



NEW INDIA CEMENT ENGINEERING CONSULTANTS

**Workshop Cum Training Programme
on**

**Sustainable and Continual Improvement
Strategies for Efficient Operation of
Cement Plants**



**17th - 18th July 2018
HOTEL SPARK, SATNA (M.P.)**



NICE Team Disseminating Knowledge to Cement Industry for Better Performance

WORKSHOP CUM TRAINING PROGRAMME ON

Sustainable and Continual Improvement Strategies for Efficient Operation of Cement Plants

OVERVIEW

The rapid economic development and growth of infrastructure in massive way in India has resulted in significant increase in cement demand. The global cement industry has witnessed a phenomenal up gradation in cement manufacturing technology. The cement plant capacity has increased from 3000TPD to 12000TPD with installation of double stream kilns with ILC and latest generation coolers. Accordingly, the knowledge and operating skill of cement plant personnel need to be updated to adapt the innovative approach for continual and sustainable operation.. The norms and standards on energy, environment and quality are becoming more stringent day by day. Also the challenges for reduction of GHG require more efforts by plants for sustaining optimal production of blended cement and also use of alternate fuels and raw materials. It is vital for Plant Management to continuously evaluate at regular intervals, the input and output of the existing system, adopt the latest strategies for sustainable and continual best plant operation & maintenance. Further, the present competitive market requires efforts not only for improved productivity at reduced emissions but also to keep abreast with best global cement plant operating practices in order to achieve sustainability.

This programme is intended to cater the needs of technical personnel keeping the above requirement in mind. A unique feature of the programme shall be presentations on the latest trends/ developments by some leading experts of the field and also machinery manufacturers / suppliers with a closer look on latest trends in technologies, operation and maintenance techniques, strategies for improvement of operations on sustainable basis. The acquired learning would help plant personnel gain leverage not only for the overall increase in the profitability but also increase the efficiencies in operation & life of the machineries of the plant, thus enriching corporate sustainability image.

KEY OBJECTIVES

- ✓ Higher Efficiency by adopting Emerging Technologies
- ✓ Environmental Improvement - Continual System
- ✓ Reduction of GHG Emissions
- ✓ Energy efficiency enhancement
- ✓ Optimization of Process & Operational parameters - Continual Improvement Approach
- ✓ How to Inculcate sustainable improvement strategies in day-to-day plant operation
- ✓ Updating of operation skills & Knowledge of plant officials
- ✓ Road map for sustainable development

COURSE CONTENTS

- ✓ Overview of Indian cement industry
- ✓ Sustainable & Continual improvement in efficiency of plant by adopting emerging technologies
- ✓ Best practices for efficient plant operations
- ✓ Critical process interface – How to resolve
- ✓ Energy conservation in cement industry – Integrated approach
- ✓ Environmental aspects in sustainable production
- ✓ Utilization of wastes as alternate fuel
- ✓ Quality control and assurance
- ✓ Planned Maintenance for cleaner production

VENUE : HOTEL SPARK

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DATE

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July 2018



