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| DOTLOGO2 | **Aggregate Moisture Worksheet****Pycnometer Jar Method** |
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|  |
| Date: (mm/dd/yyyy) |       |  |
|  |
| Producer No.: |       |  |
|  |
| Producer Name: |       |  |
|  |
| Location: |       |  |
|  |
|  |  | Coarse Aggregate |  | Fine Aggregate |  |
|  |  |  |  |  |  |
| 1. | Aggregate Specific Gravity at Saturated Surface-Dry (SSD)  |       |  |       |  |
|  |
| 2. | Sample Size, g  | 2000 |  | 1000 |  |
|  |
| 3. | Sample Size ÷ Specific Gravity  Line 2 ÷ Line 1 |       |  |       |  |
|  |
| 4. | Mass of pycnometer full of water, g  |       |  |       |  |
|  |
| 5. | Mass of pycnometer containing sample and water, g  |       |  |       |  |
|  |
| 6. | Mass of water displaced by sample, g  Line 2 + Line 4 - Line 5 |       |  |       |  |
|  |
| 7. | Difference, g  Line 6 - Line 3 |       |  |       |  |
|  |
| 8. | Sample Size minus water displaced, g  Line 2 - Line 6 |       |  |       |  |
|  |
| 9. | Percent Surface Moisture, *P*, +/- %  Line 7 ÷ Line 8 × 100 |       |  |       |  |
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|  |
| Coarse Aggregate Surface Moisture, | *P* =  |
|  |
| Fine Aggregate Surface Moisture, | *P* =  |
|  |
| Where: | *P* | is the surface moisture, to the nearest 0.1 % |
|  | *Vs*  | is the mass of water displaced by the aggregate sample, to the nearest 1 g |
|  | *Gs*  | is the aggregate specific gravity at saturated surface-dry, to the nearest 0.01 |