A8.5. Package Pyrophoric Liquid Materials (Class 4.2) as follows: See also A3.3.4.2.

A8.5.1. Steel or Nickel Cylinders. Specification steel or nickel cylinders prescribed for any compressed gas except acetylene having a minimum design pressure of 1206 kPa (175 psig);

for UN3194 inorganic pyrophoric liquids DOT 3AL cylinders constructed of aluminum alloy 6061-T6 with a minimum marked service pressure of 1,800 psig and a maximum water capacity of 49 liters (13 gal) may be used. The following applies:

A8.5.1.1. Ensure cylinders with valves are equipped with steel valve protection caps or collars, or

A8.5.1.2. Pack in wooden box (4C1, 4C2, 4D, or 4F), fiberboard box (4G), or plastic box (4H1 or 4H2). Secure cylinders to prevent movement in the box and when offered for transportation, load so that the pressure relief devices remain in the vapor space of the cylinder.

A8.5.2. Steel boxes (4A), aluminum boxes (4B), wooden boxes (4C1, 4C2), plywood boxes (4D), reconstituted wood boxes (4F), fiberboard boxes (4G), or metal boxes, other than steel or aluminum (4N); steel drums (1A1 or 1A2), aluminum drums (1B1 or 1B2), plywood drums (1D), fiber drums (1G); or metal drums, other than steel or aluminum (1N1 or 1N2); or steel jerricans (3A1 or 3A2), or aluminum jerricans (3B1 or 3B2); with not more than four strong, tight metal cans with inner receptacles of glass or metal. Inner receptacles may not be over 1 L (0.3 gallons) capacity each. Inner receptacles require a positive screw cap closure with gasket. Cushion inner packagings on all sides with dry, incombustible absorbent material in a quantity sufficient to absorb the entire contents. Close the strong, tight metal cans by positive means, not by friction.

A8.5.3. Steel drums (1A1 or 1A2), aluminum drums (1B1 or 1B2), fiber drums (1G), or metal drums, other than steel or aluminum (1N1 or 1N2); or steel jerricans (3A1 or 3A2), or aluminum jerricans (3B1 or 3B2); or steel boxes (4A), aluminum boxes (4B) or metal boxes, other than steel or aluminum (4N) not exceeding 220 L (58 gallons) capacity each with inner metal cans not over 4 L (1 gallon) capacity each, closed by positive means, not by friction.

A8.5.4 Combination packagings consisting of the following:

A8.5.4.1. Inner packaging. A 10 liter or 20 liter UN1A1 drum fabricated from stainless steel which has been certified to PG I having a minimum wall thickness of 1.9 mm; 4 each National Pipe Thread (NPT) or Vacuum Coupling Radiation (VCR) openings, each with a diameter of 6.3 mm; and, be fitted on the upper head with a center opening with a maximum diameter of 68.3 mm and the opening sealed with a threaded closure fabricated from 316 stainless steel. No more than two (2) inner drums may be placed inside the outer drum.

A8.5.4.2. Outer packaging. A UN1A2 drum certified to the PG I performance level and a capacity not to exceed 208 L (55 gal). The drum must have a minimum wall thickness of 1.0 mm and the top head must be closed with a steel closing ring with a minimum thickness of 2.4 mm. **(T-0)**. No more than two (2) inner drums described in paragraph A8.5.4.1. may be placed inside the outer drum.