

**SUBPART D - National Emission Standard for Beryllium Rocket Motor Firing**  
(Delegation Effective 11/8/76)

**RULE 361.40. APPLICABILITY**

The provisions of this subpart are applicable to rocket motor test sites. **"New Sources"** for this subpart are those sources commencing construction or modification after December 7, 1971.

**RULE 361.41. DEFINITIONS**

Terms used in this subpart are defined in Subpart A of this regulation, or in this rule as follows:

- (a) **"Rocket Motor Test Site"** means any building, structure, facility, or installation where static test firing of a beryllium rocket motor and/or the disposal of beryllium propellant is conducted.
- (b) **"Beryllium Propellant"** means any propellant incorporating beryllium.

**RULE 361.42. EMISSION STANDARD**

- (a) Emissions to the atmosphere from rocket-motor test sites shall not cause time-weighted atmospheric concentrations of beryllium to exceed 75 microgram minutes per cubic meter of air within the limits of 10 to 60 minutes, accumulated during any 2 consecutive weeks, in any area in which an effect adverse to public health could occur.
- (b) If combustion products from the firing of beryllium propellant are collected in a closed tank, emissions from such tank shall not exceed 2 grams per hour and maximum of 10 grams per day.

**RULE 361.43. EMISSION TESTING - ROCKET FIRING OR PROPELLANT DISPOSAL**

- (a) Ambient air concentrations shall be measured during and after firing of a rocket motor or propellant disposal and in such a manner that the effect of these emissions can be compared with the standard. Such sampling techniques shall be approved by the Control Officer.
- (b) All samples shall be analyzed and results shall be calculated within 30 days after samples are taken and before any subsequent rocket motor firing or propellant disposal at the

given site. All results shall be reported to the Control Officer by a registered letter dispatched before the close of the next business day following determination of such results.

(c) Records of air sampling test results and other data needed to determine integrated intermittent concentrations shall be retained at the source and made available, for inspection by the Control Officer, for a minimum of 2 years.

(d) The Control Officer shall be notified at least 30 days prior to an air a sampling test, so that he may at his option observe the test.

#### **RULE 361.44. STACK SAMPLING**

(a) Sources subject to Rule 361.42(b) shall continuously sampled, during release of combustion products from the tank, in such a manner that compliance with the standards can be determined. The provisions of Rule 361.14 shall apply.

(b) All samples shall be analyzed, and beryllium emission shall be determined within 30 days after samples are taken and before any subsequent rocket motor firing or propellant disposal at the given site. All determinations shall be reported to the Control Officer by a registered letter dispatched before the close of the next business day following such determinations.

(c) Records of emission test results and other data needed to determine total emissions shall be retained at the source and made available, for inspection by the Control Officer for a minimum of 2 years.

(d) The Control Officer shall be notified at least 30 days prior to an emission test, so that he may at his option observe the test.