

1/23/2022 3:13:49 PM

Compare Results

Old File:

01.01.01 v03.pdf

2 pages (105 KB)

1/22/2022 3:17:58 PM

versus

New File:

A.01.01 - 01.01.01 v04.pdf

2 pages (131 KB)

1/23/2022 12:29:49 AM

Total Changes

31

Content

15 Replacements

10 Insertions

5 Deletions

Styling and Annotations

1 Styling

0 Annotations

[Go to First Change \(page 1\)](#)

DOE EVMS Metric Specification



1. Process Category	2. Metric ID (new, old)	3. Method	4. Frequency
A	A.01.01 (01.01.01) (1)	automated/manual	initially & following implementation of customer changes

5. Attribute

Product-Oriented Work Breakdown Structure (WBS)

6. Metric Intent

This metric confirms that the WBS is product and deliverable oriented depicting the breakdown of contract work scope/federal directed scope documents for work authorization, tracking, and reporting purposes. This metric compares the products and deliverables in the scope documents to the WBS. All elements of the WBS are defined in an accompanying WBS dictionary, as required. Reference is made to the DOE WBS handbook for this assessment.

7. Metric Short Description

WBS dictionary unsubstantiated

8. Metric

X =

1. Products and deliverables listed in the contract work scope/federal directed scope documents are not identified in the WBS dictionary.
2. Product-oriented groupings of project scope elements in the WBS dictionary are not organized and subdivided to the total work scope as defined in the contract work scope/federal directed scope documents.
3. The WBS dictionary does not define the products and deliverables to be developed or produced.
4. The WBS dictionary does not relate elements of work to be accomplished to each other and the overall end product.

Y = Number of WBS identifiers in the WBS index.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		2.2

12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF01_{WBS}	contract work scope/federal directed scope documents	FF01_{WBS}_{C}_WBS FF01_{WBS}_{D}_title FF01_{WBS}_{E}_level FF01_{WBS}_{G}_WBS_type FF01_{WBS}_{J}_WBS_narrative

13. Assumptions

FF01_{WBS} identifies all WBS identifiers in the WBS dictionary. Reference DOE WBS handbook for guidance.

14. Instructions

Determine Y items based on the following.

Count FF01_{WBS}_{C}_WBS items and, if identified, with the following characteristics.

- FF01_{WBS}_{D}_title <listing>
- FF01_{WBS}_{J}_WBS_narrative <listing>
- FF01_{WBS}_{E}_level <listing>
- FF01_{WBS}_{G}_WBS_type <listing>

Determine X items, a subset of Y, based on the following.

Manually count flagged items based on the following operation(s).

- 1. Products and deliverables listed in the contract work scope/federal directed scope documents are not identified in the WBS dictionary.
- 2. Product-oriented groupings of project scope elements in the WBS dictionary are not organized and subdivided to the total work scope as defined in the contract work scope/federal directed scope documents.
- 3. The WBS dictionary does not define the products and deliverables to be developed or produced.
- 4. The WBS dictionary does not relate elements of work to be accomplished to each other and the overall end product.

Determine if X or X/Y exceeds the threshold.

15. Reference(s)

Page 4, Management Value: "The WBS is a product-oriented division of project tasks depicting the breakdown of work scope for work authorization, tracking, and reporting purposes that facilitates traceability and provides a control framework for integrated program management."

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