CIGARETTE IGNITION PROPENSITY
FIRE SAFE CIGARETTES PROGRAM

Revised Code of Washington (RCW) 19.305

RCW 19.305 Cigarette Ignition Propensity and all of its subsections are effective August 1, 2009. Each manufacturer shall submit to the state director of fire protection a written certification attesting that each cigarette sold by them in the state of Washington is in compliance with all testing requirements and performance standards set forth by RCW 19.305.

Testing Requirements

Per RCW 19.305.020, testing of all brands of cigarettes shall be conducted in accordance with the American Society of Testing and Materials (ASTM) standard E2187-04, “standard test method for measuring the ignition strength of cigarettes.”

Cigarette varieties must be tested using the ASTM International specification E2187-04, Standard Test Method for Measuring the Ignition Strength of Cigarettes.

- Testing must be conducted on 10 layers of filter paper.
- Forty replicate tests shall constitute a complete test trial for each cigarette variety tested.
- For a cigarette variety to be declared to have reduced ignition propensity, no more than 25 percent of the cigarettes in a complete test trial conducted in accordance with an ignition propensity testing method described in this section shall exhibit full-length burns.
- A cigarette listed in a certification using lowered permeability bands in the cigarette paper to achieve compliance with the fire safety performance standard described in this section must have:
  - At least two nominally identical bands on the paper surrounding the tobacco column.
    - If the bands are not positioned on the cigarette by design, at least one complete band must be at least 15 millimeters from the lighting end of the cigarette.
    - If the bands are positioned on the cigarette by design, the cigarette must have at least two bands that are entirely located at least 15 millimeters from the lighting end.
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- **If the cigarette is filtered**, bands must be located at least 10 millimeters from the filter end of the tobacco column.

- **If the cigarette is non-filtered**, bands must be located at least 10 millimeters from the labeled end of the tobacco column.

The laboratory that conducts ignition propensity testing must have a quality control and assurance program. The program shall be designed to ensure the testing repeatability value for all test trials used to certify a cigarette variety. The repeatability value of ignition propensity testing may not be greater than 0.19.

For more information on alternative testing methods, please see RCW 19.305.020(3).

**Certification Requirements**

Per [RCW 19.305.030](#), each manufacturer shall submit to the state director of fire protection a written certification attesting that each cigarette brand sold by them in the state of Washington is in compliance with all testing requirements and performance standards set forth by [RCW 19.305](#).

Please send applications with required documents to:

**Office of the State Fire Marshal**
**Fire Safe Cigarettes Program**
PO Box 42600
Olympia, WA 98504-2600
Or e-mail to firesafecigarettes2@wsp.wa.gov

**Renewal Requirements**

Per [RCW 19.305.030](#)(4)(5)(6), all manufacturers shall renew the certification of each cigarette brand sold, or offered for sale to any person located in the state of Washington every three years, or any time a change is made to the cigarette that is likely to alter its compliance with the reduced ignition propensity standards required by [RCW 19.305](#).