

The Materials Quality Assurance Program represents the Hawaii Department of Transportation, Highway Division's recognition of its responsibility and commitment to ensure that materials incorporated into highway construction projects conform substantially to requirements of the plans and specifications. This program provides uniform, statewide procedures for ensuring personnel are capable of performing materials sampling and testing in accordance with test methods used in the program.

All personnel performing field sampling and testing of materials for all State Highway construction projects (Federal & State funded) and all County Federal-aid projects on the National Highway System, shall be qualified. The Materials Testing and Research Branch of the Highways Division is responsible for the qualification program.

Qualification Examinations for Field Sampling and Testing Personnel:

The next qualification examination will be held on Wednesday, October 1, 2003 from 8:00 am to 3:00 pm at the Materials Testing Laboratory, 2530 Likelike Highway, Honolulu. If there are more applicants than can be accommodated on October 1 another examination may be held on October 2.

SCHEDULE FOR NEXT FIELD SAMPLING AND TESTING PERSONNEL in 2003

Sept. 23, Tuesday	8:00 - 3:00	Review of all Test Methods
Sept. 24, Wednesday	7:00 - 3:00	Hands-on Practice Session for Conc. and Soil Tests (Max. 12 persons)
Sept. 25, Thursday	7:00 - 3:00	Hands-on Practice Session for Conc. and Soil Tests (Max. 12 persons)
Sept. 26, Friday	7:00 - 3:00	Hands-on Practice Session for Conc. and Soil Tests (If required)

Every one who is registered to take the examinations may attend the review session.

The next set of Review and Examinations will be held in March 2004. The exact dates will be announced at a later time.

Written and Performance Examinations will include the following test methods:

Bituminous

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|----------------|-------------------------------------|
| 1. AASHTO T40 | Sampling Bituminous Materials |
| 2. AASHTO T168 | Sampling Bituminous Paving Mixtures |

Concrete

- | | |
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| 3. AASHTO T23 | Making and Curing Concrete Specimens in the Field |
| | a. Cylinders |
| | b. Beams |
| 4. AASHTO T119 | Slump of Hydraulic Cement Concrete |
| 5. AASHTO T141 | Sampling Freshly Mixed Concrete |
| 6. ASTM C1064 | Temperature of Freshly Mixed Portland Cement Concrete |

Soil and Aggregate

- | | |
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| 7. AASHTO T2 | Sampling Aggregates |
| 8. Hawaii HDOT TM1 | Density of Soil In-Place by the Sand Cone Method |
| 9. Hawaii HDOT TM3 | Field Determination of Moisture Content of Soils |

An explanation of the requirements for the examinations can be viewed on the [Examination Procedures](#). A manual providing the test methods that will be covered by the examinations and some review questions and check lists will be sent to each applicant after receipt of the registration fee.

Anyone interested in taking the examinations should submit the attached registration forms ([HDOT-TPQP-1](#) and [HDOT-TPQP-2](#)) to Hawaii Local Technical Assistance Program (LTAP) with \$300.00 registration fee (payable to Research Corporation University of Hawaii). Only a limited number of applications will be accepted for each day. Submit registration by September 2, 2003. Registration fee will not be refunded for cancellation after September 3, 2003. Applicants will be notified of their test date by September 3, 2003.

Please mail form and check to:

Hawaii LTAP
University of Hawaii
Department of Civil and Environmental Engineering
2540 Dole Street, Holmes Hall 383
Honolulu, HI 96822.

If you have any questions regarding the registration, please contact Juli Kobayashi at 956-9006, juli@eng.hawaii.edu. If you have any technical questions pertaining to the exams, please contact Alfred Makino at (808) 832-3557, alfred.makino@hawaii.gov.