

【Documents Change History】

RIM Green Procurement Guideline and Related Documents Change History

Document name	Date	Change Details
Guideline Table Format	2016.4.1	Completely revised
Table 1,2,6	2017.4.1	No.3 Polychloronaphthalenes $cl=>3 \rightarrow cl=>1$
Table 2	2017.11.20	Period when delivery is prohibited
Guideline Table1.2,6	2018.11.1	AIS-->chemSHERPA BNST is canceled
Table1.2,6	2019.5.1	Halogen contained Polymer is added
Table 1, 2, 3, 6, 10	April 2020	<p>(1) Excluded application of lead and its compounds applicable conditions for "lead contained in solder necessary for reliable electrical connection between internal semiconductor die and carrier of intergated circuit package (flip chip)" were added.</p> <p>(2) The name of "perfluorooctanoic acid (PFOA) and its salts and esters "has been changed to "perfluorooctancoic acid (PFOA) - related substances", and management standards and substances such usage and application examples, content thresholds, etc. The detail list was changed.</p> <p>(3) Added management standards for products that are not subject to EU RoHS directives for "bis (2-ethylhexyl) phthalate (DEHP), butyl benzyl phthalate (BBP), dibutyl phthalate (DBP), diisobutyl phthalate (DIBP)" The management standard of wood was changed.</p>
Table 1, 2, 6, 10, 12	March 2022	<p>(1) Add the following 2 substances to the list of substances of which inclusion is banned.</p> <ul style="list-style-type: none"> <li>•Perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9-C14 PFCAs), their salts and C9-C14 PFCA-related substances</li> <li>•Phenol,isopropylated phosphate (3:1) (PIP (3:1))</li> </ul> <p>(2) In table 2, Perfluorooctanoic acid (PFOA) and any related substances, Change management standards which are substances name, exemptions, examples of purposes and uses.</p> <p>(3) In table 2, Polybrominated Diphenyl ethers (PBDEs), Change threshold value.</p> <p>(4) In table 2, Hexabromocyclododecane (HBCDD), Change threshold value.</p> <p>(5) Add 2 substances described in the above (1) to Table 6.</p> <p>(6) In Appendices Table 10: List of applicable Perfluorooctanoic acid (PFOA) and any related substances, correct the definition of above substances since subjected regulation is changed from EU REACH regulation to EU POPs regulation.</p> <p>(7) Add Appendices Table12. Typical perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9-C14 PFCAs), their salts and C9-C14 PFCA-related substances.</p>
Format 2	October 2022	In Format 2, The object substances changed from Table 4 and Table 5 to Table 5.

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Table 2, 3	September 2023	<p>1. Revision history Reflected the revision of laws and regulations related to chemical substances in products.</p> <p>2. Main revisions (1) The management standards for the following substances in Table 2, such as exempted uses, etc., were changed.</p> <ul style="list-style-type: none"> <li>* Mercury and mercury compounds Some exemptions were deleted or changed and deadlines were added.</li> <li>* Perfluorooctanoic acid (PFOA) and any related substances Some exemptions removed.</li> <li>* Perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9-C14 PFCAs), their salts and C9-C14 PFCA-related substances Some exemptions removed.</li> </ul> <p>(2) Added note to Table 2 "Polymers containing halogens in the structure and polymers with halogen compounds added".</p> <p>(3) Table 3 was deleted and the management standards for packaging materials were reflected in Table 2.</p>
Table 1,2,3,6	December 2023	<p>1. Revision history Reflected the revision of laws and regulations related to chemical substances in products. In addition, a section on substances whose inclusion is a candidate for prohibition.</p> <p>2. Main revisions (1) The following substances were added to Tables 1, 2, and 6 due to the addition of substances whose inclusion is banned.</p> <ul style="list-style-type: none"> <li>• Perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related compounds</li> </ul> <p>(2) The management standards for the following substances in Table 2, such as applications, use cases, threshold values, etc.</p> <ul style="list-style-type: none"> <li>• Cadmium and cadmium compounds</li> <li>• Lead and lead compounds</li> <li>• Mercury and mercury compounds</li> </ul> <p>(3) List of substances whose inclusion is candidate for prohibition is newly established as Table 3</p>

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Table 1,2,3	May 2024	<p>1. Revision history Reflected the revision of laws and regulations related to chemical substances in products.</p> <p>2. Main revisions</p> <p>(1) Addition of Inclusion prohibited substance</p> <ul style="list-style-type: none"> <li>•Dechlorane Plus</li> <li>•UV-328</li> </ul> <p>(2) The management standards for the following substances in Table 2, such as applications, Substance name, exempted uses, threshold values, etc.</p> <ul style="list-style-type: none"> <li>•Lead and Lead Compounds</li> <li>•Polymers in which halogens are contained structurally and polymers to which halogenated compounds are added</li> <li>•Perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9-C14 PFCAs), their salts and C9-C14 PFCA-related substances</li> <li>•Phenol, isopropylated phosphate (3:1) (PIP (3:1))</li> </ul> <p>(3) Addition of Inclusion prohibited candidate substance •Per- and polyfluoroalkyl substances (PFAS)</p>