

Table 2 Water quality items and limits of discharge from the optoelectronic materials and components manufacturing industry

| Item | | Limit | Remarks |
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| Water temperature | Discharge into non-marine surface water bodies | Lower than 38°C (for May to September) | |
| | | Lower than 35°C (for October to next April) | |
| | Direct discharge to the ocean | Water temperature at discharge point \leq 42°C; temperature difference of surface water 500m from discharge point \leq 4°C | |
| Hydrogen ion concentration index | | 6.0—9.0 | |
| Villiaumite | | 15 | |
| Nitrite nitrogen | | 50 | |
| Ammonia nitrogen | Discharged into tap water quality and volume protection area | 10 | |
| | Discharged into places outside tap water quality and volume protection area | Constructed, under construction or tendering procedures completed before Oct. 12, 2012 | 30 |
| | | Tendering procedures not completed before Oct. 12, 2012 | 20 |
| Orthophosphate (calculated based on trivalent phosphate ion) | Discharged into tap water quality and volume protection area | 4.0 | |
| Phenols | | 1.0 | |
| Anion surfactant | | 10 | |
| Cyanide | | 1.0 | |
| Grease (Hexane extracts) | | 10 | |
| Dissolved iron | | 10 | |
| Dissolved manganese | | 10 | |
| Cadmium | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 | 0.03 | |
| | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 with an approved discharge volume more than 500m ³ /day | 0.02 | In effect from Jan. 1, 2021. |
| | Tendering procedures not completed before Dec. 25, 2017 | 0.02 | |
| Lead | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 | 1.0 | |
| | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 with an approved discharge volume more than 500m ³ /day | 0.5 | In effect from Jan. 1, 2021. |

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| | Tendering procedures not completed before Dec. 25, 2017 | 0.5 | |
| Total chromium | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 | 2.0 | |
| | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 with an approved discharge volume more than 500m ³ /day | 1.5 | In effect from Jan. 1, 2021. |
| | Tendering procedures not completed before Dec. 25, 2017 | 1.5 | |
| Hexavalent chromium | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 | 0.5 | |
| | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 with an approved discharge volume more than 500m ³ /day | 0.35 | In effect from Jan. 1, 2021. |
| | Tendering procedures not completed before Dec. 25, 2017 | 0.35 | |
| Copper | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 | 3.0 | |
| | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 with an approved discharge volume more than 500m ³ /day | 1.5 | In effect from Jan. 1, 2021. |
| | Tendering procedures not completed before Dec. 25, 2017 | 1.5 | |
| Zinc | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 | 5.0 | |
| | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 with an approved discharge volume more than 500m ³ /day | 3.5 | In effect from Jan. 1, 2021. |
| | Tendering procedures not completed before Dec. 25, 2017 | 3.5 | |
| Nickel | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 | 1.0 | |
| | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 with an approved discharge volume more than 500m ³ /day | 0.7 | In effect from Jan. 1, 2021. |
| | Tendering procedures not completed before Dec. 25, 2017 | 0.7 | |
| Selenium | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 | 0.5 | |
| | Constructed, under construction or tendering procedures | 0.35 | In effect from Jan. 1, 2021. |

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| | completed before Dec. 25, 2017 with an approved discharge volume more than 500m ³ /day | | |
| | Tendering procedures not completed before Dec. 25, 2017 | 0.35 | |
| Arsenic | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 | 0.5 | |
| | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 with an approved discharge volume more than 500m ³ /day | 0.35 | In effect from Jan. 1, 2021. |
| | Tendering procedures not completed before Dec. 25, 2017 | 0.35 | |
| Tin | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 with an approved discharge volume more than 500m ³ /day | 2.0 | In effect from Jan. 1, 2021. |
| | Tendering procedures not completed before Dec. 25, 2017 | 1.0 | |
| Total mercury | | 0.005 | |
| Silver | | 0.5 | |
| Boron | Discharged into tap water quality and volume protection area | 1.0 | |
| | Discharged into places outside tap water quality and volume protection area | 5.0 | |
| Sulfide | | 1.0 | |
| Biochemical oxygen demand | | 30 | |
| Chemical oxygen demand | | 100 | |
| Suspended solids | | 30 | |
| True color | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 | 550 | |
| | Tendering procedure not completed before Dec. 25, 2017 | 400 | In effect from Jan. 1, 2021. |
| Free available residual chlorine | Constructed, under construction or tendering procedures completed before Dec. 25, 2017 | 300 | |
| | Tendering procedure not completed before Dec. 25, 2017 | 2.0 | In effect from Jan. 1, 2021. |
| Indium | | 2.0 | |
| Gallium | | 0.1 | |
| Molybdenum | | 0.1 | |
| Total toxic organics | | 0.6 | |
| Total toxic organics | | 1.37 | |
| N-methylpyrrolidone 2-Methoxy-1-propano Dimethylacetamide N-Methylformamide Diethylene glycol dimethyl ether | Approved discharge volume more than 10,000 m ³ per day except for those only engaging in polishing, cutting, testing or packaging. | 1.0 | In effect from Jan. 1, 2021. |
| | | 0.1 | |
| | | 0.1 | |
| | | 1.0 | |
| | | 1.0 | |