

Revision record of Green Procurement Management Standard for Chemical Substances 4th edition

Major items changed from 3rd to 4th edition

1. Changed “The Environment-related Substances to be Controlled in Parts and Materials” from 32 to 25 groups

Banned Substances (8 to 7), Restricted Substances (10 to 9), Controlled Substances(10 to 9)

> Deleted Substances Groups :

Mirex, Specified amine compounds, Magnesium, Copper and its compounds, Gold and its compounds, Palladium and its compounds, Silver and its compounds.

> Modified Substances Group :

Tributyl Tins & Triphenyl Tins from Restricted Substances to Banned Substances
Nickel and its compounds to Nickel (external applications only).

[Related Items in the document]

> Appended Table A in “3.4. The Management Standard for the Environment-related Substances to be Controlled in Parts and Materials”

> Appended “...then the permitted values are shown in Table 1 (2) and clause 6.2” in 3.6. The Management standard for Restricted Substances

> In Table 1,

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|--------------------------|--|
| 1. Banned Substances | : Appended Tributyl Tins & Triphenyl Tins from Restricted Substances |
| 2. Restricted Substances | : Appended column “Permitted Value” and “In reference to JIG-101...” in the Applicable Laws and Regulations of Vinyl Chloride Polymer (PVC). |
| 3. Controlled Substances | : modified “Nickel and its compounds” to “Nickel (external applications only)”, “Examples of Use”, appended the notes beneath the table. |

2. “4. Cooperation in Supplier Survey”

4.3. Survey Substances

Modified as “1) Survey substances shall be containing in parts and materials are shows in Table 1. In this table, there are 25 substances including 7 banned, 9 restricted and 9 controlled substances. (24 substances are the same one as JIG, and 1 substance Formaldehyde as restricted substances are added by HPK originally.)”

3. “Table 2-2. The Environment-related Substances to be Restricted use or non-use in process for Parts and Materials shipped to HPK ”Chlorinated Organic Solvent””

Appended explanations about Management Level 1 to 3, The date on or after which HPK won't accept the target, and note about exception of level 1.

4. “Table 3. Management Level for Restricted Substances”

1) Appended the past “The date on or after which HPK won't accept the target” as for Management level 1 on each substance.

2) Deleted “Tributyl Tins & Triphenyl Tins”.

3) As for “3. Lead and its Compounds”:

Appended “Lead that exceeded 1000 ppm in stabilizers used for electroless gold plating as well as electroless nickel plating and lead contained in additives” on Level 1, “Lead that not exceeded 1000 ppm in stabilizers used for electroless gold plating as well as electroless nickel plating and lead contained in additives” on Level 3.

4) As for “5. Polyvinylchloride (PVC)”:

Changed “The date on or after which HPK won't accept the target “ to “Apr. 1 2009” on Level 2.