

1/23/2022 12:15:55 PM

Compare Results

Old File:

06.07.08 v03.pdf

2 pages (104 KB)

1/22/2022 4:27:02 PM

versus

New File:

B.07.10 - 06.07.08 v04.pdf

1 page (128 KB)

1/23/2022 12:52:53 AM

Total Changes

30

Content

12 Replacements

10 Insertions

8 Deletions

Styling and Annotations

0 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
B	B.07.10 (06.07.08) (67)	automated/manual	monthly or when compliance personnel participate IPT meeting

5. Attribute

Critical Path and Float

6. Metric Intent

This metric determines whether the FC longest path follows a logical sequence of work i.e., design, construction, test, commission, etc. The longest path is the longest distance between the start and the finish dates of the project.

7. Metric Short Description

FC IMS longest path not reasonable

8. Metric

X = Number of activities on the longest path in the FC IMS, where the longest path activity does not follow a logical sequence of work i.e., design, construction, test, commission, etc.

Y = Number of activities on the longest path in the FC IMS.

9. Max. Threshold	10. Max. Tolerance	11. Weight
0		2.7

12. Needed Artifacts and Data Elements

Y artifact(s)	X artifact(s)	FF data elements
FF04_{schedule}	xer FC	FF04_{schedule}_[C]_schedule_type FF04_{schedule}_[D]_task_ID FF04_{schedule}_[AB]_is_critical

13. Assumptions

FF04_{schedule}_[AB]_is_critical is the longest, continuous (critical) path.
Changes in float >20 work days indicate work moved forward or backward.

14. Instructions

Determine Y items based on the following.

Count FF04_{schedule}_[D]_task_ID items and, if identified, with the following characteristics.

- FF04_{schedule}_[C]_schedule_type = FC
- FF04_{schedule}_[AB]_is_critical = yes

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

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

- The longest path activity does not follow a logical sequence of work i.e., design, construction, test, commission, etc.

Determine if X or X/Y exceeds the threshold.

15. Reference(s)

Page 12, Typical Attribute(s): "...The critical path is comprised of the longest sequence of tasks driving project completion."

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. Re-ID'd from 06.07.07 to 06.07.08.	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