

BEYOND

SMART CITIES



CONSTRUCTION ENVIRONMENTAL

MANAGEMENT PLAN - CEMP

KRISHNAJI PAWAR, LEED AP BD+C, GSAS CGP, ISO 14001:2015, GCP

ENVIRONMENTAL SPECIALIST COURSE





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INTRODUCTION AND COURSE OUTLINE

FOR ENVIRONMENTAL PROFESSIONALS

KRISHNAJI PAWAR, LEED AP BD+C, GSAS CGP, ISO 14001:2015, GCP

ENVIRONMENTAL SPECIALIST CURRICULUM





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SMART CITIES



KRISHNAJI PAWAR

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CEO & FOUNDER, BEYOND SMART CITIES

ONLINE TRAINING COURSE

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN - CEMP TRAINING

ENVIRONMENTAL SPECIALIST

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### WHAT SHOULD YOU LEARN

- Introduction to CEMP, Scope and Objectives
- Requirements for the CEMP
- Construction methodology and Environmental Commitment
- Environmental Baseline Conditions
- Legal and Regulatory Requirements
- Project Environmental Management
- Environmental Impacts and Mitigation
- Monitoring and Auditing
- Emergency and Incident Response Plan
- Sample Copy of CEMP and Presentation

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### WHO SHOULD ATTEND

This course is designed to help Environmental professionals, including Environmental managers, Environmental Engineer, Environmental Consultants, contractors become more aware of and effective at identifying and implementing the best Construction Environmental Management Strategies.

Environmental Professionals who want to learn more about developing and Implementation of CEMP

For those who are starting their journey in the Environment Management Inspection Profession.

Environmental Professionals who want to earn Environmental Professional - EP Credentials.



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## KEY TAKEAWAYS

The Construction Environmental Management Plan course was carried out over a half-day session and the aim of the course was to give the professionals the implementation and development of CEMP for any project or development.

Review the various areas of the Environmental Management and Implementation during construction

Work through practical examples to demonstrate the topics and procedures covered.

This training program helps to prepares attendees to develop and implement CEMP for Qatar - MME requirement

Sample copy of CEMP for Qatar -requirements and MME presentation.



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GET READY TO LEARN NEW  
CONSTRUCTION  
ENVIRONMENTAL  
MANAGEMENT PLAN-CEMP  
SKILLS AND ENROL NOW!



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## WHAT IS CEMP



The purpose of a construction environmental management plan is to outline how a construction project will avoid, minimise or mitigate effects on the environment and surrounding area.

Construction environmental management plans often detail the implementation of measures in accordance with environmental commitments outlined in; an Environmental Statement, an environmental policy or environmental plan, requirements of planning conditions, Section 106 agreements or other legislative requirements.



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## PURPOSE OF CEMP



To describe all the environmental management practices, protocols and methodologies to be applied for implementation during the Project's construction phase. The project will have impacts; however, these will be mitigated to as low as reasonably practicable.

The purpose of the CEMP is to set environmental targets for a sustainable growth by measuring its performance throughout the construction phase.

This plan has been developed to provide a management framework for planning and execution of construction work in terms of environmental best practices adoptability. This aims at reducing the risk of adverse impacts of construction activities on sensitive environmental resources and to minimize disturbance to local residents.

All projects within Qatar require an Environmental Permit from the Ministry of Municipality & Environment (MME) prior to construction and operation.

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## SCOPE OF CEMP



The basic scope of a plan should consider the following subject areas, as applicable to the individual project:

Air quality ,Water quality and drainage, Noise and vibration,Geology and soils,Landscape and visual impact, Nature conservation,Archaeology and cultural heritage, People and communities, Waste,Energy,Transport & Materials.

The goal of this CEMP is to have proactive action plans for reducing negative environmental impacts.

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## CEMP OUTLINE - STRUCTURE



1.Introduction – General purpose, scope and structure of the document

2.Project Description : Provides a detailed description of the proposed Construction works.

3.Construction Methodology : Provides an overview of the construction methodology.

4.Environmental Baseline Conditions : Provides a description of the baseline environment at the Project site.

5.Legal and Regulatory Requirements : Provides an overview of the legislative and regulatory requirements relevant to the Project.

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## CEMP OUTLINE - STRUCTURE +



6. Project Environment Management : Provides a detailed description of roles and responsibilities of all parties involved in the Project and describes external and internal communication protocols.

7. Aspects and Impacts and Mitigation Measures : Identifies key environmental aspects and their potential impacts on the existing environment.

8. Monitoring and Auditing : Provides a description of environmental monitoring and reporting requirements.

9. Emergency and Incident Response Plan : Provides a description of requirements for emergency and incident response plans.

10. References : Provides a list of references utilised in the development of this CEMP.



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MARKETPLACE**