

**INTELLIGENT COMPACTION QUALITY CONTROL REPORT SUMMARY  
FOR HOT MIX ASPHALT WITH METHOD COMPACTION**

CEM-IC12 (06/20/2016)

PROJECT INFORMATION/NAME		CONTRACT NUMBER	CO/RTE/PM
		PROJECT IDENTIFIER NUMBER	
		CONTRACTOR NAME	
Instruction: This form to be used by the contractor to summarize the daily hot mix asphalt method compaction intelligent compaction quality control report information. For questions about this form send an email to: <a href="mailto:IC@dot.ca.gov">IC@dot.ca.gov</a>			
Quality control report summary for hot mix asphalt placed on:		HMA Placement Date	
<b>Hot Mix Asphalt Information</b>			
HMA Placement Location		Direction	Lane Number
Beginning Station/Post Mile	Ending Station/Post Mile	HMA Type	HMA Thickness
<b>Intelligent Compaction Quality Control Technician</b>			
Compaction QC Technician (print name)		Intelligent Compaction QC Training Completion Date:	Training requirement effective January 1, 2017.
Email address		Phone Number	
<b>Intelligent Compaction Data Analysis Technician</b>			
Data Analysis Technician (print name)		Data Analysis Training Completion Date:	Training requirement effective January 1, 2017.
Email address		Phone Number	
<b>Quality Control Report Preparer</b>			
Quality Control Report Completed by (print name)		Signature	Date
Email Address		Phone Number	
<b>Activities Before Daily Production</b>			
<input type="checkbox"/> Check testing A-GPS measurements from Roller _____ B- GPS measurements from rover _____ Difference (A-B) _____ ft.* <i>*Take corrective action if difference more than 0.5 ft</i>		<input type="checkbox"/> Temperature sensor accuracy verification A-Temperature from Roller _____ °F B- Temperature from independent device _____ °F Difference (A-B) _____ °F* <i>*Take corrective action if difference more than 5°F</i>	
COMMENTS			

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<b>HMA Method Compaction Requirements</b>			
<i>The following requirements for HMA compaction are based on the specifications for the type of HMA being placed.</i>			
IC Requirements	HMA Target Values	IC Requirements	OGFC Target Values
Breakdown Compaction Minimum Number of Passes		Minimum Number of Passes	
Breakdown Compaction Minimum Temperature °F 1 <sup>st</sup> PASS		Breakdown Compaction Minimum Temperature °F 1 <sup>st</sup> PASS	
Intermediate Compaction Minimum Number of Passes		Complete Compaction Minimum Temperature °F	
Intermediate Compaction Minimum Temperature °F			
COMMENTS			
<b>DAILY COMPACTION QUALITY CONTROL REPORT SUMMARY</b>			
<b>HMA/RHMA Compaction Veta Analysis Report Results</b>			
Does the number of passes for breakdown compaction roller results show that at least 90 percent coverage of the HMA placement construction area met or exceed the minimum number of roller passes specified for breakdown compaction? <input type="checkbox"/> Yes <input type="checkbox"/> No			
If no, corrective action taken:			
Does the 1 <sup>st</sup> PASS breakdown compaction temperature results show that temperature meet or exceed the minimum temperature specified based on the HMA type for at least 95% of the daily HMA placement area? <input type="checkbox"/> Yes <input type="checkbox"/> No			
If no, corrective action taken:			
Does the number of passes for intermediate compaction roller results show that at least 90 percent coverage of the HMA placement construction area met or exceed the minimum number of roller passes specified for intermediate compaction? <input type="checkbox"/> Yes <input type="checkbox"/> No			
If no, corrective action taken:			
Does the final pass of intermediate compaction temperature results show that temperature meets or exceeds the minimum temperature specified based on the HMA type for at least 95% of the daily HMA placement area? <input type="checkbox"/> Yes <input type="checkbox"/> No			
If no, corrective action taken:			

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**OGFC Compaction Veta Analysis Report Results**

Does the number of passes for compaction roller results show that at least 90 percent coverage of the HMA placement construction area met or exceed the minimum number of roller passes specified for compaction?

Yes  No

If no, corrective action taken:

Does the 1<sup>st</sup> PASS breakdown compaction temperature results show that temperature meet or exceed the minimum temperature specified based on the HMA type for at least 95% of the daily HMA placement area?

Yes  No

If no, corrective action taken:

Does the final pass of intermediate compaction temperature results show that temperature meet or exceed the minimum temperature specified based on the HMA type for at least 95% of the daily HMA placement area?

Yes  No

If no, corrective action taken:

**Compaction Quality Control Report Review**

COMMENTS:

I have reviewed the intelligent compaction results shown on compaction quality control report for compliance with the contract specifications and taken corrective action when required.

Quality Control Manger (print name)

Signature

Date Reviewed

**Compaction Quality Control Report Submittal Information**

Submit hardcopy to resident engineer within 1 business day of HMA placement.

Submitted by (print name)

Date

Submit Adobe \*.pdf file of this form to resident engineer within 1 business day of HMA placement.

Submitted by (print name)

Date