

#### **C57.93-2007**

##### **WARNING**

After the access-hole cover is removed, the transformer should not be entered until the shipping gas (including dry air) is completely purged with breathable dry air that has a maximum dew point of  $-45^{\circ}\text{C}$ . The oxygen content must be between 19.5% and 23% before entering the tank. Carbon monoxide levels should also be monitored and maintained at a level less than 25 ppm. The lower explosive limit (LEL) should be less than 20%. This replacement of gas with dry breathable air is necessary to provide sufficient oxygen to maintain good air quality and sustain life. If the unit was initially shipped in dry nitrogen, there is a possibility of trapped nitrogen pockets. In this case, a sufficient vacuum should be held for a predetermined period of time and the vacuum released with and refilled with dry breathable air. Shipping gas can be effectively removed from the tank by temporarily filling with dry oil, or by partially evacuating the tank to remove the shipping gas.

#### **C57.152-2013**

##### **WARNING**

After the access/manhole cover is removed the transformer should not be entered until the shipping gas (including dry air) is completely purged with breathable dry air that has a maximum dew point of  $-45^{\circ}\text{C}$ . The oxygen content must be between 19.5% and 23% before entering the tank. Carbon monoxide levels should also be monitored at a level less than 25 ppm. The lower explosive level should be less than 20%. The replacement of gas with dry air is necessary to provide sufficient oxygen to sustain life. If the unit was initially shipped in dry nitrogen, there is a possibility of trapped nitrogen pockets. In this case, a sufficient vacuum should be held for a predetermined period of time and vacuum released with and refilled with dry breathable air.

#### **C57.125d6.0**

##### **WARNING**

After the access/manhole cover is removed, do not enter the transformer until the gas space (including shipping gas such as nitrogen or dry air) is completely purged with breathable dry air that has a maximum dew point of  $-45^{\circ}\text{C}$ . The oxygen content must be between 19.5% and 23% before entering the tank. The carbon monoxide level needs to be monitored at a level less than 25 ppm. The lower explosive level needs to be less than 20%. The replacement of gas with dry air is necessary to provide sufficient oxygen to sustain life. If the unit was initially shipped in dry nitrogen, there is a possibility of trapped nitrogen pockets. In this case, a sufficient vacuum should be held for a predetermined period of time and vacuum released with and refilled with dry breathable air.

#### **C57.93 Draft 1.2**

##### **WARNING**

After the access-hole cover is removed, the transformer should not be entered until the shipping gas (including dry air) is completely purged with breathable dry air that has a maximum dew point of  $-45^{\circ}\text{C}$ . The oxygen content must be between 19.5% and 23% before entering the tank. Carbon monoxide levels should also be monitored and maintained at a level less than 25 ppm. The lower explosive limit (LEL) should be less than 20%. This replacement of gas with dry breathable air is necessary to provide sufficient oxygen to maintain good air quality and sustain life.