

Asphalt Plant - Lot Verification and Pay Factor Worksheet for Superpave Mixtures

Project Information

Specification Version
07/01/02

Contractor: Caledonia Paving 1				Fin. Project ID: 123456-7-89-10 2	
Mix Type: 12.5 3	Design No.: 01-2345 4	Plant No.: A0707 5	Reported By: JCW 6		
LOT #: 1 7	Lot Size: 2000 8	Tons/sublot: 500 9	Date Reported: 2/2/2002 10		
Verification subplot: 4 11	Start Date: 1/18 12	End Date: 2/19 13	Tons in this lot requiring no density:	0 14	0.0%
Proj. Description: The Road to Dundee 15			Tons in this lot requiring static rolling:	18 16	0.9%

Lot Verification

Property	P ₈	P ₂₀₀	P _b	Rice G _{mm}	Lab G _{mb}
QC 17	21.99	8.39	7.44	2.319	2.242
Verification 18	20.00	7.00	7.00	2.300	2.220
Tolerance	IN	IN	IN	IN	IN
Property	Core 1 G _{mb}	Core 2 G _{mb}	Core 3 G _{mb}	Core 4 G _{mb}	Core 5 G _{mb}
QC 19	2.257	2.257	2.257	2.257	2.257
Verification 20	2.235	2.235	2.235	2.235	2.235
Tolerance	IN	IN	IN	IN	IN

Lot Pay Factor Calculations

Property	P ₈	P ₂₀₀	P _b	V _a	Density
Sublot 1 21	50.00	6.00	6.00	4.00	94.50
Sublot 2	51.00	6.10	5.90	4.10	94.50
Sublot 3	50.00	6.00	6.00	4.00	94.50
Sublot 4	51.00	6.10	5.90	4.10	94.50
Sublot 5	50.00	6.00	6.00	4.00	94.50
Sublot 6	51.00	6.10	5.90	4.10	94.49
Target 22	50.0	6.0	6.00	4.0	94.5
n=	6.00	6.00	6.00	6.00	6.00
Mean	50.50	6.05	5.95	4.05	94.50
SD	0.548	0.055	0.055	0.055	0.004
Qu	4.75	17.34	8.22	24.65	318.43
%U	100.00	100.00	100.00	100.00	100.00
QI	6.57	19.17	6.39	26.47	318.43
%L	100.00	100.00	100.00	100.00	100.00
Qual	100.00	100.00	100.00	100.00	100.00
PF	1.05	1.05	1.05	1.05	1.05

Note: Sublot values which appear in RED are outside of the Master Production Range as specified in Table 334-5, refer to 334-7.

Composite Pay Factor

1.05

Comments: 23

Qualified Technician 24

Qualified Technician ID # 25

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INSTRUCTIONS

- 1 **Contractor** - Enter the name of the Contractor producing the mix.
- 2 **Fin. Project ID** - Enter the Financial Project ID on which the sampled material was placed.
- 3 **Type of Mix** - Enter the mix design number of the mix being produced. Example SP 9.5, SP 12.5, SP 19.0.
- 4 **Design No.** - Enter the mix design number of the mix being produced. Example: 02-6899, 02-8528B.
- 5 **Plant No.** - Enter the identification number assigned to each approved asphalt plant producing asphalt for the Department.
- 6 **Reported By** - Enter the initials of the person filling out this worksheet.
- 7 **Lot Number** - Enter the appropriate lot number represented by this worksheet.
- 8 **Lot Size.** - Enter the intended number of tons for this lot (2000 or 4000).
- 9 **Tons per subplot.** - Enter the number of tons per subplot for this lot (500 or 1000).
- 10 **Date Reported** - Enter the date this worksheet is filled out.
- 11 **Verification subplot** - Enter the subplot number selected for verification according the random number sheet.
- 12 **Start Date** - Enter the date production began for this lot.
- 13 **End Date** - Enter the date production ended for this lot .
- 14 **Tons in this lot requiring no density** - Enter the number of tons placed in areas requiring no density.
- 15 **Project Description** - Include the SR No., US No., beginning and ending limits. Example: *SR 5, US1, Canal Bridge to Main Street.*
- 16 **Future Use** - This space is reserved for future use.

Lot Verification

- 17 **QC Sublot Data** - Enter the individual QC test results for each property from the verification subplot.
- 18 **VT Sublot Data** - Enter the individual VT test results for each property from the verification subplot.
- 19 **QC Sublot Data** - Enter the individual QC test results for each roadway core from the verification subplot.
- 20 **VT Sublot Data** - Enter the individual VT test results for each roadway core from the verification subplot.

Pay Factor Calculations

- 21 **QC Sublot Data** - Enter the verified individual QC/Resolution test results for each property.
- 22 **Target Values** - Enter the target value for each property from the Mix Design.
- 23 **Comments** - Enter any comments or notes pertaining to the this lot. Leave blank if there are no comments.
- 24 **Qualified Technician** - Enter the name of the person filling out this report.
- 25 **Qualified Technician ID#** - Enter the TIN number of the person filling out this report.