



Product Environmental Declaration of Conformity Seagate SKYHAWK Family of Hard Drives		
1.	No.	2105241311
2.	Name and Address of Manufacturer	Seagate Technology International Tupolevlaan 105 1119 PA 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 SKYHAWK 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) as amended by Directive (EU) 2015/863 and further amended by Directive 2018/739 and Directive 2018/740 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	▪ Directive 2011/65/EU RoHS “Recast” (RoHS 2) as amended by Directive (EU) 2015/863 and further amended by Directive 2018/739 and Directive 2018/740 ▪ IEC 63000:2018 ▪ Management Methods for Controlling Pollution by Electronic Information Products, Ministry of Information Industry Order No. 39 (China RoHS) ▪ Management Methods for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products, Ministry of Industry and Information Technology Order No. 32 effective July 1, 2016 (China RoHS 2) ▪ Joint JEDEC/ECA Standard, Definition of “Low-Halogen” for Electronic Products, JS709B
7.	Additional Information	(Provided below)

Additional Information:

The RoHS “Recast” Directive (RoHS 2) restricts the presence of the following chemical substances in electronic products:

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

On June 4, 2015, the EU Commission published Directive (EU) 2015/863 to amend Annex II of RoHS 2 to add the following 4 phthalates onto the list of restricted substances.

- Bis(2-Ethylhexyl) phthalate (DEHP)
- Benzyl butyl phthalate (BBP)
- Dibutyl phthalate (DBP)
- Diisobutyl phthalate (DIBP)

These additional substances are restricted beginning on July 22, 2019 for all electrical and electronic equipment apart from Categories 8 and 9 that will have an additional two years to comply.

To the best of our knowledge, Seagate hard disc drives comply with RoHS 2 requirements as amended by Directive (EU) 2015/863.

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 2 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 substances regulated by RoHS 2 in such parts or materials.

Seagate also has internal systems in place to ensure ongoing compliance with RoHS 2 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 compliance with all standard operating procedures.

Seagate HDD and SSD product lines conform to Low Halogen limits for chlorine and bromine. Low Halogen requirements limit chlorine and bromine in homogeneous materials to 900 ppm (parts per million) each, 1500 ppm total (Cl plus Br).

Seagate hard disc drives also comply with applicable provisions of China RoHS. Since the inception of China RoHS, Seagate has labeled disc drives with the appropriate EFUP, and a table

denoting use of lead exceeding 1000 ppm is included in product literature. Seagate is also in compliance with China RoHS 2 promulgated by China's Ministry of Industry and Information Technology ("MIIT") on January 21, 2016. China RoHS 2 became effective on July 1, 2016.

Applicable Exemptions to RoHS 2

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 2 exemptions for compliance:

Exemption Description
(Exemptions are listed per Annex released September 24, 2010)
6a-I. Lead as an alloying element in steel for machining purposes containing up to 0.35% lead by weight and in batch hot dip galvanised steel components containing up to 0.2% lead by weight
6b-II. Lead as an alloying element in aluminium for machining purposes with a lead content up to 0,4 % 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. piezoelectronic devices) or in a glass or ceramic matrix compound

Model Numbers

This Declaration of Conformity applies to the following Seagate SKYHAWK family hard disc drive Model Numbers:

SKYHAWK Family			
Regulatory Model: SKR006			
Model	Part	Model	Part
ST4000VX015	2ZP104	ST6000VP003	3G1186
ST3000VX014	2ZP10G	ST8000VP002	3FZ188
ST8000VX009	2ZP188	ST2000VP002	3FZ102
ST6000VX008	2ZP186	ST6000VP002	3FZ186
ST6000VX009	2ZR186	ST8000VP004	3G2188
ST2000VX016	2ZP102	ST2000VP004	3G2102
ST1000VX012	2ZP10C	ST6000VP004	3G2186
ST1000VX013	2ZR10C	ST4000VX015	3CU104
ST2000VX017	2ZR102	ST4000VX016	3CV104
ST4000VX016	2ZR104	ST3000VX014	3CU10G
ST8000VX010	2ZR188	ST3000VX015	3CV10G
ST3000VX015	2ZR10G	ST4000HKVS002	3FC104
ST8000HKVS002	3FX188	ST4000VP003	3G1104
ST6000HKVS002	3FX186	ST4000HKVS002	3FX104
ST2000HKVS002	3FX102	ST4000VP002	3FZ104
ST8000VP003	3G1188	ST4000VP004	3G2104
ST2000VP003	3G1102		

Signed for and on behalf of: Seagate Technology International

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Product Sustainability and Compliance
Seagate Technology PLC