

# **EVMS Training Snippet Library: DOE EVMS Review for Cause**



**Office of Acquisition and Project Management (OAPM) MA-60  
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# Types of EVMS Reviews



- **Pre-Certification**
  - Certification Review
- **Post Certification**
  - Surveillance
  - Implementation
  - Review for Cause





- **American National Standards Institute / Electronic Industries Alliance (ANSI/EIA) 748 standard consists of 32 guidelines**
- **Contractually required**
  - Department of Energy (DOE) Order 413.3B, *Program and Project Management for the Acquisition of Capital Assets*, 11/29/2010
    - Use of EVMS compliant with ANSI/EIA 748 required prior to CD 2
    - Certification as compliant required prior to CD 3
    - EVMS not required for firm fixed-price contracts
  - FAR clause 52.234-4, *Earned Value Management System*



- **Purpose**

- Assess whether the output of the EVMS processes:
  - Continues to meet the intent of the guidelines
  - Provides reliable and accurate project information

- **'Cause' examples**

- Surveillance indicates significant concerns
- Output of the EVMS may no longer meet the intent of the guidelines; not reliable for management decision-making
- Repeat findings indicating previous corrective action was inadequate to prevent reoccurrence
- Failure to cooperate in reviews or to adequately address or remedy identified findings



- **Scope**

- Discretion of Certifying Authority

- May focus on specific system processes

- May include all 32 Guidelines, processes, procedures

- **Review Team**

- Led by DOE; assisted by contract support personnel

- **Length of Review (depends on scope)**

- One to two weeks on site

- Follow-on depends on results and decisions regarding system status

- **Expectations:**

- Team

- Arrives on time
- Well prepared
- Professional

- Contractor

- Safety/security
- Facilities
- Responsive
- Available



**MUTUAL TRUST AND RESPECT**

# Typical On Site Review Format



- **Welcome/Introductions/Safety**
- **In Brief by Government Review Director**
- **Contractor Presents**
  - Brief Overview
  - Scheduling and Cost Engines Demonstration
  - Process flow via EVMS Storyboard
- **Interviews Conducted**
  - Control Account Managers (CAMs)
  - Project Controls
  - Contractor Management
  - Government Federal Project Director and CO
- **Final Out Brief by Government Review Director**

# What to Expect During Interviews



- Contractor Management, Project Controls, and CAMs interviewed plus some DOE Site Personnel
- CAM interviews conducted where the CAM has **access to the cost and schedule tools** used to manage the effort
- Interviewees must be able to **show, prove, demonstrate** that they are using the system to manage their projects
- Interviewers **drill down, trace, analyze** to make sure the data is accurate
- The team **conducts a critical assessment** of the tools, procedures and processes, and how they are used to manage the work



- **Corrective Action Request (CAR):**
  - A CAR is a systemic or limited occurrence of an ANSI/EIA 748 non-compliance or a significant impact to reporting
  - A CAR requires a Corrective Action Plan (CAP), approval, and closeout
- **Continuous Improvement Opportunity (CIO):**
  - A CIO is a recommended improvement or expansion of good practices for wider application
  - CIOs do not require implementation or response; dialog is encouraged



- **Decision to uphold or to withdraw certification of EVMS compliance, pending corrective actions**
  - Made by Certifying Authority; Formally communicated by CO
  - If certification upheld
    - Corrective actions must be taken for any cited non-compliances and surveillance of contractor's EVMS continues
  - If certification withdrawn
    - CARs and CIOs will be provided
    - Contractor responsible for complete system assessment
    - Certification review will be conducted when the contractor exhibits readiness

# Documenting Review Results



- **RFC report documents the review actions**
- **Contents**
  - Executive Summary Scope of Review
    - Health of the EVMS
  - Assessment and Findings
    - System deficiencies identified
    - Best Practices Identified
  - Conclusion
  - Attachments include CARs and CIOs



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## EARNED VALUE MANAGEMENT

- Aviation Management
- Executive Correspondence
- Energy Reduction at HQ
- Facilities and Infrastructure
- Freedom of Information Act
- Financial Assistance
- Information Systems
- Procurement and Acquisition
- Project Management
  - Earned Value**
  - Lessons Learned
  - Reviews and Validations
  - Documents and Publications
  - RCA and CAP

Earned Value Management (EVM) is a systematic approach to the integration and measurement of cost, schedule, and technical (scope) accomplishments on a project or task. It provides both the government and contractors the ability to examine detailed schedule information, critical program and technical milestones, and cost data.

- [EVMS Surveillance Standard Operating Procedure \(ESSOP\) - 26 Sep 2011 \(pdf\)](#)
  - [EV Guideline Assessment Templates - \(MS Word\)](#)
  - [DOE EVMS Cross Reference Checklist - \(pdf\)](#)
  - [DOE EVMS Risk Assessment Matrix - \(MS Word\)](#)
- [Formulas and Terminology "Gold Card" - Sep 2011 \(pdf\)](#)
- [Slides from the OECM Road Show: Earned Value \(EV\) Analysis and Project Assessment & Reporting System \(PARS II\) - May 2012 \(pdf\)](#)
- [DOE EVM Guidance](#)

### EVM TUTORIALS

[Module 1 - Introduction to Earned Value](#) (pdf 446.86 kb) July 17, 2003

This module is the introduction to a series of online tutorials designed to enhance your understanding of Earned Value Management. This module's objective is to introduce you to Earned Value and outline the blueprint for the succeeding modules. This module defines Earned Value management. It looks at the differences between Traditional management and Earned Value management, examines how Earned Value management fits into a program and project environment, and defines the framework necessary for proper Earned Value management implementation.

<http://energy.gov/management/office-management/operational-management/project-management/earned-value-management>

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