July 15, 2016

**The request of “Assurance to comply with the Funai's rule voluntarily banning or restricting substances”**

Dear valuable business partners

Thank you for your continuous support for our chemical content management and products reliability as always.

This letter is to announce that we will establish the rule of the voluntary banning or restricting substances and add the "Red Phosphorus" as subject substances on them, from August 1st, 2016.

The "Red Phosphorus" is used in the plastics as a flame retardant.

But The "Red Phosphorus" will produce some phosphoric acid by reacting with Oxygen and moisture in the air, and it makes the isolation performance of plastics to decrease. At the same time, the "Red Phosphorus" will generate the ion migrations by being applied the electric field. In the result of them, the short circuit will occur and get smoking or ignition.

Also, the information that some accidents are thought to be due to “Red Phosphorus” is publicly disclosed by the NITE (National Institute of Technology and Evaluation) in Japan.

On the other hand, some of our customers are starting to ban the usage of "Red Phosphorus" voluntary, even though it is not prohibited by laws or regulations.

In response to circumstances, we decided that we will control the “Red Phosphorus” as the voluntarily banning or restricting substances.

Therefore, we would like your submitting of the “Assurance to comply with the Funai's rule voluntarily banning or restricting substances” at newly introduction of the below subject parts or in accordance with our requirement.

On Funai side, we will confirm your submitted assurance and we will have the water-soluble phosphorous detection as screening test for the samples.

Because the “Red Phosphorous” is the water-soluble phosphorous, and it may cause of ion migration with the phosphoric acid by reacting with the moisture.

When it is detected, we will determine that the parts include the “Red Phosphorous” or some water-soluble phosphorous. And then the parts will be prohibited to use for our products.

We would appreciate your continued cooperation for our chemical content survey in the days ahead.

The Subject Parts;

1. Cables

(The parts that initial letter of Funai parts number is "W".)

1. Wire harnesses

(The parts that initial letter of Funai parts number is "W".)

1. Plugs/Jacks, Connectors, etc.

(The parts that initial letter of Funai parts number is "J".)

1. The parts that are requested to submit by Funai.

\*To exclude the Phosphorus added in a metal.

The method of detection for the water-soluble phosphorous

Test Reagent: PACKTEST Phosphate (Low Range)

WAK-PO4(D) KYORITSU CHEMICAL-CHECK Lab.,Corp.

Test Method: Immersing the grinded plastics in the pure water and execute the PACKTEST for the supernatant solution.

Respectfully yours

Products Reliability Division

FUNAI ELECTRIC CO., LTD.