

# Preparation of Halon Cylinders for Transport/Dispatch

## 1. Labeling:

Each container must be labeled with the hazard label 2,2.



The following information should be contained on a wear-resistant label on every cylinder:

**Hazardous Waste Designation/Description**

**UN nr.**

**Waste Type nr.**

**Cylinder nr./Total nr. of cylinders**

**Declaration nr.**

According to the waste type, use the following designations:

<b>Hazardous Waste</b>	<b>UN.-nr.</b>	<b>Waste type nr.</b>
Halon 1301 (R13B1)	UN 1009	7230
Halon 1211 (R12B1)	UN 1974	7230

**Handling fee:**

Dispatch of unsafely secured waste containers can result in an extra handling fee evaluated per case.

## 2. Securing and packing of containers:

### 2a. Spherical containers:

A plate should be fastened/bolted to each spherical container as shown in *Picture 1*. We can be of assistance in obtaining the plates for a fee (cost of plates). The spherical containers should be fastened to a pallet with the plate side facing up.

The plate ensures that the container's release mechanism is protected and that a possible blowout will be controlled. Remember to place labels!



*Picture 1. Spherical halon container w/bolted plate.*

## **2b. Cylinders:**

Cylinders should be placed in steel cages making sure all valves face up. In addition, the valve must be protected in order to minimize danger for blowout. **All valve ends must be closed with its corresponding fitting and a protective cap must be utilized.**



*Picture 2. Correct labeling and packing of halon cylinders.*



*Picture 3. Correct labeling and packing of halon cylinders.*

***Incorrect packing of halon containers***



*Picture 4. Loose cylinders on a pallet*



*Picture 5. Unprotected valves*

## 2c. Hand-held Extinguishers:

Hand-held extinguishers must be placed in an upright position in an enclosed pallet. The pallets may be stacked, if and only if, the height of the edges of the pallets is higher than the height of the tallest extinguisher contained in that pallet. There must be good space between each pallet in order to prevent any damage to the valve mechanisms.



Picture 6. Correct packing of hand-held extinguishers. NOTE: unable to stack on this pallet.