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CERTIFIED MEASUREMENT & VERIFICATION SPECIALIST
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CERTIFIED MEASUREMENT AND VERIFICATION PROFESSIONAL - CMVP OVERVIEW

ONLINE TRAINING BY KRISHNAJI PAWAR

LEED AP(BD+C),GSAS CGP,GCP,ISO 14001

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MODULE 6

Specialist Certification in Measurement and Verification

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CERTIFIED MEASUREMENT AND VERIFICATION CMVP OVERVIEW

The Certified Measurement & Verification Professional program, established by the Association of Energy Engineers, recognizes and elevates the most qualified professionals in the energy industry.

Learning Objectives

- Introduction
- Knowing the Process of CMVP Credentialing
- Basic Concepts of Measurement & Verification
- Organizational Fundamentals
- Measurement and Verification Process
- Specialist Certification in Measurement and Verification
- Protocols and Advantages of M&V
- Summary and Resources

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INTRODUCTION

- Certified Measurement & Verification Professional - CMVP
- Established by Association of Energy Engineers.
- Recognizes top professionals in energy industry.
- Aims to elevate professional standards in measurement and verification field.

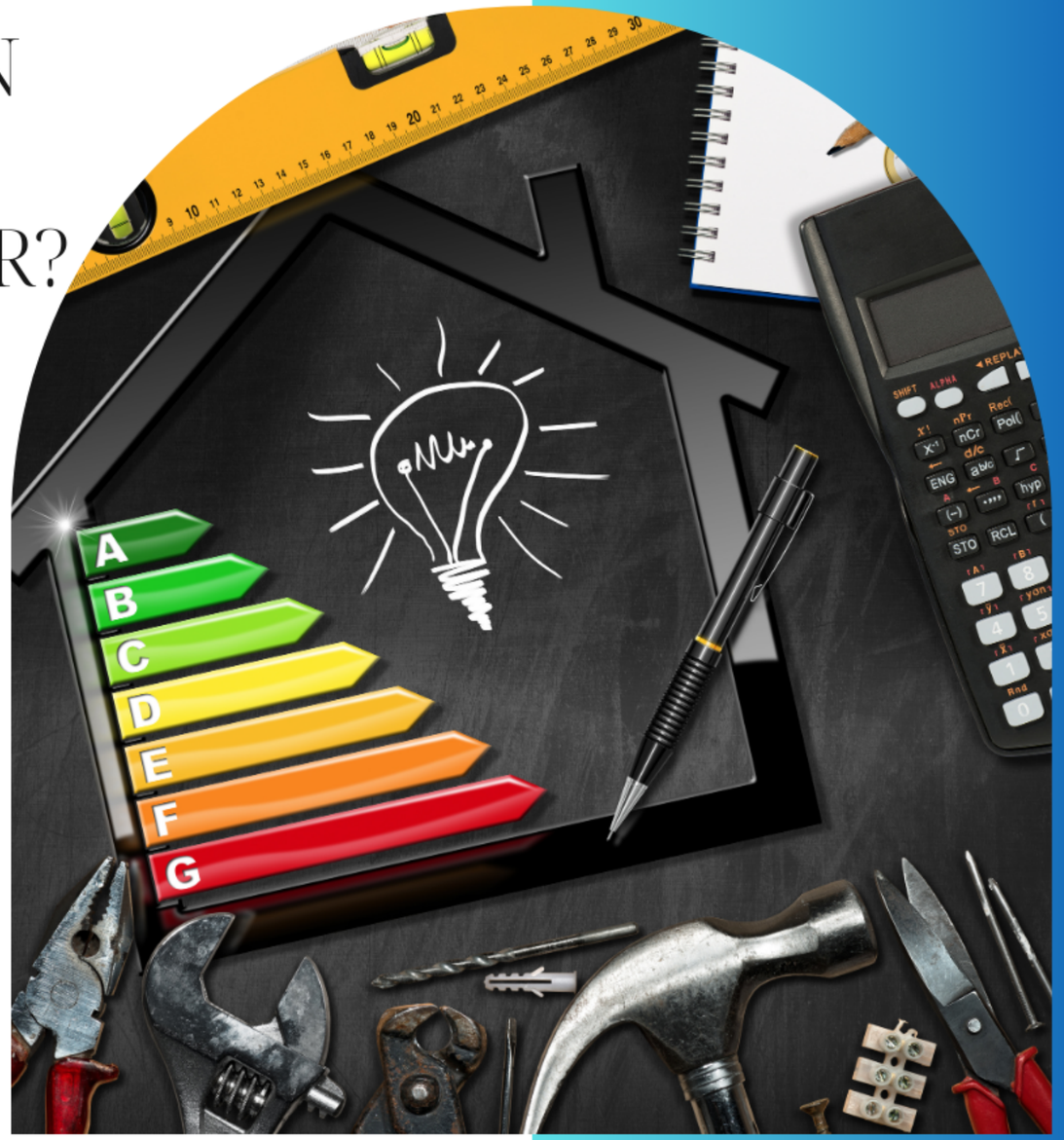
WHO ARE THE MEASUREMENT AND VERIFICATION PROFESSIONALS?

- Energy managers: Validate savings.
- Consultants: Specialize in client energy performance.
- Building owners/managers: Manage M&V teams.
- Industrial process designers: Involve in industrial process design.
- Certified Measurement and Verification Professional (CMVP): Manage internationally recognized methods.
- Application: Fundamental concepts of performance and savings verification.
- Contexts: Energy savings performance contracts, utility and government incentive programs.
- Help: Confidentiality and cost-effective implementation of cost-saving activities.



WHAT DOES THE CERTIFIED MEASUREMENT & VERIFICATION PROFESSIONAL (CMVP) CERTIFICATION PROGRAM OFFER?

- Provides education and qualification for understanding modern "M&V" standards, guidelines, and protocols.
- Provides proof of understanding critical issues surrounding M&V theory implementation.
- Raised professional standards for energy efficiency and performance measurement and verification.



CMVP CERTIFICATION BENEFITS

- Personal and financial investment in energy efficiency certification.
- Validity demonstrated annually since 2002.
- Career improvements reported by energy efficiency professionals.
- Certification demonstrates industry understanding and commitment.
- CMVP on-staff enhance customer affinity due to understanding customer requirements.
- Trust in CMVPs to report and validate energy metrics and potential savings.



ELIGIBILITY FOR AEE'S CMVP CERTIFICATION

- Applicants must have relevant experience or educational credentials.
- Candidates must undergo a defined training program aligning with the program's knowledge base and industry principles.
- Candidates must pass the associated exam to demonstrate their technical knowledge and proficiency in energy efficiency.



CMVP EXAMINATION MANDATORY SUBJECTS

Body of Knowledge	
% for Exam	**Topic**
10 – 16%	Basis for Adjustments
9 – 13%	Fundamental Performance Verification Approaches
11 – 17%	Retrofit Isolation Approach
10 – 16%	Whole Facility Approach
12 – 18%	M&V Planning
6 – 10%	Savings Reporting
6 – 8%	Metering and Considerations
9 – 13%	Modeling Concepts and Application
6 – 10%	The CMVP - Contextual considerations



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THANK YOU

