

1/23/2022 3:29:10 AM

Compare Results

Old File:

21.04.01 v03.pdf

1 page (101 KB)

1/22/2022 4:41:07 PM

versus

New File:

H.04.01 - 21.04.01 v04.pdf

1 page (128 KB)

1/23/2022 1:47:14 AM

Total Changes

25

Content

11 Replacements
8 Insertions
6 Deletions

Styling and Annotations

0 Styling
0 Annotations

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DOE EVMS Metric Specification



1. Process Category	2. Metric ID (new, old)	3. Method	4. Frequency
H	H.04.01 (21.04.01) (171)	manual	annually

5. Attribute

Material Price/Usage Variance

6. Metric Intent

This metric confirms that the system provides for the determination of material price variance usage. This metric identifies the count of occurrences where CA/WP with material budgets do not provide a valid basis for realistic evaluation of cost variances and realistic EAC projections.

7. Metric Short Description

material price/usage unsubstantiated

8. Metric

X = Number of incomplete CA/WP WBSs with EOC material in the EVMS cost tool, where the CAM cannot demonstrate VAR analysis uses and incorporates material price and usage.

N/A

Conduct at the CA level if ACWP is at the CA WBS level.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		1.2

12. Needed Artifacts and Data Elements

X artifact(s)
variance analysis
data presented by CAM

13. Assumptions

ACWPs are collected at the WP level. If ACWPs are collected at the CA level, test needs to be conducted at CA level.

14. Instructions

Conduct the following manual operation(s).

- The CAM cannot demonstrate variance analysis uses and incorporates material price and usage.

Determine if X or X/Y exceeds the threshold.

15. Reference(s)

Page 36, Typical Attribute(s): "Price and usage material analysis where useful.

Price Variance = (Earned Value Unit Price - Actual Unit Price) x Actual Quantity.

Usage Variance = (Earned Value Quantity - Actual Quantity) x Earned Value Unit Price.

Quantity breakouts are most useful on programs procuring multiple items of the same part number, typical for production type contracts."

16. Revision Block

rev. no.	description of change and sections affected	date prepared	prepared by	date approved	approved by
V04.00	Updated for release. See track changes.	2022-01-21	PM-30	2022-01-21	Melvin Frank
V03.00	Updated for release. See itemized revision list.	2020-02-10	PM-30	2020-02-10	Melvin Frank
V02.00	Updated for release. None.	2019-07-31	PM-30	2019-07-31	Melvin Frank
V01.01	Updated through 2019-03-13. Minor corrections.	2019-03-13	PM-30	2019-03-14	Melvin Frank
V01.00	Updated for release. All.	2019-01-31	PM-30	2019-01-31	Melvin Frank