**Annex I: Declarations from suppliers on Criterion 2: Restricted substances.**

# Printed Circuit Boards

Includes: Printed Wiring Boards, populated motherboards, power boards (power supply units) and module boards

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| --- | --- |
| Declaration for:  2.1.(a) Restriction of SVHCs  2.1.(b) Restrictions on the presence of specific substances  2.1(c) — Restrictions on substances classified under Regulation (EC) No 1272/2008  ***to be completed by each Printed Circuit Board supplier*** | |
| *I, the undersigned, hereby declare that ­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert name of product****),*  *a). does not contain SVHCs[[1]](#footnote-1)* *in concentrations above 0.10 % (weight by weight).(only for PCBs >10 cm2)*  *b). does not contain cadmium in metal solder and contacts* *in concentrations at or above 0.10 % (weight by weight). (****Please provide a valid test result using the IEC 62321-3-1 test method****).*  ***Flame retardants used in the PCBs at or above a concentration limit of 0,10% (weight by weight)***  *c) As the supplier of the Printed circuit board (s) to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert the name of the applicant****), I, the undersigned, hereby declare that,*  *we use the following flame retardants:*  *­­­­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert names****)*  *And that either:*   1. the flame retardants are not assigned any of the hazard classes, categories and associated hazard statement codes listed in Table 1 of the Commission Decision.   Or   1. the flame retardant is classified with one or more of the following derogated hazard statements: EUH070, H301, H311, H331, H371, H373, H411, H412, H413 or is TBBPA (***please circle those that apply****)*   ***and I attach relevant documentation e.g. safety data sheets*** | |
| ***Responsible person’s signature:*** |  |
| ***Responsible person’s name in CAPITALS:*** |  |
| ***Position held:*** |  |
| ***Date:*** |  |
| ***Company Stamp:*** |  |

# Remote control

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| --- | --- |
| Declaration for:  2.1.(a) Restriction of SVHCs  2.1.(b) Restrictions on the presence of specific substances  ***to be completed by the ‘Remote Control’ supplier*** | |
| *I, the undersigned, hereby declare that ­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert name of product****),*  ***a).*** *does not contain cadmium in metal solder and contacts* *in concentrations at or above 0.10 % (weight by weight). (****Please provide a valid test result using the IEC 62321-3-1 test method****).*  ***The external housing of remote control***  ***b).*** *does not contain SVHCs[[2]](#footnote-2) in concentrations at or above 0.10 % (weight by weight).*  ***c)*** *Plastic parts >25g do not contain chlorinated polymers.*  *And*  ***The rubber parts and external plastic housing of the remote control:***  ***d).*** *does/does not (****please delete as appropriate****) contain any of the following Polycyclic Aromatic Hydrocarbons (PAHs) that are classified with the following hazard statements: H300, H304, H310, H330, H340, H341,H350, H350i, H351, H360D, H360F, H360FD, H360Fd, H360Df, H361d, H361f, H361fd, H362, H370, H371, H400, H410.*   |  |  |  | | --- | --- | --- | | *Group 1* |  |  | | *Benzo[a]pyrene* | *Benzo[a]anthracene* | *Benzo[b]fluoranthene* | | *Chrysen* | *Dibenzo[a,h]anthracene,* | *Benzo[k]fluoranthene* |  |  |  |  | | --- | --- | --- | | *Group 2* |  |  | | *Acenaphthene* | *Anthracene* | *Acenaphthylene* | | *Benzo[ghi]perylene* | *Fluoranthene* | *Fluorene* | | *Indeno[1,2,3-cd]pyrene* | *Naphthalene* | *Phenanthrene* | | *Pyrene* |  |  |   *and that if the remote control does contain any of the above PAHs, the concentration limit for each of the PAHs listed in Group 1 (i.e. restricted under REACH) are no greater than 1 mg/kg and the sum total concentration limit for the PAHs listed above in both Groups 1 and 2 is not greater than 10 mg/kg and* ***I attach test results confirming this****[[3]](#footnote-3).*  ***e).*** *does not contain biocides intended to provide an anti-bacterial function.* | |
| ***Responsible person’s signature:*** |  |
| ***Responsible person’s name in CAPITALS:*** |  |
| ***Position held:*** |  |
| ***Date:*** |  |
| ***Company Stamp:*** |  |

# Electrical wiring/cables (except external cables)

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| Declaration for:  2.1.(a) Restriction of SVHCs  2.1(c) — Restrictions on substances classified under Regulation (EC) No 1272/2008  ***to be completed by Electrical wiring/cables (except external cables) supplier only*** | |
| *I, the undersigned, hereby declare that ­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert name of product****):*  *a).in aggregated form do not contain SVHCs[[4]](#footnote-4)* *in concentrations above 0.10 % (weight by weight).*  ***Plasticisers used in the internal electrical wiring at or above a concentration limit of 0,10% (weight by weight)***  *b) As the supplier of the internal electrical wiring to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert the name of the applicant****), I, the undersigned, hereby declare that,*  *we use the following flame retardants:*  *­­­­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert names****)*  *And that either:*   1. the plasticiser(s) is not assigned any of the hazard classes, categories and associated hazard statement codes listed in Table 1 of the Commission Decision.   Or   1. the plasticiser(s) is classified with one or more of the following derogated hazard statements: EUH070, H301, H311, H331, H371, H373, H411, H412, H413 or is TBBPA (***please circle those that apply****)*   ***and I attach relevant documentation e.g. safety data sheets*** | |
| ***Responsible person’s signature:*** |  |
| ***Responsible person’s name in CAPITALS:*** |  |
| ***Position held:*** |  |
| ***Date:*** |  |
| ***Company Stamp:*** |  |

# External cables

Includes: Power cable (AC and DC power cords), modem cable and LAN cable if applicable, HDMI cable and RCA cable.

|  |  |
| --- | --- |
| Declaration for:  2.1.(a) Restriction of SVHCs  2.1.(b) Restrictions on the presence of specific substances  2.1(c) — Restrictions on substances classified under Regulation (EC) No 1272/2008  ***to be completed by external cable supplier only*** | |
| *I, the undersigned, hereby declare that ­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert name of product****):*  *a). does not contain SVHCs[[5]](#footnote-5)* *in concentrations above 0.10 % (weight by weight).*  *b) does not contain any of the following organotin stabiliser compounds: Dibutyltin oxide, Dibutyltin diacetate, Dibutyltin dilaurate, Dibutyltin maleate, Dioctyl tin oxide, Dioctyl dilaurate* ***that*** *are classified with the following hazard statements: H300, H304, H310, H330, H340, H341,H350, H350i, H351, H360D, H360F, H360FD, H360Fd, H360Df, H361d, H361f, H361fd, H362, H370, H371, H400, H410.*  *c) does/does not (****please delete as appropriate****) contain any of the following Polycyclic Aromatic Hydrocarbons (PAHs) in Groups 1 & 2:*   |  |  |  | | --- | --- | --- | | ***Group 1****:* |  |  | | *Benzo[a]pyrene* | *Benzo[a]anthracene* | *Benzo[b]fluoranthene* | | *Chrysen* | *Dibenzo[a,h]anthracene,* | *Benzo[k]fluoranthene* | | ***Group 2:*** |  |  | | *Acenaphthene* | *Anthracene* | *Acenaphthylene* | | *Benzo[ghi]perylene* | *Fluoranthene* | *Fluorene* | | *Indeno[1,2,3-cd]pyrene* | *Naphthalene* | *Phenanthrene* | | *Pyrene* |  |  |   ***that*** *are classified with the following hazard statements: H300, H304, H310, H330, H340, H341,H350, H350i, H351, H360D, H360F, H360FD, H360Fd, H360Df, H361d, H361f, H361fd, H362, H370, H371, H400, H410.*  *and*  *d)*  *if the external cable does contain any Group 1 and/or Group 2 PAHs, the concentration limit for each of the PAHs listed above in Group 1 (i.e. restricted under REACH) is no greater than 1 mg/kg and the sum total concentration limit for the PAHs in both Groups 1 and 2 is not greater than 10 mg/kg and* ***I attach test results confirming thi*s**[[6]](#footnote-6)*.*  *e)* *Diisononyl phthalate (DINP), Diisodecyl phthalate (DIDP) are not be used in external power cables.*  ***Flame retardants used in the external cables at or above a concentration limit of 0,10% (weight by weight)***  *f) As the supplier of the external cable (s) to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert the name of the applicant****), I, the undersigned, hereby declare that,*  *we use the following flame retardants:*  *­­­­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert names****)*  *And that either:*   1. the flame retardants are not assigned any of the hazard classes, categories and associated hazard statement codes listed in Table 1 of the Commission Decision.   Or   1. the flame retardants and or synergists are Antimony trioxide (Sb2O3) or classified with one or more of the following derogated hazard statements: EUH070, H301, H311, H331, H371, H373, H411, H412, H413 or is TBBPA (***please circle those that apply****)*   ***and I attach relevant documentation e.g. safety data sheets***  ***Plasticisers used in the external cables at or above a concentration limit of 0,10% (weight by weight)***  *g) As the supplier of the external cable (s) to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert the name of the applicant****), I, the undersigned, hereby declare that,*  *we use the following flame retardants:*  *­­­­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert names****)*  *And that either:*   1. the plasticiser(s) is not assigned any of the hazard classes, categories and associated hazard statement codes listed in Table 1 of the Commission Decision.   Or   1. the plasticiser(s) is classified with one or more of the following derogated hazard statements: EUH070, H301, H311, H331, H371, H373, H411, H412, H413 or is TBBPA (***please circle those that apply****)*   ***and I attach relevant documentation e.g. safety data sheets*** | |
| ***Responsible person’s signature:*** |  |
| ***Responsible person’s name in CAPITALS:*** |  |
| ***Position held:*** |  |
| ***Date:*** |  |
| ***Company Stamp:*** |  |

# External housing

Includes: Back cover, front cover (bezel decoration) and stands

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| --- | --- |
| Declaration for:  2.1.(a) Restriction of SVHCs  2.1.(b) Restrictions on the presence of specific substances  2.1(c) — Restrictions on substances classified under Regulation (EC) No 1272/2008  *to be completed by the supplier of the* ***external plastic housing*** *(includes: Back cover, front cover (bezel decoration) and stands)* | |
| *As the supplier of external plastic housing,. I, the undersigned, hereby declare that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert name of products(s)****)*  *a) does not contain SVHCs[[7]](#footnote-7) in concentrations above 0,10 % (weight by weight).*  *b) does not contain the following colourants:*   * *Azo dyes that may cleave to the carcinogenic aryl amines listed in Appendix 8 of the REACH Regulation[[8]](#footnote-8), and/or* * *Colourant compounds included in the IEC 62474 declarable substances list[[9]](#footnote-9).*   ***c)*** *Plastic parts >25g do not contain chlorinated polymers.*  ***Plasticisers used in the external housing at or above a concentration limit of 0,10% (weight by weight)***  *d) As the supplier of the external housing to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert the name of the applicant****), I, the undersigned, hereby declare that,*  *we use the following flame retardants:*  *­­­­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert names****)*  *And that either:*   1. the plasticiser(s) is not assigned any of the hazard classes, categories and associated hazard statement codes listed in Table 1 of the Commission Decision.   Or   1. the plasticiser(s) is classified with one or more of the following derogated hazard statements: EUH070, H301, H311, H331, H371, H373, H411, H412, H413 or is TBBPA (***please circle those that apply****)*   ***and I attach relevant documentation e.g. safety data sheets*** | |
| ***Responsible person’s signature:*** |  |
| ***Responsible person’s name in CAPITALS:*** |  |
| ***Position held:*** |  |
| ***Date:*** |  |
| ***Company Stamp:*** |  |

# LED backlights (LED arrays)

| Declaration for:  2.1.(a) Restriction of SVHCs  2.1.(b) Restrictions on the presence of specific substances  *to be completed by the* ***Liquid Electronic Display backlight*** *manufacturer/supplier* | |
| --- | --- |
| *As the supplier/manufacturer of the LED backlight, I, the undersigned, hereby declare that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert name of products(s)****)*  *a) does not contain SVHCs[[10]](#footnote-10) in concentrations above 0,10 % (weight by weight).*  *b) does not contain Cadmium in metal solder and contacts in concentrations at or above 0,10 % (weight by weight). (****Please provide a valid test result using test method: IEC 62321-3-1****).*  *c) does not contain Mercury.*  ***c)*** *Plastic parts >25g (if relevant) do not contain chlorinated polymers.* | |
| ***Responsible person’s signature:*** |  |
| ***Responsible person’s name in CAPITALS:*** |  |
| ***Position held:*** |  |
| ***Date:*** |  |
| ***Company Stamp:*** |  |

# Screen glass

| Declaration for:  2.1.(b) Restrictions on the presence of specific substances  ***to be completed by the screen glass manufacturer/supplier*** | |
| --- | --- |
| *As the supplier/manufacturer of the LCD display unit glass and screen cover glass, I, the undersigned, hereby declare that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (****please insert name of products(s)****) does not contain Arsenic and its compounds above 0.0050% w/w and I* ***attach an analytical testing report confirming this*** | |
| ***Responsible person’s signature:*** |  |
| ***Responsible person’s name in CAPITALS:*** |  |
| ***Position held:*** |  |
| ***Date:*** |  |
| ***Company Stamp:*** |  |

# LCD display

| Declaration for:  2.2. - Activities to reduce supply chain fluorinated greenhouse gas (GHG) emissions  ***to be completed by the applicant or LCD display supplier*** | | | |
| --- | --- | --- | --- |
| *I, the undersigned, hereby declare that activities have been undertaken to reduce reduce supply chain fluorinated greenhouse gas emissions from the production process.*  ***Please provide:***  *(a) Specifyn which of the F-GHGs are used and which are being reduced. In particular* *the gases NF3, SF6; and family of gases PFCs and HFCs*  *(b) Annual F-GHGs emissions intensity (in kg CO2eq per m² of flat panel displays (array glass) produced) across manufacturing fabs for the most recent year.*  *(c) Indication of the destruction or removal efficiencies (DREs) of installed abatement systems for each of the F-GHGs used.* | | | |
| *F-GHG* | *Destruction or removal efficiency* | | *Reduced? Please provide amounts pert m2 of panel per year* |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| *Annual F-GHGs emissions intensity \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_kg CO2eq per m*  *Please provide* ***supporting documentation*** *e.g. technical dossiers of abatement systems installed by suppliers, most recent annual reports on F-GHG emissions.* | | | |
| ***Responsible person’s signature:*** | |  | |
| ***Responsible person’s name in CAPITALS:*** | |  | |
| ***Position held:*** | |  | |
| ***Date:*** | |  | |
| ***Company Stamp:*** | |  | |

1. http://echa.europa.eu/candidate-list-table [↑](#footnote-ref-1)
2. http://echa.europa.eu/candidate-list-table [↑](#footnote-ref-2)
3. Using test methodology AfPS GS 2014:01 PAK [↑](#footnote-ref-3)
4. http://echa.europa.eu/candidate-list-table [↑](#footnote-ref-4)
5. http://echa.europa.eu/candidate-list-table [↑](#footnote-ref-5)
6. Using test methodology AfPS GS 2014:01 PAK [↑](#footnote-ref-6)
7. http://echa.europa.eu/candidate-list-table [↑](#footnote-ref-7)
8. http://echa.europa.eu/addressing-chemicals-of-concern/restriction/list-of-restrictions/appendix-8-list-of-aromatic-amines [↑](#footnote-ref-8)
9. http://std.iec.ch/iec62474/iec62474.nsf/MainFrameset [↑](#footnote-ref-9)
10. http://echa.europa.eu/candidate-list-table [↑](#footnote-ref-10)