
UTAH DEPARTMENT OF TRANSPORTATION

TECHNICAL BULLETIN MT-09.01

June 15, 2009

INDEPENDENCE ASSURANCE PROGRAM

Manual of Instruction Part 8, Section 1012



Requirements for UDOT qualified technicians have changed. This technical bulletin describes the Independent Assurance (IA) program changes and review of the program.

The IA program evaluates the qualified sampling and testing personnel and the testing equipment. The program covers sampling procedures, testing procedures, and testing equipment.

All technicians are evaluated, a minimum of twice per calendar year, in performance of tests procedures in each area of certification (some certifications have no I.A.).

All TTQP qualified sampling and testing personnel employed on UDOT projects will meet the Independent Assurance requirements.

Summary of IA Changes

- *Both IA test results for each certification are due at the end of the calendar year (December 31st). A 3-month grace-period into the next calendar is not allowed.*
- *30 days must separate each IA that is performed for each certification, or as approved by the UDOT Region Materials Engineer.*
- *AMRL samples may count for one of the two required IA tests.*
- *IA testing may use T30 for T27/T11 and vice versa. The confidence intervals may not be used interchangeably.*

Reinstatement will require re-qualification.

In order to evaluate the IA program and analyze the split sample confidence intervals, **submit all split samples results, including poor results.** The poor results do not count as one of the two required I.A. All results will help the program by assuring the confidence intervals are adequate or identify the need to adjust the intervals. Results that are submitted are not counted against a technician or laboratory.

Variance for WAQTC/TTQP Program, UDOT Lab Qualification Program, and the IA Program requirements shall be provided in writing and mailed to: Quality Assurance Engineer – Materials Division 4501 S. 2700 W. Salt Lake City, Utah 84114-145950

The variance(s) are approved by the UDOT Qualification Committee.

The UDOT Qualification Committee (UQC) members include:

UQC Chairman: UDOT Quality Assurance Engineer
Member: UDOT Engineer for Materials (or designee)
Member: UDOT Region Materials Engineer (one-year rotation)
Member: UDOT Region Independent Assurance Inspector (one-year rotation)
Member: Private Lab Manager

For more information regarding the UDOT TTQP Program, the WAQTC Program, or the UDOT Qualification Committee refer to the UDOT Registration, Policies, and Information Handbook (RP&IH)

For more information regarding the UDOT IA Program refer to the UDOT Materials Manual of Instruction Part 8, Section 1012.

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