajasthan, Pin – 307 019. Phone – (02971) 244 409, 244 410 Fax – (02971) 244 417, 244 002						
Contact person who could be contacted for more information: Energy Manager				Signature Date : 01.10.2008		