WHAT IS CLAIMED IS:

1. An apparatus that utilizes high-pressure air therein, comprising:

a main body;

an air pipe configured to be supplied with high-pressure air from a high-pressure air supply source and supply the high-pressure air into the main body;

a filter configured to remove oil contained in the high-pressure air flowing through the air pipe;

a gas detector configured to detect an organic gas derived from oil and contained in the high-pressure air that has passed through the filter;

an auxiliary gas detector disposed in the air pipe and configured to detect the organic gas contained in the high-pressure air prior to passing through the filter; and

a reporting unit configured to report, when the gas detector detects the organic gas contained in the high-pressure air, that the high-pressure air is mixed with the oil.

2. The apparatus according to claim 1, wherein

the high-pressure air supply source that supplies the air pipe with the high-pressure air is an air compressor.

3. The apparatus according to claim 1, further comprising:

a shut-off valve configured to stop the flow of the high-pressure air in the air pipe if the reporting unit reports that the high-pressure air is mixed with the oil.

~~4. The apparatus according to claim 1, further comprising:~~

~~an auxiliary gas detector disposed in the air pipe and configured to detect an organic gas contained in the high-pressure air prior to passing through the filter.~~

4. An apparatus that utilizes high-pressure air therein, comprising:

a main body;

a first air pipe configured to be supplied with high-pressure air from a first high-pressure air supply source and supply the high-pressure air into the main body;

a first filter configured to remove oil contained in the high-pressure air flowing through the first air pipe;

a first gas detector configured to detect an organic gas derived from oil and contained in the high-pressure air that has passed through the first filter;

a first auxiliary gas detector disposed in the

first air pipe and configured to detect the organic gas contained in the high-pressure air prior to passing through the first filter;

a second air pipe configured to be supplied with high-pressure air from a second high-pressure air supply source and supply the high-pressure air into the main body;

a second filter configured to remove oil contained in the high-pressure air flowing through the second air pipe;

a second gas detector configured to detect an organic gas derived from oil and contained in the high-pressure air that has passed through the second filter; and

a second auxiliary gas detector disposed in the second air pipe and configured to detect the organic gas contained in the high-pressure air prior to passing through the second filter;

the first gas detector and second gas detector electrically connected to a reporting unit configured to report, when the first gas detector or second gas detector detects the organic gas contained in the high-pressure air, that the high-pressure air is mixed with the oil.

5. The apparatus according to claim 4, wherein the high-pressure air supply source that supplies the air pipe with the high-pressure air is an air compressor.

6. The apparatus according to claim 4, further comprising:

a three-way valve connected to a portion of the first air pipe downstream of the first gas detector and a portion of the second air pipe downstream of the second gas detector; and

an inner pipe extending into the main body of the apparatus,

for selectively connecting the first air pipe and the second air pipe to the inner pipe.

7. The apparatus according to claim 6, wherein if the organic gas contained in the high-pressure air is detected by the first gas detector, the reporting unit

reports that the high-pressure air is mixed with the oil; and

switches the three-way valve to supply high-pressure air from the second high-pressure air supply source to the apparatus; and

the second gas detector monitors the high-

pressure air flowing through the second air pipe.

8. The apparatus according to claim 7, wherein

if the organic gas contained in the high-pressure air is detected by the second gas detector, the reporting unit

reports that the high-pressure air is mixed with the oil; and

switches the three-way valve to supply high-pressure air from the first high-pressure air supply source to the apparatus; and

the first gas detector monitors the high-pressure air flowing through the first air pipe.