**AASHTO Accreditation Program (AAP)**

**Proficiency Sample Corrective Action Report**

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| **Name/Location of Laboratory:**  **University of Arkansas**  **Fayetteville, AR USA** | **Sample Material:**  **Hot Mix Asphalt Ignition Oven** |
| **Laboratory PSP Number:** **3879** | **Sample Numbers:**  **27 / 28** |

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| ***Please use this form when investigating poor ratings on proficiency sample testing. Results which are beyond 2 standard deviations of the grand average are considered to be poor results (ratings of 0, 1, and 2). Investigate the root cause of the problem and describe the corrective action taken to resolve the problem in the areas provided. Please retain a copy of this document for your own records. You do not need to submit this form to the AMRL or CCRL for review, but if you would like feedback on your findings, it is permissible to request it.*** |

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| **Test Method**: AASHTO T-30 ASTM       **Rating**: 2 |
| **Root Cause Analysis** (A step-by-step method that leads to the discovery of the problem’s first or root cause.) While specifications were followed without deviation, there was no way to calibrate shaker for the sample tested. After shaking in a rotap shaker for the normal calibrated period of 7 minutes, the sample was checked for thouroughness by hand shaking for one additional minute. This extra time of shaking may have resulted in degradation of the material which caused the inaccuracy of the results.  Note : Mass removed by washing over the # 200 sieve - Incorrect data was accidentally entered. Actual data for sample 27A was 122.7 and for 28 B was 115.4. More caution will be used in submitting data. |
| **Corrective Action** (Action taken to eliminate the cause of a detected nonconformity.)  **No additional shaking will be completed following the calibrated shaking time.** |