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GREEN BUILDING SPECIALIST
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PEARL QUALIFIED PROFESSIONAL
PQP OVERVIEW
ONLINE TRAINING BY KRISHNAJI PAWAR
LEED AP(BD+C),GSAS CGP,GCP,ISO 14001
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MODULE 7

Getting a Pearl Qualified Professional (PQP) Credential

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PEARL QUALIFIED PROFESSIONAL OVERVIEW

Pearl Qualified Professionals (PQPs) contribute to project teams and facilitate the Pearl Rating System (PRS) during development. Master Plans, Buildings, and Villas can benefit from a PQP's expert direction from planning concept design to construction and implementation.

Learning Objectives

- Introduction
- How green buildings fight climate change
- Sustainable Development and Green Buildings
- Organizational Fundamentals
- Pearl Rating System for Estidama – Building Rating System
- Advantages of and PQP & Pearl Rating System
- Getting a Pearl Qualified Professional (PQP) Credential
- Summary and Resources
- PQP Quiz_Test Your Knowledge!

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INTRODUCTION

- Professionals study PRS Green standards in preparation for an accreditation exam.
- PQP-accredited professionals enhance careers in construction, design, operations, and facility management.
- Issued by ESTIDAMA Green Building Council.
- Allows participation in green building projects.
- Demonstrates basic knowledge of green building concepts.

PEARL QUALIFIED PROFESSIONAL

The PQP Exam provides the mechanism for a candidate to receive the PQP credential as required within the Pearl Rating System process for all buildings and communities.

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PEARL QUALIFIED PROFESSIONAL (PQP) ROLE IN PROJECTS

- Facilitates Pearl Rating System (PRS) in development process.
- Provides expert guidance from planning to construction.
- Two PQP qualifications: PQP Community for leading Pearl Community Rating submissions.
- PQP Building for leading Pearl Building and Villa Rating submissions.





GRIHA CERTIFIED PROFESSIONAL CERTIFICATION OVERVIEW



- A key component of Estidama, an initiative by Abu Dhabi Urban Planning Council.
- Focuses on the built environment's performance in economic, environmental, cultural, and social aspects.
- Inspired by UK-equivalent BREEAM and US-equivalent LEED schemes.
- As of September 2010, mandatory sustainability evaluation methodology for newly built villas, buildings, or communities in Abu Dhabi.
- New communities, private buildings, and government-led projects must achieve at least one Pearl.

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PQP'S RESPONSIBILITIES IN DESIGN

- Understanding DPM planning process for PRS implementation.
- Coordinating meetings with DPM and project team.
- Assisting design team in incorporating Pearl Rating and sustainability principles.
- Providing expert advice on Pearl Rating System credits.
- Administrative support for documentation collection and organization.
- Managing queries and follow-ups with Estidama.
- Ensuring technical quality control on submitted documentation.
- Leading re-submission process following Estidama's review comments.
- Monitoring PRS commitments from design to construction.





PQP'S RESPONSIBILITIES IN CONSTRUCTION



- Understanding Estidama Construction Audit process for PRS implementation.
- Coordinating meetings with DPM and construction team to align handover with Integrated Development Process.
- Assisting construction team in achieving Pearl Rating and sustainability principles.
- Providing administrative support for documentation collection and organization.
- Handling queries and follow-ups between construction team and Estidama.
- Ensuring technical quality control on submitted documentation.
- Leading re-submission process following Estidama review comments.

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THE PQP'S KEY ONGOING RESPONSIBILITIES ARE:



- Record correspondence between Estidama team on Master Planning, Building, Villa, and Community Rating submissions.
- Check DPM website for Information Bulletin releases and updates.
- Ensure appropriate conduct for implementing Estidama Pearl Rating Systems.

Benefits:

- Knowledge and experience sought after for Pearl Rating application preparation and main point of contact.

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PBRS SCHEME OVERVIEW

- The Pearl Building Rating System (PBRS) evaluates new buildings on seven environmental and sustainability issues.
- The system covers Integrated Development Process, Natural Systems, Liveable Buildings, Precious Water, Resourceful Energy, Stewardship Materials, and Innovating Practice.
- Each issue earns 'credits' for specific performance or processes.
- The PBRS certification includes 177 points or credits, 3 'Innovating Practice' points.
- The process includes two phases: the Pearl Design Rating and the Pearl Construction Rating.
- The Pearl Operational Rating is under development and may become mandatory, assessing the built-in features and operational performance of an existing building.



THE PEARL RATING SYSTEM (PRS) IS THE ABU DHABI CERTIFICATION SCHEME FOR THE DESIGN, BUILD, AND OPERATION OF ENERGY-EFFICIENT AND GREEN BUILDINGS.

Requirement	Pearl Rating Achieved
All Mandatory Credits	1 Pearl
All Mandatory Credits + 60 Credits	2 Pearl
All Mandatory Credits + 85 Credits	3 Pearl
All Mandatory Credits + 115 Credits	4 Pearl
All Mandatory Credits + 140 Credits	5 Pearl

EARNING PQP CREDENTIALS: INDIVIDUAL, EMPLOYER, AND INDUSTRY BENEFITS

- Earning the PQP credential provides a professional with a unique marketing tool.
- Employers benefit from eligibility for participation in PRS Green projects, building firms's credentials.
- It encourages staff to aim for the same credential, aiding firm evolution.
- The market benefits from more professionals earning the PQP credential, promoting sustainability and market growth.



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