

ISO 9001

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An international standard for quality management system requirements established by the International Organization for Standardization (ISO).

ISO/TS 16949

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The requirements for application of ISO 9001 by organizations within the automotive sector.

DRBFM

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Design Review Based on Failure Mode. An analytical design review method that applies multiple perspectives to discover and prevent design problems that may occur from changes and modifications to system specifications.

RoHS Directive

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Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment. A European Union directive to restrict the use of certain hazardous substances such as lead, mercury, cadmium, hexavalent chromium compounds, and polybrominated flame retardants (PBB, PBDE) in electrical and electronic equipment. RoHS was enacted on July 1, 2006.

ISO 14001

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A standard for environmental management systems established by the International Organization for Standardization (ISO).

PFC

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Perfluorocompounds. PFCs have a long atmospheric life and a global warming potential (GWP) index of several thousand. PFCs are used as etching and cleaning gases in semiconductor manufacturing processes.

LCA

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Life-Cycle Assessment. A method for quantitatively and objectively evaluating the environmental impact of product materials through all stages of the product life cycle of raw material extraction, manufacturing, distribution, use, and disposal.

EPD (Type III environmental label)

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Environmental product declarations. The Swedish Environmental Management Council conducts a certification program for Type III environmental labels. There are three types of environmental labels that certify products as being environmentally friendly: Type I, certified by a governmental agency or private non-commercial entity (symbol mark); Type II, self-declared environmental claims by manufacturers and retailers; and Type III, certified by a third-party organization (quantitative information based on life-cycle assessments). EPD is a representative Type III environmental label.

Greenhouse gases

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Gases such as carbon dioxide, methane, nitrous oxide, HFCs (hydrofluorocarbons, a substitute for CFCs), PFCs (perfluorocarbons), and SF₆ (sulphur hexafluoride) that contribute to global warming.

GWP

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Global warming potential. An index used to measure global warming, calculated as the ratio of the effect of the emission of 1 kilogram of a greenhouse gas to that of the emission of 1 kilogram of carbon dioxide.

PRTR

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Pollutant Release and Transfer Register. Japan enacted the Law for PRTR (Pollutant Release and Transfer Register) and Promotion of Chemical Management in 1999 to cooperate in the global effort by government organizations to develop systems to compile and publicly release information submitted by companies on the quantity of toxic chemical substances they release into the environment and transfer in products and waste.

Green procurement

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Priority procurement of products from companies that are selected on the basis of their active efforts to reduce environmental impact and protect the environment. NEC Electronics procures products from purchasing partners that meet standards we define.

CSR procurement

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Priority procurement of products from companies that are selected on the basis of whether they are fulfilling their corporate social responsibilities. CSR procurement is an expansion of the concept of green procurement.

Indirect materials

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Materials that are used in manufacturing process but are not contained in products. Materials contained in products are called direct materials.