

WAC 204-50-080 Certified ignition interlock device maintenance, calibration and reports. (1) Each restricted operator shall have the ignition interlock device installed in the restricted operator's vehicle(s) examined by the manufacturer, vendor, service center or ignition interlock technician for correct calibration and evidence of tampering at intervals not to exceed sixty-five days, or more often as may be ordered by the originating court.

(2) The restricted driver must pay a calibration fee at least once every sixty days.

(3) An ignition interlock device must be calibrated for accuracy by using a wet bath simulator or dry gas alcohol standard with an alcohol reference value between .030 and .050 g/210L.

(a) The calibration process will consist of the following procedures:

(i) Prior to introducing a reference sample into a device, a three second purge must be expelled from the wet bath simulator or dry gas standard.

(ii) An "as found" check to introduce the sample into the device without adjustment for accuracy. The test must be conducted prior to any adjustment for accuracy and the results must be recorded on the data logger.

(iii) The accuracy check will consist of two consecutive reference checks with the result of each individual check being within plus or minus ten percent of the reference value introduced into the ignition interlock device. The time period from the first accuracy check to the second consecutive accuracy check must not exceed five minutes.

(iv) Any ignition interlock device not passing calibration must be removed from service and the serial number of the device kept on record for three years. An ignition interlock device removed from service for not passing calibration may be placed back in service only if it is repaired to meet the standards as outlined in this chapter and all repairs are documented and kept in the record for three years.

(b) Wet bath simulators must:

(i) Use a mercury in glass or digital thermometer. These thermometers must read 34 plus or minus .2 degrees Centigrade during analysis and be certified annually using a National Institute of Standards and Technology (NIST) traceable digital reference thermometer.

(ii) Be found on the current National Highway Traffic Safety Administration confirming products list of calibrating units for breath alcohol testers.

(iii) Use alcohol reference solutions prepared and tested in a laboratory such that their reference value is shown to be traceable to the National Institute of Standards and Technology. The 500 ml bottles containing simulator solution must be tamper proof and labeled with the following: Lot or batch number, value of the reference sample in g/210L, and date of preparation and/or the expiration which must not be longer than one year from the date of preparation.

(c) Dry gas alcohol standards must be certified to a known reference value and traceable to National Institute of Standards and Technology - NIST Traceable Reference Material (NIST-NTRM) ethanol standards. The reference value will be adjusted for pressure changes due to elevation to which the dry gas is being used.

(i) Dry gas alcohol standard tanks must:

(A) Be stored in an environment where the temperature range remains between 50-104 degrees Fahrenheit.

(B) Have a label which will contain the following: Components and concentration of the reference value of the gas, expiration date which

must not be longer than three years from the date of preparation, and the lot or batch number.

(ii) Each service center using a dry gas alcohol standard will have:

(A) An elevation chart which will be used to determine the proper reference value for the elevation for which the gas standard is being used.

(B) The certificate of analysis from the dry gas standard manufacturer.

(4) The results of any circumvention or bypass attempt and each calibration including the reference value, "as found" check, calibration check(s), and any adjustments made for accuracy and/or elevation pressure must be recorded on the ignition interlock device data logger and/or database.

(5) Data contained in an ignition interlock device's memory or data logger must be downloaded and the manufacturer, vendor and/or service center must make an electronic copy of the client data and the results of each examination.

(6) Data downloaded by a manufacturer, vendor and/or service center from an ignition interlock device must be:

(a) Reviewed by the manufacturer, vendor, ignition interlock technician, and/or service center. Any evidence of noncompliance, violations, or signs of tampering and/or circumvention must be reported as requested by, and in a format acceptable to the originating court, impaired driving section and/or DOL.

(b) All information obtained as a result of each calibration or inspection must be retained by the manufacturer, vendor or service center for three years from the date the ignition interlock device is removed from the vehicle.

(7) The manufacturer, vendor and/or service center must provide, upon request, additional reports in a format acceptable to and at no cost to DOL, impaired driving section and/or the originating court.

(8) A service center must maintain records documenting all calibrations, downloads and any other services performed on an ignition interlock device, including service of a violation reset. Charges for installations, calibrations, downloads and service must be made using a numbered billing invoice. The billing invoice must contain the date of service and all fees for service must be itemized.

(9) Retention of the record of installation, calibrations, downloads, service and associated invoices must be maintained on site for a minimum of three years.

[Statutory Authority: RCW 43.43.395, 46.37.005, and 46.04.215. WSR 12-17-153, § 204-50-080, filed 8/22/12, effective 10/1/12; WSR 10-24-074, § 204-50-080, filed 11/30/10, effective 1/1/11. Statutory Authority: RCW 46.37.005 and 46.04.215. WSR 09-18-073, § 204-50-080, filed 8/31/09, effective 10/1/09. Statutory Authority: RCW 46.61.688(2). WSR 05-17-065, § 204-50-080, filed 8/11/05, effective 9/11/05. Statutory Authority: RCW 46.04.215 and 46.37.005. WSR 99-01-156, § 204-50-080, filed 12/23/98, effective 1/1/99. Statutory Authority: 1987 c 247. WSR 88-01-020 (Order 87-05-ESR), § 204-50-080, filed 12/9/87.]