

**661—158.6 (321J) Mandatory operational features.** In addition to any requirements established elsewhere in this chapter, an approved IID shall comply with the following.

**158.6(1)** The IID shall be designed and constructed to measure a person's breath alcohol concentration by utilizing a sample of the person's breath delivered directly into the IID.

**158.6(2)** The IID shall be designed and constructed so that the ignition system of the vehicle in which it is installed will not be activated if the breath alcohol concentration of the person using the IID exceeds 0.025 BrAC.

**158.6(3)** The IID shall prevent engine ignition if the IID has not been calibrated within 67 days subsequent to the last calibration. Calibration may be required more frequently at the discretion of the manufacturer or the ASP.

EXCEPTION: The laboratory administrator may approve a device using fuel cell technology to be recalibrated within 187 days of the previous calibration provided that the device passes specific precision and functionality testing approved by the laboratory administrator and carried out by the laboratory or an independent laboratory acceptable to the laboratory administrator.

**158.6(4)** The IID shall record every instance when the vehicle is started, the results of the breath sample test, how long the vehicle was operated, and any indications that the IID may have been tampered with or bypassed.

**158.6(5)** The IID shall require the operator to submit to a random retest within 10 minutes of starting the vehicle. A minimum of two additional random retests shall occur within 60 minutes of starting the vehicle, and a minimum of two random retests shall occur within every 60 minutes thereafter. Random retests may be achieved during operation of the vehicle. The IID shall enter a lockout condition within five days if two or more violations are recorded in a single monitoring period. An IID may, at the discretion of the manufacturer or the ASP, enter a lockout condition on the basis of a single violation.

**158.6(6)** The IID shall permit a sample-free restart for a maximum period of two minutes unless the IID has initiated a random retest, in which case the operator must successfully perform a breath sample test before the vehicle may be restarted.

**158.6(7)** The IID shall automatically and completely purge residual alcohol before allowing subsequent tests.

**158.6(8)** The IID shall be installed in such a manner that it will not interfere with the normal operation of the vehicle after the vehicle has been started.

**158.6(9)** The IID shall be equipped with a method of immediately notifying peace officers if the retest required by subrule 158.6(5) is not performed or if the result of a random retest exceeds the alcohol concentration of 0.025 BrAC. Examples of acceptable forms of notification are repeated honking of the vehicle's horn and repeated flashing of the vehicle's headlights. Such notification may be disabled only by switching the engine off or by achievement of a retest at a level below 0.025 BrAC.

**158.6(10)** Each IID shall be uniquely identified by a serial number. Along with any other information required by the DOT or by an originating court, all reports to the DOT or to an originating court concerning a particular IID shall include the name, address, and driver's license number of the lessee and the unique serial number of the IID. The name, address, telephone number, and contact person of the manufacturer or the ASP furnishing the report shall also be included as part of the report.