

**REGULATION 11
HAZARDOUS POLLUTANTS
RULE 4
BERYLLIUM ROCKET MOTOR FIRING**

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**REGULATION 11
HAZARDOUS POLLUTANTS
RULE 4
BERYLLIUM ROCKET MOTOR FIRING**

11-4-100 GENERAL

11-4-101 Description: The purpose of this Rule is to control the emission to the atmosphere of beryllium from rocket motor firing.

11-4-200 DEFINITIONS

11-4-201 Beryllium Propellant: Any propellant incorporating beryllium which undergoes combustion to provide rocket propulsion.

11-4-202 Rocket Motor Test Site: Any plant or installation where static test firing of a beryllium rocket motor and/or the disposal of beryllium propellant is conducted.

11-4-300 STANDARDS

11-4-301 Emissions From Test Sites: A person shall not emit combustion products from rocket motor test sites which cause time weighted atmospheric concentrations of beryllium to exceed 75 microgram minutes per m³ 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.

11-4-302 Emissions From Closed Tanks: A person shall not emit beryllium propellant combustion products from a closed tank in excess of 2 g per hour and maximum of 10 g per day.

11-4-400 ADMINISTRATIVE REQUIREMENTS

11-4-401 Notification to APCO of Sampling or Emission Tests: The APCO shall be notified at least 30 days prior to an air sampling test or emission test required by Sections 11-4-301 and 11-4-302 in order to have the option to conduct or observe the test.

11-4-402 Measuring and Sampling: A person responsible for the firing of a beryllium rocket motor subject to Section 11-4-301 shall measure ambient air concentrations during and after firing and shall continuously sample combustion product from a tank subject to Section 11-4-302 so that compliance with standards can be determined.

11-4-600 MANUAL OF PROCEDURES

11-4-601 Test Methods: Test methods and procedures for air sampling test and emission tests required in Section 11-4-402 are specified in the Manual of Procedures, Volume VI, Section 4.
(Amended March 17, 1982)