

## Letter of Guarantee on Hazardous substance To Environments

1. Our company presents this letter of guarantee on the hazardous substance to environments to guarantee the environmental friendly of our products to respond the international regulation on hazardous substance to environments.
  2. 'Phosphorus' which is included in Copper and Copper Alloy products manufactured by our company may be described as follows
    - 1) As toxic material, 'Red' phosphorous, 'Yellow' phosphorous and 'White' phosphorous are never used in manufacturing process of Copper and Copper Alloy products.
    - 2) Phosphorus which is included in Copper and Copper Alloy products are state of metal and that are stable condition which is combined with other metal. So, there are no flow out, leak and segregation.  
State of metal phosphorus : Honeysuckle alloy figures
      - Chemical Formula :  $Cu_3P$
      - Chemical Composition : Cu-15%.
- ※ Reference : C12200(Phosphorus-Deoxidized) in Copper pipes used for potable drinking water contains phosphorus inside which is proved to be harmless to human.
3. Poongsan guaranteed the above statements to be true.

Company : POONGSAN CORPORATION  
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