

Abstract

Cold storage refers to refrigerated or frozen storage facilities.

Cold stores can be used in rooms, homes, supermarkets, and warehouses

for a variety of purposes such as storing foods, pharmaceuticals and medicines, ambient products, chilled products, and frozen products.

Cold storage facilities carry all the same potential dangers as a standard warehouse, as well as a few special risks and fire hazards that have to be dealt with.

Risk assessment shows the kind of approach a cold storage warehousing might take.

There is problem due to leakage of ammonia, hazardous gases which may lead to many disasters in the warehouse.

In the cold storage area(-70 to +60 degree Celsius) we are facing maximum number of problems because of leakage of ammonia which is used instead of CFC , to produce more efficiency but it more harmful to humans and living creatures. Electronics used in the cold storage is getting damage due to the increase in the moisture level and the fire incidents are taking place frequently. However it is in the large commercial places , the cold storage can be transmitted from one area to another area it should be monitored.

Flow Chart

