

Previous generation	TCO Certified, generation 8	Comment
A.1.1 Information to end users	1.1 Information to end users	Revised
A.6.1 Product description	1.2 Product specification / 11.3 Applicant form for each product	Revised
n/a	1.3 Sustainability performance indicators	New
A.7.1 Supply chain responsibility	2.1 Supply chain responsibility	Revised
A.7.2 Senior Management Representative	2.2 Supply chain transparency	Revised
n/a	2.3 Anti corruption management system	New
A.7.3 Conflict minerals	2.4 Responsibly sourced minerals	Revised
n/a	2.5 Process chemicals	New
A.6.2.1 Environmental management system certification	3.1 Environmental management system	
n/a	3.2 Energy efficiency indicators	New
A.5.1 Electrical safety	4.1 Electrical safety	
A.4.1 Alternating electric fields	4.2 Alternating electric fields	Revised
A.4.2 Alternating magnetic fields	4.3 Alternating magnetic fields	Revised
A.4.3 Acoustic Noise	4.4 Acoustic noise	
A.3.1 Vertical tilt	4.5 Vertical tilt	
A.3.2 Vertical height	4.6 Vertical height	
A.6.3.1 Energy consumption	5.1 Energy efficiency	Revised
A.6.3.2 Energy consumption – external power supply	5.1 Energy efficiency	Revised
A.2.2.4 Luminance uniformity - angular-dependence	5.10 Luminance uniformity – angular-dependence	
A.2.3.1 Luminance contrast – characters	5.11 Luminance contrast – characters	Revised
A.2.3.2 Luminance contrast – angular dependence	5.12 Luminance contrast – angular dependence	
A.2.2.3 Black level	5.13 Black level	
A.2.2.5 Greyscale gamma curve	5.14 Grayscale gamma curve	
A.2.1.1 Native display resolution requirement	5.2 Display resolution	(New)
A.2.4.1 Correlated colour temperature, CCT, variation	5.3 Correlated color temperature	Revised
A.2.4.3 RGB settings	5.4 Color gamut	
A.2.4.2 Colour uniformity	5.5 Color uniformity	
A.2.4.4 Colour uniformity – angular dependence	5.6 Color uniformity – angular dependence	
A.2.4.5 Colour greyscale linearity	5.7 Color grayscale linearity	Revised
A.2.2.1 Luminance level	5.8 Luminance level	
A.2.2.2 Luminance uniformity	5.9 Luminance uniformity	
A.6.5.1 Lifetime extension	6.1 Warranty	Revised
n/a	6.2 Replaceable components	New
A.6.4.1 Cadmium (Cd), mercury (Hg), lead (Pb) and hexavalent chromium (CrVI)	7.1 Heavy metals	
A.6.4.2 Halogenated substances	7.2 Halogens	Revised
A.6.4.4 Halogenated plastics	7.2 Halogens	Revised
A.6.4.3 Non-halogenated substances	7.3 Non-halogenated substances	
A.6.4.5 Phthalates	7.4 Plasticizers	(New)
A.6.4.6 Hazardous substances in product packaging	7.5 Hazardous substances in product packaging	
A.6.6.1 Material coding of plastics	8.1 Material coding of plastics	
A.6.6.3 Preparation for recycling of product packaging material	8.2 Product packaging	
A.6.6.2 Take back system	8.3 Take back system	

Previous generation	TCO Certified, generation 8	Comment
A.1.1 Information to end users	1.1 Information to end users	Revised
A.6.1 Product description	1.2 Product specification / 11.3 Applicant form for each product	Revised
n/a	1.3 Sustainability performance indicators	New
A.7.1 Supply chain responsibility	2.1 Supply chain responsibility	Revised
A.7.2 Senior Management Representative	2.2 Supply chain transparency	Revised
n/a	2.3 Anti corruption management system	New
A.7.3 Conflict minerals	2.4 Responsibly sourced minerals	Revised
n/a	2.5 Process chemicals	New
A.6.2.1 Environmental management system certification	3.1 Environmental management system	
n/a	3.2 Energy efficiency indicators	New
A.5.1 Electrical safety	4.1 Electrical safety	
A.4.1 Acoustic noise	4.2 Acoustic noise	
A.3.2 Keyboard	4.3 Keyboard	
A.6.3.1 Energy consumption	5.1 Energy efficiency	Revised
A.6.3.2 Energy consumption – external power supply	5.1 Energy efficiency	Revised
A.2.2.3 Luminance uniformity - angular-dependence	5.10 Luminance uniformity - angular-dependence	
A.2.3.1 Luminance contrast – characters	5.11 Luminance contrast – characters	Revised
A.2.3.2 Luminance contrast – angular dependence	5.12 Luminance contrast – angular dependence	
A.2.5.2 Keyboard gloss	5.13 Keyboard gloss	
A.2.1.1 Native display resolution requirement	5.2 Display resolution	(New)
A.2.4.1 Correlated colour temperature, CCT, variation	5.3 Correlated color temperature	Revised
A.2.4.3 RGB settings	5.4 Color gamut	
A.2.4.2 Colour uniformity	5.5 Color uniformity	
A.2.4.4 Colour uniformity – angular dependence	5.6 Color uniformity – angular dependence	
A.2.4.5 Colour greyscale linearity	5.7 Color grayscale linearity	
A.2.2.1 Luminance level	5.8 Luminance level	
A.2.2.2 Luminance uniformity	5.9 Luminance uniformity	
A.6.5.1 Lifetime extension	6.1 Warranty	Revised
n/a	6.2 Replaceable components	New
n/a	6.3 Standardized connectors	New
n/a	6.4 Product durability	New
n/a	6.5 Battery longevity	New
n/a	6.6 Battery replaceability	New
n/a	6.7 Secure data removal from products	New
A.6.4.1 Cadmium (Cd), mercury (Hg), lead (Pb) and hexavalent chromium (CrVI)	7.1 Heavy metals	
A.6.4.2 Halogenated substances	7.2 Halogens	Revised
A.6.4.4 Halogenated plastics	7.2 Halogens	Revised
A.6.4.3 Non-halogenated substances	7.3 Non-halogenated substances	
A.6.4.5 Phthalates	7.4 Plasticizers	(New)
A.6.4.6 Hazardous substances in product packaging	7.5 Hazardous substances in product packaging	
A.6.6.1 Material coding of plastics	8.1 Material coding of plastics	
A.6.6.3 Preparation for recycling of product packaging material	8.2 Product packaging	
A.6.6.2 Take back system	8.3 Take back system	
A.2.5.1 Key cap marking contrast		Removed
A.3.1 Separate display, keyboard and input device		Removed

Previous generation	TCO Certified, generation 8	Comment
A.1.1 Information to end users	1.1 Information to end users	Revised
A.6.1 Product description	1.2 Product specification / 11.3 Applicant form for each product	Revised
n/a	1.3 Sustainability performance indicators	New
A.7.1 Supply chain responsibility	2.1 Supply chain responsibility	Revised
A.7.2 Senior Management Representative	2.2 Supply chain transparency	Revised
n/a	2.3 Anti corruption management system	New
A.7.3 Conflict minerals	2.4 Responsibly sourced minerals	Revised
n/a	2.5 Process chemicals	New
A.6.2.1 Environmental management system certification	3.1 Environmental management system	
n/a	3.2 Energy efficiency indicators	New
A.5.1 Electrical safety	4.1 Electrical safety	
A.4.1 Alternating electrical fields	4.2 Alternating electric fields	Revised
A.4.2 Alternating magnetic fields	4.3 Alternating magnetic fields	Revised
A.4.3 Acoustic noise	4.4 Acoustic noise	
A.6.3.1 Energy consumption	5.1 Energy efficiency	Revised
A.6.3.2 Energy consumption – external power supply	5.1 Energy efficiency	Revised
A.3.1 Easily accessible connections	5.2 Easily accessible connections	Revised
A.6.5.1 Lifetime extension	6.1 Warranty	Revised
n/a	6.2 Replaceable components	New
n/a	6.3 Standardized connectors	New
n/a	6.4 Secure data removal from products	New
A.6.4.1 Cadmium (Cd), mercury (Hg), lead (Pb) and hexavalent chromium (CrVI)	7.1 Heavy metals	
A.6.4.2 Halogenated substances	7.2 Halogens	Revised
A.6.4.4 Halogenated plastics	7.2 Halogens	Revised
A.6.4.3 Non-halogenated substances	7.3 Non-halogenated substances	
A.6.4.5 Phthalates	7.4 Plasticizers	(New)
A.6.4.6 Hazardous substances in product packaging	7.5 Hazardous substances in product packaging	
A.6.6.1 Material coding of plastics	8.1 Material coding of plastics	
A.6.6.3 Preparation for recycling of product packaging material	8.2 Product packaging	
A.6.6.2 Take back system	8.3 Take back system	

Previous generation	TCO Certified, generation 8	Comment
A.1.1 Information to end users	1.1 Information to end users	Revised
A.6.1 Product description	1.2 Product specification / 11.3 Applicant form for each product	Revised
n/a	1.3 Sustainability performance indicators	New
A.7.1 Supply chain responsibility	2.1 Supply chain responsibility	Revised
A.7.2 Senior Management Representative	2.2 Supply chain transparency	Revised
n/a	2.3 Anti corruption management system	New
A.7.3 Conflict minerals	2.4 Responsibly sourced minerals	Revised
n/a	2.5 Process chemicals	New
A.6.2.1 Environmental management system certification	3.1 Environmental management system	
n/a	3.2 Energy efficiency indicators	New
A.5.1 Electrical safety	4.1 Electrical safety	
A.4.1 Alternating electric fields	4.2 Alternating electric fields	Revised
A.4.2 Alternating magnetic fields	4.3 Alternating magnetic fields	Revised
A.4.3 Acoustic Noise	4.4 Acoustic noise	
A.3.1 Vertical tilt	4.5 Vertical tilt	
A.3.2 Vertical height adjustment	4.6 Vertical height	
A.6.3.1 Energy consumption	5.1 Energy efficiency	Revised
A.6.3.2 Energy consumption – external power supply	5.1 Energy efficiency	Revised
A.2.2.4 Luminance uniformity - angular-dependence	5.10 Luminance uniformity – angular-dependence	
A.2.3.1 Luminance contrast – characters	5.11 Luminance contrast – characters	Revised
A.2.3.2 Luminance contrast – angular dependence	5.12 Luminance contrast – angular dependence	
A.2.2.3 Black level	5.13 Black level	
A.2.2.5 Greyscale gamma curve	5.14 Grayscale gamma curve	
A.2.1.1 Native display resolution requirement	5.2 Display resolution	(New)
A.2.4.1 Correlated colour temperature, CCT, variation	5.3 Correlated color temperature	Revised
A.2.4.3 RGB settings	5.4 Color gamut	
A.2.4.2 Colour uniformity	5.5 Color uniformity	
A.2.4.4 Colour uniformity – angular dependence	5.6 Color uniformity – angular dependence	
A.2.4.5 Colour greyscale linearity	5.7 Color grayscale linearity	Revised
A.2.2.1 Luminance level	5.8 Luminance level	
A.2.2.2 Luminance uniformity	5.9 Luminance uniformity	
A.6.5.1 Lifetime extension	6.1 Warranty	Revised
n/a	6.2 Replaceable components	New
n/a	6.3 Standardized connectors	New
n/a	6.4 Secure data removal from products	New
A.6.4.1 Cadmium (Cd), mercury (Hg), lead (Pb) and hexavalent chromium (CrVI)	7.1 Heavy metals	
A.6.4.2 Halogenated substances	7.2 Halogens	Revised
A.6.4.4 Halogenated plastics	7.2 Halogens	Revised
A.6.4.3 Non-halogenated substances	7.3 Non-halogenated substances	
A.6.4.5 Phthalates	7.4 Plasticizers	(New)
A.6.4.6 Hazardous substances in product packaging	7.5 Hazardous substances in product packaging	
A.6.6.1 Material coding of plastics	8.1 Material coding of plastics	
A.6.6.3 Preparation for recycling of product packaging material	8.2 Product packaging	
A.6.6.2 Take back system	8.3 Take back system	

Previous generation	TCO Certified, generation 8	Comment
A.1.1 Information to end users	1.1 Information to end users	Revised
A.6.1 Product description	1.2 Product specification / 11.3 Applicant form for each product	Revised
n/a	1.3 Sustainability performance indicators	New
A.7.1 Supply chain responsibility	2.1 Supply chain responsibility	Revised
A.7.2 Senior Management Representative	2.2 Supply chain transparency	Revised
n/a	2.3 Anti corruption management system	New
A.7.3 Conflict minerals	2.4 Responsibly sourced minerals	Revised
n/a	2.5 Process chemicals	New
A.6.2.1 Environmental management system certification	3.1 Environmental management system	
n/a	3.2 Energy efficiency indicators	New
A.5.1 Electrical safety	4.1 Electrical safety	
A.3.1 Material Characteristics	4.2 Material Characteristics	
A.6.3.1 Energy consumption	5.1 Energy efficiency – external power supply	
A.2.1.1 Native display resolution requirement	5.2 Display resolution	(New)
A.2.2.1 Correlated colour temperature, CCT variation	5.3 Correlated color temperature	Revised
A.2.2.3 RGB settings	5.4 Color gamut	
A.2.2.2 Colour uniformity	5.5 Color uniformity	
A.2.2.1 Luminance level	5.6 Luminance level	
A.2.1.2 Luminance uniformity	5.7 Luminance uniformity	
A.6.5.1 Lifetime extension	6.1 Warranty	Revised
n/a	6.2 Replaceable components	New
n/a	6.3 Standardized connectors	New
n/a	6.4 Product durability	New
n/a	6.5 Battery longevity	New
A.6.4.7 Batteries	6.6 Battery replaceability	(New)
n/a	6.7 Secure data removal from products	New
A.6.4.1 Cadmium (Cd), mercury (Hg), lead (Pb) and hexavalent chromium (CrVI)	7.1 Heavy metals	
A.6.4.2 Halogenated substances	7.2 Halogens	Revised
A.6.4.4 Halogenated plastics	7.2 Halogens	Revised
A.6.4.3 Non-halogenated substances	7.3 Non-halogenated substances	
A.6.4.5 Phthalates	7.4 Plasticizers	(New)
A.6.4.6 Hazardous substances in product packaging	7.5 Hazardous substances in product packaging	
A.6.6.1 Material coding of plastics	8.1 Material coding of plastics	
A.6.6.3 Preparation for recycling of product packaging material	8.2 Product packaging	
A.6.6.2 Take back system	8.3 Take back system	
A.2.1.3 Greyscale gamma curve	n/a	
A.3.2 Headset	n/a	Removed

Previous generation	TCO Certified, generation 8	Comment
A.1.1 Information to end users	1.1 Information to end users	Revised
A.6.1 Product description	1.2 Product specification / 11.3 Applicant form for each product	Revised
n/a	1.3 Sustainability performance indicators	New
A.7.1 Supply chain responsibility	2.1 Supply chain responsibility	Revised
A.7.2 Senior Management Representative	2.2 Supply chain transparency	Revised
n/a	2.3 Anti corruption management system	New
A.7.3 Conflict minerals	2.4 Responsibly sourced minerals	Revised
n/a	2.5 Process chemicals	New
A.6.2.1 Environmental management system certification	3.1 Environmental management system	
n/a	3.2 Energy efficiency indicators	New
A.5.1 Electrical safety	4.1 Electrical safety	
A.4.1 Acoustic noise	4.2 Acoustic noise	
A.6.3.1 Energy consumption	5.1 Energy efficiency – external power supply	
A.2.2.3 Luminance uniformity - angular-dependence	5.10 Luminance uniformity – angular-dependence	
A.2.3.1 Luminance contrast – characters	5.11 Luminance contrast – characters	Revised
A.2.3.2 Luminance contrast – angular dependence	5.12 Luminance contrast – angular dependence	
A.2.1.1 Native display resolution requirement	5.2 Display resolution	(New)
A.2.4.1 Correlated colour temperature, CCT, variation	5.3 Correlated color temperature	Revised
A.2.4.3 RGB settings	5.4 Color gamut	
A.2.4.2 Colour uniformity	5.5 Color uniformity	
A.2.4.4 Colour uniformity – angular dependence	5.6 Color uniformity – angular dependence	
A.2.4.5 Colour greyscale linearity	5.7 Color grayscale linearity	
A.2.2.1 Luminance level	5.8 Luminance level	
A.2.2.2 Luminance uniformity	5.9 Luminance uniformity	
A.6.5.1 Lifetime extension	6.1 Warranty	Revised
n/a	6.2 Replaceable components	New
n/a	6.3 Standardized connectors	New
n/a	6.4 Product durability	New
n/a	6.5 Battery longevity	New
n/a	6.6 Battery replaceability	New
n/a	6.7 Secure data removal from products	New
A.6.4.1 Cadmium (Cd), mercury (Hg), lead (Pb) and hexavalent chromium (CrVI)	7.1 Heavy metals	
A.6.4.2 Halogenated substances	7.2 Halogens	Revised
A.6.4.4 Halogenated plastics	7.2 Halogens	
A.6.4.3 Non-halogenated substances	7.3 Non-halogenated substances	
A.6.4.5 Phthalates	7.4 Plasticizers	(New)
A.6.4.6 Hazardous substances in product packaging	7.5 Hazardous substances in product packaging	
A.6.6.1 Material coding of plastics	8.1 Material coding of plastics	
A.6.6.3 Preparation for recycling of product packaging material	8.2 Product packaging	
A.6.6.2 Take back system	8.3 Take back system	

Previous generation	TCO Certified, generation 8	Comment
A.1.1 Information to end users	1.1 Information to end users	Revised
A.6.1 Product description	1.2 Product specification / 11.3 Applicant form for each product	Revised
n/a	1.3 Sustainability performance indicators	New
A.7.1 Supply chain responsibility	2.1 Supply chain responsibility	Revised
A.7.2 Senior Management Representative	2.2 Supply chain transparency	Revised
n/a	2.3 Anti corruption management system	New
A.7.3 Conflict minerals	2.4 Responsibly sourced minerals	Revised
n/a	2.5 Process chemicals	New
A.6.2.1 Environmental management system certification	3.1 Environmental management system	
n/a	3.2 Energy efficiency indicators	New
A.5.1 Electrical safety	4.1 Electrical safety	
A.4.1 Alternating electric fields	4.2 Alternating electric fields	
A.4.2 Alternating magnetic fields	4.3 Alternating magnetic fields	
A.4.3 Acoustic Noise	4.4 Acoustic noise	
A.6.3.1 Energy consumption	5.1 Energy efficiency	
A.2.1.2 Black level and contrast ratio	5.10 Black level and contrast ratio	
A.6.3.2 Energy consumption – external power supply	5.2 Energy efficiency – external power supply	
A.2.2.1 Native display resolution requirement	5.3 Display resolution	Revised
A.2.3.1 Correlated colour temperature, CCT variation	5.4 Correlated color temperature	Revised
A.2.3.3 Colour gamut	5.5 Color gamut	
A.2.3.2 Colour uniformity	5.6 Color uniformity	
A.2.3.4 Colour greyscale linearity	5.7 Color grayscale linearity	
A.2.1 Light flux characteristics	5.8 Luminous flux	
A.2.1.3 Light flux uniformity	5.9 Light flux uniformity	
A.6.5.1 Lifetime extension	6.1 Warranty	Revised
n/a	6.2 Replaceable components	New
A.6.4.1 Cadmium (Cd), mercury (Hg), lead (Pb) and hexavalent chromium (CrVI)	7.1 Heavy metals	
A.6.4.2 Halogenated substances	7.2 Halogens	Revised
A.6.4.4 Halogenated plastics	7.2 Halogens	Revised
A.6.4.3 Non-halogenated substances	7.3 Non-halogenated substances	
A.6.4.5 Phthalates	7.4 Plasticizers	(New)
A.6.4.6 Hazardous substances in product packaging	7.5 Hazardous substances in product packaging	
A.6.6.1 Material coding of plastics	8.1 Material coding of plastics	
A.6.6.3 Preparation for recycling of product packaging material	8.2 Product packaging	
A.6.6.2 Take back system	8.3 Take back system	
A.2.4.1 Video- and computer interfaces	n/a	Removed

Previous generation	TCO Certified, generation 8	Comment
A.1.1 Information to end users	1.1 Information to end users	Revised
A.6.1 Product description	1.2 Product specification / 11.3 Applicant form for each product	Revised
n/a	1.3 Sustainability performance indicators	New
A.7.1 Supply chain responsibility	2.1 Supply chain responsibility	Revised
A.7.2 Senior Management Representative	2.2 Supply chain transparency	Revised
n/a	2.3 Anti corruption management system	New
A.7.3 Conflict minerals	2.4 Responsibly sourced minerals	Revised
n/a	2.5 Process chemicals	New
A.6.2.1 Environmental management system certification	3.1 Environmental management system	
n/a	3.2 Energy efficiency indicators	New
A.5.1 Electrical safety	4.1 Electrical safety	
A.4.1 SAR measurements	4.2 SAR measurements	
A.2.1.1 Acoustic impulse test	4.3 Acoustic impulse test	
A.2.1.4 Individual adjustment and adaptation	4.4 Individual adjustment and adaptation	
A.6.3.1 Energy consumption	5.1 Energy efficiency – external power supply	
A.2.1.2 Sound quality test	5.2 Sound quality test	
A.2.1.3 Volume control	5.3 Volume Control	Revised
A.6.5.1 Lifetime extension	6.1 Warranty	Revised
A.2.1.5 Replaceable parts	6.2 Replaceable components	(New)
n/a	6.3 Battery longevity	New
n/a	6.4 Battery replaceability	New
A.2.2.1 Cable pull and flexing	6.5 Cable pull and flexing	
A.2.2.2 Head and ear attachment flex test	6.6 Head and ear attachment flex test	
A.2.2.3 Microphone attachment flex test	6.7 Microphone attachment flex test	
A.6.4.1 Cadmium (Cd), mercury (Hg), lead (Pb) and hexavalent chromium (CrVI)	7.1 Heavy metals	
A.6.4.2 Halogenated substances	7.2 Halogens	Revised
A.6.4.4 Halogenated plastics	7.2 Halogens	Revised
A.6.4.3 Non-halogenated substances	7.3 Non-halogenated substances	
A.6.4.5 Phthalates	7.4 Plasticizers	(New)
A.6.4.6 Hazardous substances in product packaging	7.5 Hazardous substances in product packaging	
A.6.6.2 Preparation for recycling of product packaging material	8.1 Product packaging	
A.6.6.1 Take back system	8.2 Take back system	