

3.5.3 Environment-Related Substances Management

In 2010, LITEON implemented the LITEON LS301 standards by following the IECQ QC 080000 system and taking into account the latest trends in other countries, regulations, and customer needs. The LS301 standards apply to all products. The LS301 standards are revised from time to time after calibration with different versions adopted by different business units. The total number of restricted substances reached 323 in 2020.

The in-house Green product Management System (GMS) works with the "restricted substances management" and "design development management" procedures already in place as well as the LS301 standards for hazardous substance management. LITEON also requires that suppliers (including contractors) comply with the LITEON Guidelines for Green Procurement and submit the Supplier Statement of Restricted Substances Compliance for material/part acknowledgment and internal control. Furthermore, LITEON states explicitly in all procurement contracts the strict requirement for materials, parts, or semi-finished goods to comply with or exceed RoHS, REACH, California Proposition 65, and Montreal Protocol. With the implementation of green supply chain management, we hope to achieve the goal of sourcing environmentally friendly materials, manufacturing and providing to our customers low-toxicity and low-pollution products to minimize any harmful impact they may have on the human body or the environment.

LITEON Standard of Controlled Hazardous Substance (LS301)

112 restricted substances (including 13 items Reporting Substances)	<ul style="list-style-type: none"> • Lead (Pb) and compounds • Cadmium (Cd) and compounds • Mercury (Hg) and compounds • Hexavalent chromium (Cr(VI)) and compounds • Polybrominated biphenyls (PBBs) • Polybrominated diphenyl ethers (PBDEs) • Phthalate esters (DEHP/DBP/BBP/DINP/DIDP/DNOP)
REACH 211 substances of very high concern	<ul style="list-style-type: none"> • EU REACH SVHC 1-211 • Bis(2-(2-methoxyethoxy)ethyl)ether • Dioctyltin dilaurate, stannane • Stannane, dioctyl-, bis(coco acyloxy)derivs

LITEON installs the Green product Management System (GMS) to effectively manage and review compliance with the LS301 criterion for raw materials, parts, or semi-finished goods provide by the suppliers. GMS combines material requirements, international laws, international directives, customer policies, and supplier information. Suppliers file product testing and analysis results for the system to determine automatically whether they comply with the rules and directives. LITEON will summarize and analyze the data, and check the degree of compliance with the LS301 standards. Furthermore, GMS not only actively delivers information on green product management at LITEON to customers, but also feeds environmental requirements or provisions for green products, such as ErP, WEEE, and 3R, from customers into the management system to provide a basis for green product design.

