



## EU Declaration of Conformity

### RoHS, REACH and Low Halogen Declaration of Conformity for Seagate Momentus Thin Family of Hard Drives

<b>1.</b>	<b>No.</b>	0402140258
<b>2.</b>	<b>Name and Address of Manufacturer</b>	Seagate Technology International Koolhovenlaan 1 1119 NB Schiphol-Rijk The Netherlands
<b>3.</b>	This declaration of conformity is issued under the sole responsibility of the manufacturer: <b>Seagate Technology International</b>	
<b>4.</b>	<b>Object of the declaration</b>	<b>Seagate Momentus Thin Family of Hard Drives (Seagate Model Numbers listed in Additional Information below)</b>
<b>5.</b>	The object of the declaration described above is in conformity with Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.	
<b>6.</b>	<b>Harmonized Standards/ Technical Specifications</b>	RoHS Directive 2002/95/EC RoHS Directive 2011/65/EU EN50581 China RoHS (March 1, 2007) REACH Directive EC 1907/2006 Low Halogen per JS709A
<b>7.</b>	<b>Additional Information</b>	(Provided below)



**Additional Information:**

The European Union Restriction of Hazardous Substances (RoHS) Directive 2002/95/EC restricts the presence of the following chemical substances in electronic products effective July 2006:

- Lead (Pb)
- Cadmium (Cd)
- Hexavalent Chromium (Cr6+)
- Mercury (Hg)
- Polybrominated Biphenyls (PBB) and
- Polybrominated Diphenyl Ether (PBDE)

To the best of our knowledge Seagate hard disc drives comply with EU RoHS Directive 2002/95/EC as well as RoHS “Recast” Directive 2011/65/EU requirements.

A number of parts and materials in Seagate products are procured from external suppliers. We rely on the representations of our suppliers regarding the presence of RoHS substances in these parts and materials. Our supplier contracts require compliance with our chemical substance restrictions, and our suppliers document their compliance with our requirements by providing material content declarations for all parts and materials for Seagate products. Current supplier declarations include disclosure of any RoHS-regulated substance in such parts or materials.

Seagate also has internal systems in place to ensure ongoing compliance with the RoHS Directive and all laws and regulations which restrict chemical content in electronic products. These systems include standard operating procedures that ensure that restricted substances are not utilized in our manufacturing operations, laboratory analytical validation testing, and an internal auditing process to ensure that all standard operating procedures are complied with.

The following products, in addition to meeting the RoHS directive, also meet the EU REACH directive, since the inception on June 1, 2007. This includes SVHCs listed by ECHA as of the date of this document.

Beginning in 2009, certain families of hard disc drives became available in Low Halogen configurations. The Seagate Momentus Thin family of hard disc drives is available in Low Halogen configurations. Low Halogen configurations limit chlorine and bromine in homogeneous materials to 900 ppm (parts per million) each, 1500 ppm total (Cl plus Br). If your company requires a Low Halogen DoC, for a product not listed below as Low Halogen, please consult with your sales or customer quality representative.

Seagate hard disc drives also comply with applicable provisions of “China RoHS” (Administration on Control of Pollution by Electronic Information Products), since its inception on March 1, 2007. Seagate labels disc drives with the appropriate EFUP, and a table denoting use of lead exceeding 1000 ppm, is included in product literature.



## Applicable Exemptions to RoHS Directive

The EU Parliament has released Commission Decision 2010/571/EU dated September 24, 2010 which amends the Annex of 2002/95/EC. With reference to this amended Annex, Seagate does not use Exemption 7I –III or any other exemption with an expiration date listed in the Commission Decision 2010/571/EU Annex.

Seagate disc drives rely on the following RoHS Directive Exemptions for compliance:

Exemption Description
(Exemptions are listed per Annex released September 24, 2010)
6a. Lead as an alloying element in steel containing up to 0.35% lead by weight
6b. Lead as an alloying element in aluminum up to 0.4% lead by weight
6c. Lead as an alloying element in copper containing up to 4% lead by weight
7a. Lead in high melting temperature type solders (i.e. lead-based solder alloys containing 85 % by weight or more lead)
7I-I Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors (e.g. piezoelectronic devices) or in a glass or ceramic matrix compound

The above exemption list corresponds to the original exemption list provided below for convenience.

Exemption Description
(Exemptions applied before September 24, 2010)
5. Lead in glass of cathode ray tubes, electronic components and fluorescent tubes
6a. Lead as an alloying element in steel containing up to 0.35% lead by weight
6b. Lead as an alloying element in aluminum up to 0.4% lead by weight
6c. Lead as an alloying element in copper containing up to 4% lead by weight
7a. Lead in high melting temperature type solders (i.e. lead-based solder alloys containing 85 % by weight or more lead)
7c. Lead in electronic ceramic parts (e.g. piezoelectronic devices)



## Model Numbers

This Declaration of Conformity to the RoHS and REACH Directives, as well as to stated Low Halogen thresholds, applies to the following Momentus Thin Family hard disc drive Model Numbers:

Momentus Thin Family	
Model	Part
ST500LT036	1F6142
ST500LT034	1DGG42
ST500LT025	1DH142
ST500LT015	1DJ142
ST500LT012	1DG142
ST320LT034	1F614C
ST320LT032	1DGG4C
ST320LT025	1DH14C
ST320LT015	1DJ14C
ST320LT012	1DG14C
ST250LT029	1F6141
ST250LT028	1DGG41
ST250LT025	1DH141
ST250LT015	1DJ141
ST250LT012	1DG141
ST500VT000	1DK142
ST320VT000	1DK14C
ST250VT000	1DK141
ST500VT001	1K6142
ST500LM021	1KJ152
ST320LM010	1KJ15C
ST250LM009	1KJ15D

**Signed for and on behalf of:** Seagate Technology International

**Place and Date of Issue:** Cupertino, CA, USA April 2014

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