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Landis+Gyr

Green Procurement Requirements

(Annex to Supplier Code of Conduct)

Changes since last Revision

Revision	Date	Modified by	Remarks
1.0	28/01/2020	S.Ishikawa, F.Trott, P.Sullivan, C.Hope, P. Schonmann	First version of L+G Green Procurement Requirements (superseded Toshiba Green Procurement Guidelines).



1. Introduction

This document describes Landis+Gyr's guidelines to its suppliers concerning the supply of parts and components, materials, units, Products and secondary materials (as defined in the General Supplier Agreement) in the context of Corporate Social Responsibility and Green procurement. Landis+Gyr develops and provides environmentally sustainable products and services, which help reduce environmental impacts throughout their life cycles. Green procurement is essential for that purpose and Landis+Gyr expects its suppliers and partners to engage in environmentally relevant topics and fulfil product environmental requirements.

2. Environmental Compliance Requirements

2.1. Conflict Minerals Reporting

Landis+Gyr actively strives to prevent the use Conflict Minerals within our products and requires that its suppliers and partners shall share this objective. Landis+Gyr has adopted the SEC Rule 1502 (US only) & OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas. Suppliers and partners are requested to complete and submit the following Responsible Minerals Initiative (RMI) templates:

- [Conflict Minerals Reporting Template \(CMRT\)](#) to prevent the use of Tin, Tantalum, Tungsten & Gold (3TG) from conflict sources.
- [Cobalt Reporting Template \(CRT\)](#) to prevent the use of Cobalt from conflict sources.

Both the CMRT form and the CRT form shall be submitted to Landis+Gyr every two (2) years or when requested by Landis+Gyr based on perceived risk.

2.2. Supply of Products, Parts and Components, Materials with Minimal Environmental Impacts

Suppliers are requested to design and implement a system for the thorough management of those materials, components and processes which may have negative environmental impact. A special focus lies on chemical substances in products, including the following actions:

- 1) Establishment of a design approach to pursue resource sustainability (green design), for example: reduce material usage, design assemblies to be easily disassembled at end of life to maximise recyclability.
- 2) Establishment of a system for identification and management of hazardous chemical substances in products.
- 3) Procurement of parts, components and materials with minimal environmental impacts, including a reduction in the use of hazardous chemical substances.

To strengthen partnerships with Suppliers that are vigorously engaged in environmental protection activities, we conduct surveys of Suppliers' environmental protection activities, mainly on the items described above.



2.3. Banned & Restricted Substances Reporting (e.g. REACH, RoHS)

Landis+Gyr contracts with customers based in many different countries throughout the world. Many of these countries or jurisdictions demand compliance with their own specific laws, regulations and/or guidance ("Environmental Requirements"). Within the body of the specification, purchase order / agreement, Landis+Gyr may specify the respective law, regulation and/or guidance with which the product shall comply. Where the specification, purchase order / agreement does not specify applicable requirements, then the delivered supply items shall comply with the law, regulation or guidance in the country / jurisdiction of the destination of the delivered supply, as described in the table below:

Region/Country	Environmental Requirement
EMEA: Europe, Middle East and Africa	European Union: - RoHS: 2011/65/EU (inc. 2015/863) - REACH: Regulation (EC) No 1907/2006. - Persistent Organic Pollutants (POP)
North America	USA: - CA Proposition 65
Asia Pacific	<i>No required environmental regulation</i>
South America	<i>No required environmental regulation</i>

The Supplier shall indicate that the products are compliant with the appropriate product environmental requirements through certification. This can be achieved by using the L+G generic Supplier Declaration Certificate template by ticking the relevant box on the template. The latest version of the template can be found at www.landisgyr.com (Corporate Social Responsibility). Alternatively, the Supplier can use their own Supplier Declaration Certificate, which shall include at least the same level of detail as required by the Landis+Gyr template. Landis+Gyr will also accept Full Material Declarations & Analytical Test Reports (or a combination of all three).

2.4. Supplier Declaration Certificate & Information Submission

Suppliers supplying material to Landis+Gyr shall provide a Supplier Declaration Certificate against the above product environmental compliance requirements. The declaration will be valid for a maximum period of 2 years and shall cover all parts, components, materials, units, Products and associated package supplied to Landis+Gyr (as defined in the General Supplier Agreement). Where products become non-compliant to applicable Environmental Requirements, the supplier shall notify Landis+Gyr and provide Landis+Gyr with instructions on the safe use of the delivered product within 30 days of the update.

The Supplier shall retain appropriate technical documentation (e.g. in accordance with IEC 63000, SDS, AIS, Declaration of Conformity Certificates, Test Results) from Sub-suppliers for all the components and raw material used for the manufacturing of parts for Landis+Gyr. The Supplier will also be expected to make available on request a written description of how they validate the quality and trustworthiness of sub-supplier technical documentation (e.g. through a testing regime).



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Where requested, the Supplier shall provide full material declaration (e.g. % of weight of each individual material or substance) to Landis+Gyr according to specific standards (e.g. IEC 63000) within 30 days unless agreed differently through the parties' contract.

The above documents shall be made available to Landis+Gyr as soon as possible after order receipt but no later than together with the first batch delivery date. Documents shall be submitted to the Landis+Gyr email address: greenprocurement@landisgyr.com.

3. Promotion of Environmental protection by suppliers

To promote green procurement, Landis+Gyr requests suppliers and business partners, to positively engage in the promotion of environmental protection, and the supply of products, parts and components and materials with minimal environmental impact. We request suppliers to understand our requests and cooperate with us to allow for joint improvements.

3.1. Environmental Management Systems

We request suppliers to engage in environmental protection (establishment of environmental policy, implementation of system, provision of training and education, etc) in accordance with ISO14001 or equivalent Environmental Management System..