



PE258: Energy Conservation and Energy Audit in Cement Plants

Training Description:

The course aims at imparting in-depth knowledge on Energy Management and Energy Audit in various operations in cement manufacture and scope of energy conservation, including the latest technological developments.

Training Designed for:

This course is intended for Process, Production Managers, Engineers, Maintenance Managers, Engineers and Supervisors.

Training Requirement:

“Hand’s on practical sessions, equipment and software will be applied during the course if required and as per the client’s request.”

Contents can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client’s learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Program:

FIVE DAYS :

- ❖ PRE-TEST
- ❖ Introduction
- ❖ Role and principles of energy audit
- ❖ Influence of raw material and fuel characteristics on energy consumption
- ❖ Energy conservation in grinding operations
- ❖ Energy conservation in pyroprocessing operations
- ❖ Energy conservation in fans
- ❖ Improving energy efficiency in electrical systems
- ❖ Optimizing the operation of water pumps for energy efficiency
- ❖ Energy saving opportunities in compressors
- ❖ Energy management in air conditioning systems
- ❖ **Practical Sessions**
 - This hands-on, highly-interactive course includes real-life case studies and exercises
- ❖ Course Conclusion
- ❖ POST-TEST and EVALUATION

Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:

- 30% Lectures, Concepts, Role Play
- 70% Workshops & Work Presentations, Techniques, Based on Case Studies & Practical Exercises, Gamification, Software & General Discussions
- Pre and Post Test

Training Certificate(s):

CMCT Internationally recognized certificate(s) will be issued to each participant who completed the course.

Training Fees:

TBA as per the course location - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01st of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

Training Timings:

Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:00	Recess (Prayer Break & Lunch)
13:00 - 14:00	Last Session

For training registrations or in-house enquiries, please contact:

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