



# Review Standard for a Quantitative MSAT Technical Report

**Project Name:** <Enter Project Name>  
**Control Section Job Number (CSJ):** <Enter CSJ Number>  
**Contact Name:** <Enter Name of Contact Person>  
**Date Received:** <Enter Date>    **Date Reviewed:** <Enter Date>    **Reviewer:** <Enter Name>  
**District:** <Enter District>    **County:** <Enter County>    **Facility:** <Enter Facility>  
**Project Limits:** <Enter Projects Limits>  
**Project Description:** <Describe Project>

**SAT=Satisfactory    INC=Incomplete    MIS=Missing    N/A=Not Applicable**

Check one box **ONLY**. Answers are **required** for questions that have no N/A box.

The ENV air specialist uses this review standard (RS) to make the preliminary determination concerning whether or not the quantitative MSAT technical report meets the minimum requirements. Each section of the RS represents a required section of the report. For the purposes of this RS, the Incomplete Box should be selected when either the content present needs additional development to be sufficient or the information supplied is incorrect or misinterpreted by the preparer of the technical report. Whenever an Incomplete Box is selected, explain why in the comments section.

## I. Background Information

Does the quantitative MSAT technical report include the following components related to background information?

- | <b>SAT</b>               | <b>INC</b>               | <b>MIS</b>               | <b>N/A</b> |  |
|--------------------------|--------------------------|--------------------------|------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |            | A. The project location and limits   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |            | B. A description of the project  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |            | C. A brief explanation of project types that are subject to a quantitative MSAT analysis       |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |            | D. An identification of why this particular project is subject to a quantitative MSAT analysis |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |            | E. An identification of the date of the MSAT conference call                                   |

**Comments:** <Enter comments here>



## II. Qualitative MSAT Analysis

Does the quantitative MSAT technical report include the following language related to the qualitative MSAT analysis?

SAT	INC	MIS	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		A. The most current MSAT Background language
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		B. The most current Project-Specific MSAT Information language
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		C. The most current Incomplete or Unavailable Information for Project-Specific MSAT Health Impacts Analysis language

Comments: <Enter comments here>

## III. Analysis Methodology

Does the quantitative MSAT technical report include the following components related to the analysis methodology? Use the meeting minutes from the MSAT consultation call to validate that the information supplied in the technical report is accurate.

SAT	INC	MIS	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		A. An identification of the methodology for determining the affected network (e.g., +/- 5% change in traffic volumes between build and no-build alternatives)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		B. An identification of the emission model used in the analysis
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		C. An identification of the emission rates used
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		D. An identification of the source of the emission rates (i.e., emission rate table vs MOVES modeling)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		E. An identification of the current MTP and TDM from which the affected links were determined (e.g., 2035 RTP Update-2013 Amendment)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		F. Maps that show the affected network links
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		G. An identification of the base year, interim year (if applicable), and design year that were analyzed

Comments: <Enter comments here>



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## IV. Analysis Results

Does the quantitative MSAT technical report include the following components related to the analysis results?

- | SAT                      | INC                      | MIS                      | N/A |   |
|--------------------------|--------------------------|--------------------------|-----|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |     | A. A table identifying the total MSAT emissions for each primary MSAT and total VMT for each affected network (i.e., base year, interim year no-build, interim year build, design year no-build, design year build) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |     | B. A bar chart showing the emissions for each primary MSAT for each affected network and with the VMT charted on a secondary y-axis.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |     | C. A bar chart showing the total MSAT emissions (aggregate of all primary MSAT) for each affected network and with the VMT charted on a secondary y-axis  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |     | D. A brief analysis of the modeling results   |

**Comments:** <Enter comments here>

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## V. Conclusion

Does the quantitative MSAT technical report include the following components related to the analysis conclusion?

- | SAT                      | INC                      | MIS                      | N/A |   |
|--------------------------|--------------------------|--------------------------|-----|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |     | A. A statement identifying whether the total MSATs are expected to decrease in the future years analyzed regardless of whether the build or no-build alternative is implemented |

**Comments:** <Enter comments here>



## **Review Standard for a Quantitative MSAT Report**

The following table shows the revision history for this document.

<b>Revision History</b>	
<b>Effective Date Month, Year</b>	<b>Reason for and Description of Change</b>
September 2015	Version 1 was released