Revisions	Partial revision

Number	

Responsible Dept.：Material Procurement Dept.

Regulation code：E－MAB－C007－10－E(10)

Revision： Jan 08, 2021

Name：Standards for Green Procurement and Controlled Substances

Part	Contents	
	(Old)	(New)
Cover	(Revised parts) Examined Mayumi, Product Development Dept.2 Akimoto, Product Development Dept.3 Iwata, Chief Quality and Environmental Officer Ito, Quality Assurance Dept.1 Koyama	(Revised parts) Examined Takayama, Product Development Dept.2 Ebihara, Product Development Dept.3 Iwata, Chief Quality and Environmental Officer Ito, Quality Assurance Dept.1 Watabiki
1/9	2.3 Definitions of terms (1) Environment prohibited substances If a prohibited substances is duplicated, choose the substance that is listed in stricter prohibited classification.	2.3 Definitions of terms (1) Environment prohibited substances If there are multiple classifications of environmentally prohibited substances (prohibited substances A / B / C), comply with the strict thresholds and regulationsHowever, if there is a special instruction, follow it.
2/9	2.3 (4) Intentional use This means that any of parts, materials, sub-materials, and packaging materials, which form a relevant product,	2.3 (4) Intentional use Regardless of the amount, this means that any of parts, materials, sub-materials, and packaging materials, which form a relevant product, contains a substance that is intentionally added or filled for the purpose of exercising its performance or function.
3/9	3.2 Preferential measures Only when it is impossible to observe the regulations described in 3.1 above due to unavoidable reasons such as insufficient economics/technology/compliance period, after satisfying conditions for approval described below, obtain approval of our Environmental Manager by means of Application for Permission to Use Environment Prohibited Substance (Appendix-6)	3.2 Preferential measures Only when it is impossible to observe the regulations described in 3.1 above due to unavoidable reasons such as insufficient economics/technology/compliance period,
4/9	3.2 Preferential measures (5) In case any material/part contains any environment prohibited substance (prohibited substance A, B, or C) as an impurity level, a minute additive, or a small amount of byproduct, please submit "Application for Permission to Use Environment Prohibited Substance."	3.2 Preferential measures (5) Reporting impurity level, small amount of byproduct, and the like When Pb is detected at least 50ppm, when Cr^{6+}, Hg, PBB, PBDE, or Phthalate esters is detected at least 500ppm

※The above contents shall come into effect immediately after distribution.。

※ In the case where two or more Notices of Partial Revisions have been issued before implementation of the overall revision, the respective contents identified by the revision numbers shall be regarded as effective.

Rev.0 Mabuchi Motor Co., LTD

Revisions	Partial revision

Number	

Responsible Dept.: Material Procurement Dept.

Regulation cod: E－MAB－C007－10－E(10)

Name: Standards for Green Procurement and Controlled Substances Revision : Jan 08, 2021 (2/12)

Part	Contents	
	(Old)	(New)
5/9	(Revised parts) 3.5.3 Procedure for submission (1) Any detailed analysis data (analysis report), the date of the issuance of which is within one year from the date of preparing a document on application for/revision of Product Specification (2) The effective period of the data is one year. Therefore, you need to update the data every year. (However, you don't need to update the data if you submitted it in applying for any process change.)	(Revised parts) 3.5.3 Procedure for submission (1) Please submit any detailed analysis data (analysis report), the date of the issuance of which is within one year from the date of preparing a document on application for/revision of Product Specification or its equivalent. (2) If the change in the process change application (Q-MAB-D012 Attachment 4) is applicable, please submit new precision analysis data. * Changes or additions of raw material manufacturers, changes related to environmentally prohibited substances.
6/9 7/9	4.1.1 (3) Notes column (As of October 2017) 4.2.7(7) Be sure to make entries of official substance names in case any of the following substances are included in your article to be delivered to us: chemical substances specified in Appendix – 1 "List of Environment Prohibited Substances";	4.1.1 (3) Notes column (As of September 2020) 4.2(7) If chemical substances in Attachment-1 "List of Environmentally Banned Substances", in the latest European REACH Regulation,
[Appendix -1]	I. "Prohibited Substances A": Immediate Prohibition of Use Required Substances Reference number, Substance name, Relevant list A1 Asbestos IEC62474, GADSL A2 Specific azo compounds (Azo compounds generating some aromatic amines) IEC62474, GADSL A3 Ozone-depleting substances (such as CFCs, HCFCs, HBFCs, and carbon tetrachloride), IEC62474, GADSL A4 PCB (polychlorinated biphenyls) IEC62474, GADSL A5 PCN (polychlorinated naphthalenes) IEC62474, GADSL A6 CP (chlorinated paraffins) IEC62474, GADSL	I. "Prohibited Substances A": Immediate Prohibition of Use Required Substances Reference number, Substance name, Relevant list A1 Asbestos Enforcement Order of Industrial Safety and Health Act, European regulation A2 Specific azo compounds (Azo compounds generating some aromatic amines) GADSL, European regulation, German federal regulations A3 Ozone-depleting substances (such as CFCs, HCFCs, HBFCs, and carbon tetrachloride) Montreal Protocol A4 PCB (polychlorinated biphenyls) POPs Convention, Chemical Substances Control Act, European regulation A5 PCN (polychlorinated naphthalenes) POPs Convention, Chemical Substances Control Act A6 CP (chlorinated paraffins) POPs Convention, Chemical Substances Control Act

※The above contents shall come into effect immediately after distribution.。

※In the case where two or more Notices of Partial Revisions have been issued before implementation of the overall revision, the respective contents identified by the revision numbers shall be regarded as effective.。

Revisions	Partial revision

Number	

Responsible Dept.：Material Procurement Dept.

Regulation code：E－MAB－C007－10－E(10)

Name：Standards for Green Procurement and Controlled Substances

Revision： Jan 08, 2021 (3/12)

Part	Contents	
	(Old)	(New)
[Appendix-1]	(Revised parts) A7 Tri-substituted organostannic compounds (such as tributyltin compounds and triphenyltin compounds) IEC62474, GADSL, European regulation A8 Radioactive substances IEC62474, GADSL A9 4-Aminobiphenyl and its salts GADSL A10 Benzidine and its salts GADSL A11 2-Naphthylamine and its salts GADSL A12 4-Nitrobiphenyl salts GADSL A13 Dioxins GADSL A14 Diamino-diphenylmethane GADSL A15 Halons GADSL A16 PCP (Pentachlorophenol), its salts or esters GADSL A17 PCT (Polychlorinated Terphenyls) GADSL A18 Sulfur Hexafluoride GADSL A19 Tris-(1-aziridinyl) phosphine oxide GADSL A20 Tris(2,3-dibromopropyl) phosphate GADSL A21 Vinyl chloride monomer (chloroethylene) GADSL A23 Cobalt chlorides European Directive A40 Formaldehyde GADSL A41 PAH, PCAH (polycyclic aromatic hydrocarbons) GADSL A43 Arsenic and arsenic compounds (excluding semiconductors) European Directive *1 A44 Beryllium and beryllium compounds (except beryllium copper) GADSL A49 Dichloromethane (methylene chloride)	(Revised parts) A7 Tri-substituted organostannic compounds (such as tributyltin compounds and triphenyltin compounds) GADSL, European regulation A8 Radioactive substances Radiation Hazard Prevention Act, Enforcement Order of Industrial Safety and Health Act A9 4-Aminobiphenyl and its salts Enforcement Order of Industrial Safety and Health Act A10 Benzidine and its salts GADSL, European regulation, Enforcement Order of Industrial Safety and Health Act A11 2-Naphthylamine and its salts European regulation, Enforcement Order of Industrial Safety and Health Act A12 4-Nitrobiphenyl salts Enforcement Order of Industrial Safety and Health Act A13 Dioxins POPs Convention, Chemical Substances Control Act, A14Diamino-diphenylmethaneEnforcement Order of Industrial Safety and Health Act A15Halons Montreal Protocol A16PCP (Pentachlorophenol), its salts or esters European regulation, Chemical Substances Control Act, Poisonous and Deleterious Substances Control Law A17PCT (Polychlorinated Terphenyls) European regulation A18Sulfur Hexafluoride Montreal Protocol A19Tris-(1-aziridinyl) phosphine oxideChemical Substances Control Act, A20Tris(2,3-dibromopropyl) phosphate GADSL, European regulation A21Vinyl chloride monomer (chloroethylene)GADSL, Water Pollution Prevention Act A23Cobalt chlorides European regulation A40FormaldehydeGADSL, ChemVerbotsV-Germany A41PAH, PCAH (polycyclic aromatic hydrocarbons) European regulation A43Arsenic and arsenic compounds (excluding semiconductors) European regulation A44Beryllium and beryllium compounds (except beryllium copper) Enforcement Order of Industrial Safety and Health Act A49Dichloromethane (methylene chloride)Enforcement Order of Industrial Safety and Health Act

※The above contents shall come into effect immediately after distribution.。

※ In the case where two or more Notices of Partial Revisions have been issued before implementation of the overall revision, the respective contents identified by the revision numbers shall be regarded as effective.

Number	

Rev.0 Mabuchi Motor Co., LTD

Revisions	Partial revision

Responsible Dept.: Material Procurement Dept.

Regulation code: E−MAB−C007−10−E(10)

Name: Standards for Green Procurement and Controlled Substances Revision : Jan 08, 2021 (4/12)

Part	Contents	
	(Old)	(New)
[Appendix-1]	(Revised parts) A52 Trichloroethylene A53Perchloroethylene (tetrachloroethylene) A56 HFC (hydrofluorocarbon) A57 PFC (perfluorocarbon) A58 PFOS (perfluorooctane sulfonate) and its salts European Directive A62 Benzene Enforcement Order of the Industrial Safety and Health Act A63 Beryllium oxide European Directive A64 Chloromethyl methyl ether GADSL A65 2-Methoxyethanol GADSL A66 Pentachlorobenzene GADSL A67Tetrachlorobenzene GADSL A68Sodium azide A70 Aromatic amines GADSL A71 HBCDD (Cyclododecane, hexabromo-) GADSL A72 Triethanolamine (2,2',2"-nitrilotriethanol) A73 Hexachlorocyclohexane GADSL A74 Methanol GADSL A76 Phenylendiamines and its salts GADSL A77 Trisphosphate, GADSL A96 Perchlorates California state law *2 A106 European REACH Regulation SVHC (substance Mabuchi specifies as prohibited substance A) European Regulation A107Organochlorine compounds (based on Water Quality Pollution Control Act and the like) Water Quality Pollution Control Act	(Revised parts) A52Trichloroethylene Water Pollution Prevention Act, Air Pollution Control Act A53Perchloroethylene (tetrachloroethylene) Water Pollution Prevention Act, Air Pollution Control Act A56 HFC (hydrofluorocarbon) Montreal Protocol A57 PFC (perfluorocarbon) Kyoto Protocol A58PFOS (perfluorooctane sulfonate) and its salts POPs Convention A60 Yellow white phosphorus Enforcement Order of Industrial Safety and Health Act A61Bis (chloromethyl) ether Enforcement Order of Industrial Safety and Health Act A62 Benzene Enforcement Order of Industrial Safety and Health Act, European regulation A63 Beryllium oxide European regulation A64 Chloromethyl methyl etherEnforcement Order of Industrial Safety and Health Act A65 2-Methoxyethanol ·GADSL, Prohibition of Certain Toxic Substances Regulations 2012 A66 Pentachlorobenzene POPs Convention, Chemical Substances Control Act A67 TetrachlorobenzeneGADSL, Prohibition of Certain Toxic Substances Regulations 2012 A68 Sodium azide Poisonous and Deleterious Substances Control Law A70 Aromatic amines GADSL, European regulation A71HBCDD (Cyclododecane, hexabromo-) POPs Convention, Chemical Substances Control Act, European regulation A72 Triethanolamine (2,2',2"-nitrilotriethanol) Act on the Prohibition of Chemical Weapons and Control of Specific Chemicals A73 Hexachlorocyclohexane POPs Convention, Chemical Substances Control Act A74 Methanol GADSL, Air Pollution Control Act A76 Phenylendiamines and its salts GADSL, Chemical Substances Control Act, Poisonous and Deleterious Substances Control Law A77 Specific phosphate compound and mixture European regulation A96 Perchlorates California state law, GADSL *1 A106 European REACH Regulation SVHC (substance Mabuchi specifies as prohibited substance A) European regulation A107Organochlorine compounds (based on Water Quality Pollution Control Act, etc.) Water Pollution Prevention Act

※ The above contents shall come into effect immediately after distribution.。

※In the case where two or more Notices of Partial Revisions have been issued before implementation of the overall revision, the respective contents identified by the revision numbers shall be regarded as effective.

Rev.0 Mabuchi Motor Co., LTD

Revisions	Partial revision

Number	

Responsible Dept.: Material Procurement Dept.

Regulation code: E－MAB－C007－10－E(10)

Name: Standards for Green Procurement and Controlled Substances

Revision : Jan 08, 2021 (5/12)

Part	Contents	
	(Old)	(New)
[Appendix-1]	(Revised parts) A108 Dimethyl fumarate European Directive A109 Prohibition material concerning other law restrictions (Poisonous and Deleterious Control law, Act on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals, etc. A113 Polybrominated Terphenyls (PBT), all members TSCA (Toxic Substances Control Act) A114 Restricted substances of REACH Regulation (EC) No 1907/2006 (Annex XVII) (If any of parts, materials, sub-materials, and packaging materials uses any restricted substance of REACH Regulation, and if the usage falls under conditions of restriction based on the Regulation, the use/inclusion of the substance shall be prohibited.) European Regulation A115 Dibutyltin hydrogen borate (DBB) A117 Benzenamine, N-phenyl-, reaction products with styrene and 2, 4, 4 – trimethylpentene (BNST) Canadian Regulation A122 Azocolourants and Azodyes A mixture of: disodium (6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)(1-(5-chloro-2-oxidophenylazo)-2-naphtholato)chromate(1-),trisodium bis(6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)chromate(1-) Component 1: CAS-No: 118685-33-9 C39H23ClCrN7O12S.2Na Component 2: C46H30CrN10O20S2.3Na European Regulation A123 European REACH regulation authorization substances (Phthalate esters subject to European RoHS Directive: DEHP, BBP, DBP, DIBP are excluded from A123 and prohibited substances of B36 are applied) European Regulation	(Revised parts) A108 Dimethyl fumarate European regulation A109‥Prohibition material concerning other law restrictions (Poisonous and Deleterious Control law, Act on the Prohibition of Chemical Weapons and the Regulation of Specific Chemicals, etc. Poisonous and Deleterious Substances Control Law, Act on the Prohibition of Chemical Weapons and Control of Specific Chemicals A113 Polybrominated Terphenyls (PBT), all members GADSL A114 Restricted substances of REACH Regulation (EC) No 1907/2006 (Annex XVII) (If any of parts, materials, sub-materials, and packaging materials uses any restricted substance of REACH Regulation, and if the usage falls under conditions of restriction based on the Regulation, the use/inclusion of the substance shall be prohibited.) European regulation A115 Dibutyltin hydrogen borate (DBB) European regulation A117Benzenamine, N-phenyl-, reaction products with styrene and 2, 4, 4 – trimethylpentene (BNST) GADSL、in-house standard A122 Azocolourants and Azodyes A mixture of: disodium (6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)(1-(5-chloro-2-oxidophenylazo)-2-naphtholato)chromate(1-),trisodium bis(6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)chromate(1-) Component 1: CAS-No: 118685-33-9 C39H23ClCrN7O12S.2Na Component 2: C46H30CrN10O20S2.3NaEuropean regulation A123 European REACH regulation authorization substances (4 substances of phthalates esters: DEHP, BBP, DBP, DIBP are excluded from prohibited substance A123 and added to prohibited substances of B126) European regulation

※The above contents shall come into effect immediately after distribution.。

※In the case where two or more Notices of Partial Revisions have been issued before implementation of the overall revision, the respective contents identified by the revision numbers shall be regarded as effective.

Revisions	Partial revision

Number	

Responsible Dept.: Material Procurement Dept.

Regulation code: E－MAB－C007－10－E(10)

Name: Standards for Green Procurement and Controlled Substances

Revision : Jan 08, 2021 (6/12)

Part	Contents	
	(Old)	(New)
[Appendix-1]	(Revised parts) None IEC62474: International Electro technical Commission 62474 GADSL: Global Automotive Declarable Substance List Chemical Substances Control Law: Law Concerning Examination and Regulation of Manufacture and Handling of Chemical Substances (Japan) Enforcement Order of the Enforcement Order of Industrial Safety and Health Act (Japan) Water Quality Pollution Control Act (Japan) *1: Though GADSL specifies beryllium and beryllium compounds as control substances, Mabuchi classifies them as prohibited substances A according to a customer request. However, beryllium copper is exempted from the request. 2: According to prohibition levels of other laws and regulations and the like, we are dividing SVHCs of European REACH Regulation into the following three stages: prohibited substances A, prohibited substances B, and prohibited substances C. For prohibited substances falling under the prohibited substances A106, see Appendix – 2 List of Example Environment Prohibited Substances. ※3 B29 Lead contained in steel less than 0.35w% B36 …Phthalate esters (Including DEHP, BBP, DBP, DIBP of phthalate esters subject to European RoHS Directive) less than 1,000ppm	(Revised parts) A124 ·Perfluorooctanoic acid (PFOA) and its salts, and PFOA related substances European regulation, POPs Convention A125 1-Methyl-2-pyrrolidone (N-methyl-2-pyrrolidone) European regulation A127 Perfluorooctanesulfonic acid acid (PFHxS) and its salts, and PFHxS related substances European regulation, POPs Convention A128 Chlorpyrifos Building Standards Law, In-house standard A129 5-chloro-2-methyl-4-isothiazolin-3-one GADSL <Related laws and regulations, etc.> Major European Regulation : ・European RoHS Directive (2011/65/EU) ・European ELV Directive (2000/53/EC) ・European REACH Regulation (EC) No 1907/2006 POPs (Persistent Organic Pollutants) Convention: Stockholm Convention on Persistent Organic Pollutants Chemical Substances Control Act: Law Concerning Examination of Chemical Substances and Regulation of Manufacturing (Japan) Enforcement Order of Enforcement Order of Industrial Safety and Health Act (Japan) Poisonous and Deleterious Substances Control Law (Japan) GADSL: Global Automotive Declarable Substance List 1: According to prohibition levels of other laws and regulations and the like, we are dividing SVHCs of European REACH Regulation into the following three stages: prohibited substances A, prohibited substances B, and prohibited substances C. For prohibited substances falling under the prohibited substances A106, see Appendix – 2 List of Example Environment Prohibited Substances. ※ 2 B29 Lead contained in steel less than 0.35w% B36 4 substances of phthalates esters: DEHP, BBP, DBP, DIBP are excluded from prohibited substance B36 and added to prohibited substances of B126.) ·less than 1,000ppm

※The above contents shall come into effect immediat ely after distribution.。

※In the case where two or more Notices of Partial R evisions have been issued before implementation of the overall revision, the respective contents identifi ed by the revision numbers shall be regarded as ef fective.

Rev.0 Mabuchi Motor Co., LTD

Revisions	Partial revision

Number	

Responsible Dept.: Material Procurement Dept.

Regulation code: E－MAB－C007－10－E(10)

Name: Standards for Green Procurement and Controlled Substances　　Revision : Jan 08, 2021 (7/12)

Part	Contents	
	(Old)	(New)
[Appendix-1]	(Revised parts) B59 Perfluorooctanoic acid (PFOA) and individual salts and esters of PFCA (See *4.) *5 B111 European REACH Regulation SVHCs (Substances designated as prohibited substances B by Mabuchi) (See *6.) ＊Threshold values are content rates (ppm) in homogeneous materials. *3: The lead contained in the continuous galvanized steel sheet is applied the threshold of less than 1,000 ppm of the Lead of the Prohibited Substance B28 and the lead compound. *4: Threshold values are as follows: ・0.1wt% (1,000ppm) for each individual part of a product ・0.001wt% (10ppm) for each medicine, each preparation, and each mixture ・1μg/m2 for each fabric product , each carpet product, and each coating product *5: According to prohibition levels of other laws and regulations and the like, we are dividing SVHCs of European REACH Regulation into the following three stages: prohibited substances A, prohibited substances B, and prohibited substances C. For prohibited substances falling under the prohibited substances B111, see Appendix – 2 List of Example Environment Prohibited Substances. *6: With respect to each threshold value of the substance corresponding to the prohibited substance B 111, it is applied the threshold value of the prohibited substance B that matches the exemplified substance of the prohibited substances B 24 to B 88 of "Appendix 2 List of Example Environment Prohibited Substances ". Example) Diisobutylphthatlate (DIBP): Apply the threshold value of the prohibited substance B36, Phthalate esters, namely, less than 1,000ppm. *7 C84 Cobalt and its compounds (except cobalt chloride) *7 C85 Colophony (Rosin) *7 C86 Copper (metallic) *7 C92 Nickel and its compounds (limited to those contact with skin)	(Revised parts) B59 – Unassigned Number – *3 B111 …European REACH Regulation SVHCs (Substances designated as prohibited substances B by Mabuchi) ·(See *4.) B126 4 substances of phthalates esters: DEHP, BBP, DBP, DIBP Less than 0.1wt% (Total of 4 substances) ＊Threshold values are content rates (ppm) in homogeneous materials. *2: The lead contained in the continuous galvanized steel sheet is applied the threshold of less than 1,000 ppm of the Lead of the Prohibited Substance B28 and the lead compound. *3: According to prohibition levels of other laws and regulations and the like, we are dividing SVHCs of European REACH Regulation into the following three stages: prohibited substances A, prohibited substances B, and prohibited substances C. For prohibited substances falling under the prohibited substances B111, see Appendix – 2 List of Example Environment Prohibited Substances. *4: With respect to each threshold value of the substance corresponding to the prohibited substance B 111, it is applied the threshold value of the prohibited substance B that matches the exemplified substance of the prohibited substances B 24 to B 126 of "Appendix 2 List of Example Environment Prohibited Substances ". Example) Diisobutylphthatlate (DIBP): prohibited substance B126, 4 substances of Phthalate esters: the threshold value of DEHP,BBP,DBP,DIBP , of less than 0.1 wt% (4 substances total) is applied. *5 C84 Cobalt and its compounds (except cobalt chloride) *5 C85 Colophony (Rosin) *5 C86 Copper (metallic) *5 C92 Nickel and its compounds (limited to those contact with skin)

※The above contents shall come into effect immediately after distribution.。

※In the case where two or more Notices of Partial Revisions have been issued before implementation of the overall revision, the respective contents identified by the revision numbers shall be regarded as effective.

Revisions	Partial revision

Number	

Responsible Dept.: Material Procurement Dept.

Regulation code: E－MAB－C007－10－E(10)

Name: Standards for Green Procurement and Controlled Substances Revision : Jan 08, 2021 (8/12)

Part	Contents	
	(Old)	(New)
	(Revised parts) *8 C112 SVHCs of European REACH Regulation (substances Mabuchi specifies as prohibited substances C) ＊For any substance with a specified target date for elimination, eliminate it by the specified deadline. For any substance without such deadline, make efforts to eliminate it as a prohibited substance. *7: They are exempted from "Application for Permission to Use Environment Prohibited Substance." In the case they are contained, enter their inclusion in "Report on Chemical Composition." *8: According to prohibition levels of laws and regulations and the like, we are dividing SVHCs of European REACH Regulation into the following three stages: prohibited substances A, prohibited substances B, and prohibited substances C. For substances falling under the prohibited substances C112, see Appendix -2 List of Example Environment Prohibited Substances.	(Revised parts) *6 C112 SVHCs of European REACH Regulation (substances Mabuchi specifies as prohibited substances C) ＊For any substance with a specified target date for elimination, eliminate it by the specified deadline. For any substance without such deadline, make efforts to eliminate it as a prohibited substance. *5: They are exempted from "Application for Permission to Use Environment Prohibited Substance." In the case they are contained, enter their inclusion in "Report on Chemical Composition." *6: According to prohibition levels of laws and regulations and the like, we are dividing SVHCs of European REACH Regulation into the following three stages: prohibited substances A, prohibited substances B, and prohibited substances C. For substances falling under the prohibited substances C112, see Appendix -2 List of Example Environment Prohibited Substances.
[Appendix-7]	Application for Permission to Use Environment Prohibited Substance Environmental Management Representative If there are too many entries and the space provided is insufficient, attach a separate sheet of related document. (To be stored indefinitely) Issuer (supplier name/base name/department) → Environmental Management Representative	Application for Permission to Use Environment Prohibited Substance Environmental Management Representative of the head office If there are too many entries and the space provided is insufficient, attach a separate sheet of related document. (To be stored indefinitely) Issuer (supplier name/base name/department) →Environmental Management Representative of the head office
[Appendix-2]	"List of Exampie Environment Prohibited Substances", cover page Special Note】 In using this list, prioritize both CAS No. and English substance name; Japanese and Chinese substance names are for reference only.	"List of Example Environment Prohibited Substances", cover page 【Note】 When using this List of Environmentally Prohibited Substances, give priority to CAS No. and English version.

※The above contents shall come into effect immediately after distribution.。

※In the case where two or more Notices of Partial Revisions have been issued before implementation of the overall revision, the respective contents identified by the revision numbers shall be regarded as effective.

Revisions	Partial revision

Number	

Responsible Dept.: Material Procurement Dept.

Regulation code: E－MAB－C007－10－E(10)

Name: Standards for Green Procurement and Controlled Substances

Revision : Jan 08, 2021 (9/12)

Part	Contents
[Appendix-2]	"List of Example Environment Prohibited Substances" ＜Prohibited Substances A(immediately prohibited from use)／Prohibited Substances B(substances to be restricted)／Prohibited Substances C(substances to be reduced)＞ In line with the changes in the content of "Attachment-1 List of Environment Prohibited Substances", added prohibited substances and changed prohibited categories/reference numbers/substance names. etc. (Some substances are duplicated) 1． European REACH Regulation substances to be restricted (1) Change of prohibited category/reference number (including change of applicable example substances) ①Decabromodiphenyl ether ⇒(Prohibited substance B34／B111→Prohibited substance A22／A106) ②Perfluorooctanoic acid (PFOA) and its salts, PFOA-related substances ⇒(Prohibited substance B59／B111→Prohibited substance A106／new A124) ③1-Methyl-2-pyrrolidone ⇒(Prohibited substance C55／C112→Prohibited substance A106／new A125) ④Phthalate ester 4 substances: DEHP, BBP, DBP, DIBP ⇒(Phthalate B36／B111→Phthalate B111／new B126) 2． European REACH Regulation SVHC(18th-22nd) (1) 18th SVHC Additional Substances ①Prohibited substance A : 2 substances ②Prohibited substance B : 3 substances ③Prohibited substance C : 2 substances (2) 19th SVHC Additional Substances ①Prohibited substance A : 1 substance ②Prohibited substance B : 1 substance ③Prohibited substance C : 6 substances (3) 20th SVHC Additional Substances ①Prohibited substance A : 4 substances ②Prohibited substance B : 0 substances ③Prohibited substance C : 1 substance (4) 21th SVHC Additional Substances ①Prohibited substance A : 1 substance ②Prohibited substance B : 0 substances ③Prohibited substance C : 2 substances

※The above contents shall come into effect immediately after distribution.。

※In the case where two or more Notices of Partial Revisions have been issued before implementation of the overall revision, the respective contents identified by the revision numbers shall be regarded as effective.

Revisions	Partial revision

Number	

Responsible Dept.: Material Procurement Dept.

Regulation code: E－MAB－C007－10－E(10)

Name: Standards for Green Procurement and Controlled Substances　　Revision: Jan 08, 2021 (10/12)

Part	Contents
[Appendix-2]	(5) 22th SVHC Additional Substances ①Prohibited substance A : 0 substances ②Prohibited substance B : 1 substance ③Prohibited substance C : 3 substances (6) SVHC substances that were not added in the past but have been reconsidered and decided to be added. ①Prohibited substance A : 0 substances ②Prohibited substance B : 1 substance ③Prohibited substance C : 3 substances 3．Chemical Substances Control Law (Law Concerning the Examination and Regulation of Manufacture, etc. of Chemical Substances), Class 1 Specified Chemical Substances (1) Change of prohibited category/reference number and addition of CAS No./example substances due to addition of new substances ①Polychlorinated normal paraffin (It is limited that the number of carbon is 10 to 13 and the content of chlorine is more than 48% of the total weight). ⇒Newly added to Prohibited Substance A22 with 25 kinds of CAS Nos. ⇒Added 16 example substances to Prohibited Substance A6 ②1,1'-Oxybis(2,3,4,5,6-pentabromobenzene) (synonym: Decabromodiphenyl ether) ⇒(Prohibited substance B34／B111→Prohibited substance A22／A106) (2) Added example substances to the substances regulated according to Prohibited Substance A22. ①Tetrabromodiphenylether ⇒Added 3 example substances ②Chlordane,Heptachlor,Cis-chlordane,Trans-chlordane, Gamma-chlordane,Chlordene epoxide,Chlordan technical mixture pestanal,Beta-chlordene,Gamma-chlordene⇒Added one example substance. ③Pentabromo(phenoxybenzene) (Synonym: Pentabromodiphenyl ether) ⇒Added 2 example substances ④Hexabromodiphenylether⇒added 3 example substances ⑤Heptabromobiphenylether⇒added 4 example substances 4．GADSL(Global Automotive Declarable Substance List) (1)2018/2/1 Ver1 : Changed prohibited categories/reference numbers, and added CAS No./example substances ①Prohibited substance A : 16 substances ②Prohibited substance B : 9 substances ③Prohibited substance C : 15 substances

※The above contents shall come into effect immediately after distribution.

※In the case where two or more Notices of Partial Revisions have been issued before implementation of the overall revision, the respective contents identified by the revision numbers shall be regarded as effective.

Revisions	Partial revision

Number	

Responsible Dept.: Material Procurement Dept.

Regulation code: E－MAB－C007－10－E(10)

Name: Standards for Green Procurement and Controlled Substances　　Revision: Jan 08, 2021 (11/12)

Part	Contents
[Appendix-2]	(2)2019/3/12 Ver1.1 : Changed prohibited categories/reference numbers, and added CAS No./example substances ①Prohibited substance A : 131 substances ②Prohibited substance B : 4 substances ③Prohibited substance C : 19 substances 5. Other laws and regulations, customer requirements, Mabuchi's self-regulation, correction of errors, etc. (1) Changed prohibited categories/reference numbers, and added CAS No./example substances ①Clorpyrifos : Building Standard Law/Customer Requirements ⇒(Prohibited substance C55→Newly prohibited substancesA128) ②Changed substance name cis-1,2-Dichloroethylene→1,2-Dichloroethylene : Water Pollution Control Act/Customer Requirements ⇒Added 2 types of CAS No. to Prohibited Substance A107. ③5-chloro-2-methyl-4-thiazoline-3-ketone : GADSL／Customer Requirements ⇒(Prohibited Substance C83 → Newly Prohibited Substance A129) ④4-(1,1,3,3-tetramethylbutyl)phenol,ethoxylated[covering well-defined substances and UVCB substances, polymers and homologues] : European REACH Regulation SVHC・Substances subject to authorization/customer requirements ⇒Added 4 types of CAS No. to prohibited substances A106/A123 ⑤Perfluorohexane-1-sulphonic acid and its salts : POPs Convention (Stockholm Convention)/European REACH Regulation SVHC/GADSL ⇒(Prohibited substance C112→Prohibited substance A106 : Added 4 types of CAS Nos.) ⑥Perfluorohexane sulfonic acid (PFHxS) and its salts, PFHxS-related substances : POPs Convention (Stockholm Convention)/European REACH Regulation SVHC/GADSL. ⇒Added 4 example substances to newly prohibited substances A127. ⑦4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol) : European REACH Regulation SVHC, substances subject to authorization ⇒(Prohibited substance C112→prohibited substance A106／A123) ⑧ 4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof] : European REACH Regulation SVHC, substances subject to authorization ⇒Added two example substances ⑨Sodium perborate; perboric acid, sodiumsalt: European REACH Regulation SVHC ⇒Added 2 types of CAS Nos. to Prohibited Substance C112 ⑩5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1],5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane[2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof] : European REACH Regulation SVHC ⇒Added CAS No. to Prohibited Substance C112

※The above contents shall come into effect immediately after distribution.

※In the case where two or more Notices of Partial Revisions have been issued before implementation of the overall revision, the respective contents identified by the revision numbers shall be regarded as effective.

Revisions	Partial revision

Number	

Responsible Dept.: Material Procurement Dept.

Regulation code: E－MAB－C007－10－E(10)

Name: Standards for Green Procurement and Controlled Substances　　Revision: Jan 08, 2021 (12/12)

Part	Contents
[Appendix-2]	(2) Change of substance name (Substance that is duplicated with the content of change of substance name in [Attachment-1] should not be described) ①Prohibited substances A3／A15 ⇒Chlorobromomethane ↓ Bromochloromethane ②Prohibited substances A22 ⇒Pentabromodiphenyl ether ('Penta') (note: Commercially available PeBDPO is a complex reaction mixture containing a variety of brominated diphenyloxides.) 32534-81-9 (CAS No. used for PeBDPO, a brand) ↓ Pentabromo(phenoxybenzene) (Synonym: Pentabromodiphenyl ether) 32534-81-9 ③Prohibited substances A107 cis-1,2-Dichloroethylene ↓ 1,2-Dichloroethylene

※The above contents shall come into effect immediately after distribution.

※ In the case where two or more Notices of Partial Revisions have been issued before implementation of the overall revision, the respective contents identified by the revision numbers shall be regarded as effective.

Rev.0　　Mabuchi Motor Co., LTD