# SPECIFIC GRAVITY OF BITUMINOUS MIX COMPONENTS

| DATE |
|---|

| PROJECT | JOB |
|---|---|

## COARSE AGGREGATE | | UNITS (Grams) | | | |

MATERIAL _____ SIEVE AND RETAINED ON _____ SIEVE

| | | | | | |
|---|---|---|---|---|---|
| SAMPLE NUMBER | | | | | |
| 1. WEIGHT OF OVEN - DRY AGGREGATE | | | | | |
| 2. WEIGHT OF SATURATED AGGREGATE IN WATER | | | | | |
| 3. DIFFERENCE *(Line 1 minus 2)* | | | | | |
| APPARENT SPECIFIC GRAVITY, $G = \frac{(Line\ 1)}{(Line\ 3)}$ | | | | | |

## FINE AGGREGATE | | UNITS (Grams) | | | |

MATERIAL PASSING NUMBER _____ SIEVE

| | | | | | |
|---|---|---|---|---|---|
| SAMPLE NUMBER | | | | | |
| 4. WEIGHT OF OVEN - DRY MATERIAL | | | | | |
| 5. WEIGHT OF FLASK FILLED WITH WATER AT 20°C | | | | | |
| 6. SUM *(Line 4 + 5)* | | | | | |
| 7. WEIGHT OF FLASK + AGGREGATE + WATER AT 20°C | | | | | |
| 8. DIFFERENCE *(Line 6 minus 7)* | | | | | |
| APPARENT SPECIFIC GRAVITY, $G = \frac{(Line\ 4)}{(Line\ 8)}$ | | | | | |

## FILLER | | UNITS (Grams) | | | |

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|---|---|---|---|---|---|
| SAMPLE NUMBER | | | | | |
| 9. WEIGHT OF OVEN - DRY MATERIAL | | | | | |
| 10. WEIGHT OF FLASK FILLED WITH WATER AT 20°C | | | | | |
| 11. SUM *(Line 9 + 10)* | | | | | |
| 12. WEIGHT OF FLASK + AGGREGATE + WATER AT 20°C | | | | | |
| 13. DIFFERENCE *(Line 11 minus 12)* | | | | | |
| APPARENT SPECIFIC GRAVITY, $G = \frac{(Line\ 9)}{(Line\ 13)}$ | | | | | |

## BINDER | | UNITS (Grams) | | | |

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| SAMPLE NUMBER | | | | | |
| 14. WEIGHT OF PYCNOMETER FILLED WITH WATER | | | | | |
| 15. WEIGHT OF EMPTY PYCNOMETER | | | | | |
| 16. WEIGHT OF WATER *(Line 14 minus 15)* | | | | | |
| 17. WEIGHT OF PYCNOMETER + BINDER | | | | | |
| 18. WEIGHT OF BINDER *(Line 17 minus 15)* | | | | | |
| 19. WEIGHT OF PYCNOMETER + BINDER + WATER TO FILL PYCNOMETER | | | | | |
| 20. WEIGHT OF WATER TO FILL PYCNOMETER *(Line 19 minus 17)* | | | | | |
| 21. WEIGHT OF WATER DISPLACED BY BINDER *(Line 16 minus 20)* | | | | | |
| APPARENT SPECIFIC GRAVITY, $G = \frac{(Line\ 18)}{(Line\ 21)}$ | | | | | |

| TECHNICIAN *(Signature)* | COMPUTED BY *(Signature)* | CHECKED BY *(Signature)* |
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**DD FORM 1216, DEC 65**     PREVIOUS EDITION OF THIS FORM IS OBSOLETE.