

 Green Mark	Movable Partitions	No. 116
		Category No. H-10
1. Scope This standard applies to movable partitions (“product”) which meet the definition of <i>CNS 8072</i> .		
2. Terms and definitions For this standard, the following terms and definitions shall apply. (1) FSC certificate/certification: The Chain of Custody (CoC) certification/certificate issued by the Forest Stewardship Council (FSC). (2)PEFC certificate/certification: The Chain of Custody (CoC) certification/certificate issued by the Programme for the Endorsement of Forest Certification (PEFC).		
3. Product characteristics 3.1 The product’s flame resistance shall meet the Class-I requirement as defined in <i>CNS 8072</i> . 3.2 When placed in a control environment box, the product’s measured steady state formaldehyde and total volatile organic compounds emission rate shall be below the regulatory limit.		
4. Materials, accessories and components 4.1 The product’s wooden parts shall be made from recycled wood materials or wood sourced from plantation (i.e., non-old-growth forest). 4.2 The paper parts of the product shall be made from materials with at least 80% recycled paper content. The virgin pulp used in the product shall be 100% sourced from sustainably-managed forests carrying the FSC or PEFC certificates. 4.3 For the textile used in the product, its content of organochlorine pesticide, nonylphenol and residual free formaldehyde shall be below regulatory limit. If a dye is used, its content of azo dye shall be below regulatory limit. The migratable fluorescent substance used shall have no detectable fluorescence reaction. 4.4 The gypsum board or calcium silicate board used in the product shall comply with the requirements of the standard for <i>Green Mark Resource Recycling Building Materials</i> . 4.5 For the product’s surface coating, its content of cadmium, lead, hexavalent chromium, mercury, triphenyltin (TPT) and tributyltin (TBT) shall be below the regulatory limit. 4.6 For the adhesive used in the product, its content of polycyclic aromatic hydrocarbons, halogenated solvent, ethoxycarbonyl alkylphenol and phthalate ester plasticizer shall be below the regulatory limit. The regulated phthalate ester plasticizers include di(2-ethylhexyl)phthalate (DEHP), di-n-octyl phthalate (DNOP), dimethyl phthalate (DMP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP), di-isononyl phthalate (DINP), di-isodecyl phthalate (DIDP), and diethyl phthalate (DEP).		
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4.7 Product's plastic parts weighing more than 25 g shall meet the following requirements:

- (1) shall not have content of cadmium, lead, hexavalent chromium and mercury above regulatory limit; if recycled materials are used in the parts or safety considerations require the addition of glass fiber to the parts, the parts' lead content shall be less than 20 mg/kg.
- (2) the content of the following flame-retardants shall be below regulatory limit:
 - (a) Polybromobiphenyls (PBBs);
 - (b) Polybromodiphenyl ethers (PBDEs): Include bromodiphenyl ether, dibromodiphenyl ether, tribromodiphenyl ethers, tetrabromodiphenyl ether, pentabromodiphenyl ethers, hexabromodiphenyl ethers, heptabromodiphenyl ethers, octabromodiphenyl ether, nonabromodiphenyl ether, and decabromodiphenyl ether; and
 - (c) Chloroparaffins with 10-13 carbon atoms per molecule and chlorine content of greater than 50% by weight.

4.8 The product's plastic components shall not use chlorinated plastic, and the product shall meet the requirements of ISO 11469, in labelling all major plastic components weighing more than 25 g in prominent areas to indicate the composition code and recycling symbol to facilitate future recycling.

5. Test methods and regulatory limits

The following test methods refer to the applicable national, international or industry-specific testing methodology/standards with the following regulatory limits.

Applicable Part	Regulated Substance	Regulatory Limit	Referenced Test Method
Whole product	formaldehyde emission	0.02 mg/m ² · hr	ABRI standard test method (No. MOIS 901014) & ISO 16000 standard method. Stop testing at 48 hrs or when reach regulatory limit.
Whole product	Total VOC emission	0.19 mg/m ² · hr	ABRI standard test method (No. MOIS 901014) & ISO 16000 standard method. Stop testing at 48 hrs or when reach regulatory limit.
Textile	organochlorine pesticide,	< 5 mg/kg	NIEA M618
Textile	nonylphenol	0.02%	NIEA T507
Textile	free formaldehyde	< 20 mg/kg	CNS 14940
Textile	azo dye	< 5 mg/kg	LMBG 82.02-2
textile	migratable fluorescent substance	No fluorescent reaction detected	CNS 11820
Coating material	cadmium, lead	< 2 mg/kg*	NIEA M353 US EPA 3050B US EPA 3051A

Coating material	hexavalent chromium	< 3 mg/kg	NIEA T303 US EPA 3060A US EPA 7196A
Coating material	mercury	< 2 mg/kg	NIEA M317 NIEA M318 US EPA 7471B US EPA 7473B
Coating material	triphenyltin (TPT), tributyltin (TBT)	< 2 mg/kg	NIEA T504 CNS 13105
Adhesive	polycyclic aromatic hydrocarbons	< 5 mg/kg	US EPA 8270D
Adhesive	halogenated solvent	< 5 mg/kg	EN 14582
Adhesive	ethoxycarbonyl alkylphenol	< 5 mg/kg	US EPA 3550C
Adhesive	phthalate ester plasticizer	< 5 mg/kg	NIEA T801 NIEA M731 US EPA 3550C CNS 15138-1
Plastic	cadmium, lead	< 2 mg/kg	NIEA M353 US EPA 3051A US EPA 3050B
Plastic	hexavalent chromium	< 3 mg/kg	NIEA T303 US EPA 3060 US EPA 7196A
Plastic	mercury	< 2 mg/kg	NIEA M317 NIEA M318 US EPA 7471B US EPA 7473B
Plastic	polybromobiphenyls (PBBs) & polybromodiphenyl ethers (PBDEs)	< 10 mg/kg	US EPA 3540C US EPA 8081A US EPA 8082A US EPA 8270D
Plastic	chloroparaffins with 10-13 carbon atoms per molecule	< 10 mg/kg	US EPA 3540C US EPA 8081A US EPA 8082A US EPA 8270D

6. Labeling

6.1 The name, address and consumer hotline of the Green Mark user shall be clearly printed on the product or packaging.

6.2 The product or packaging shall bear a label reading "Low Pollution".

Revision History:

First revision: February 13, 2019