

EU Declaration of Conformity RoHS, REACH and Low Halogen Declaration of Conformity for Seagate PIPELINE HD.2 DRIVE Family of Hard Drives		
1.	No.	0304131131
2.	Name and Address of Manufacturer	Seagate Technology International Koolhovenlaan 1 1119 NB Schiphol-Rijk The Netherlands
3.	This declaration of conformity is issued under the sole responsibility of the manufacturer: Seagate Technology International	
4.	Object of the declaration	Seagate PIPELINE HD.2 DRIVE Family of Hard Drives (Seagate Model Numbers listed in Additional Information below)
5.	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.	
6.	Harmonized Standards/ Technical Specifications	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
7.	Additional Information	(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 PIPELINE HD.2 DRIVE 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 7(c) -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)
7(c)-I Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors (e.g. piezoelectric 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. piezoelectric 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 Seagate PIPELINE HD.2 DRIVE Family hard disc drive Model Numbers:

Seagate PIPELINE HD.2 DRIVE Family	
Model	Part
ST31000322CS	9GW134
ST31000424CS	9GW144
ST31000521CS	9GW154
ST31000523SV	9JP154
ST3160316CS	9GW13A
ST3250312CS	9GW131
ST3250313SV	9JP131
ST3250412CS	9GW141
ST3250511CS	9GW151
ST3320311CS	9GW13C
ST3320413CS	9GW14C
ST3500312CS	9GW132
ST3500414CS	9GW142
ST3500511CS	9GW152
ST3500513SV	9JP152
ST3750322CS	9GW133
ST3750424CS	9GW143
ST3750521CS	9GW153
ST3750523SV	9JP153

Signed for and on behalf of: Seagate Technology International

Place and Date of Issue: Cupertino, CA, USA <March, 2013>

x 

Brian Martin
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