



03/28/2013

Letter to Suppliers from GarTech Enterprises, Inc.

Subject: European Union Restriction of Hazardous Substances (RoHS)

Dear Valued Supplier:

GarTech Enterprises is committed to protecting the environment and complying with the European Directive (EU) 2002/95/EC regarding the Restriction of Hazardous Substances (RoHS). To this end GarTech Enterprises is taking steps internally to ensure full compliance with RoHS.

As a supplier to GarTech Enterprises you must comply with, related to RoHS and our business relationship. GarTech reserves the right to inspect the supplier's facility, to verify RoHS compliance and the related RoHS systems.

General Requirements:

1) COMPLIANCE: GarTech Enterprises requires compliance to the European Directive (EU) 2002/95/EC, titled "Restriction of the use of certain Hazardous Substances in Electronic Equipment" for control of lead, cadmium, hexavalent chromium, mercury, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE). This legislation restricts the sale of electrical and electronic equipment throughout the entire EU territory after July 1, 2006.

The following Concentration Limits (MCV's) will apply:

- Lead (Pb) < 0.1 % by weight
- Mercury (Hg) < 0.1 % by weight
- Cadmium (Cd) < 0.01 % by weight
- Chromium VI (Cr VI) < 0.1 % by weight
- PBB < 0.1 % by weight
- PBDE < 0.1 % by weight

These limit values will apply to each "homogenous material" within a component. "Homogenous Material" is defined as "a material that can not be mechanically disjointed into other materials". At a minimum, the requirement for the measurement of MCV's within a component must flow down the entire supply chain, even to the source of each homogenous material and the data records of such must be retained by each supplier in the supply chain, including the source of each homogenous material, for a minimum of four years after the sale of the product.

Specific Requirements:

2) DEVIATIONS: GarTech Enterprises requires written notification or any variance from the Restriction of Hazardous Substances (RoHS). Notification must be sent to info@gartechenterprises.com.

3) FUTURE RESTRICTIONS: The European REACH Regulations, released in November 21, 2012, list various

substances of Very High Concern (SVHC) which are subject to regulation. These substances will soon be prohibited. Gartech is making all suppliers aware of future restrictions which will be going into effect.

<u>EC Number</u>	<u>CAS Number</u>	<u>Prohibited Date</u>	<u>% by weight</u>
Tris(2-chloroethyl)phosphate (TCEP)	204-118-5	08/21/2015	< 0.1 % by weight
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	08/21/2015	< 0.1 % by weight
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	05/21/2014	< 0.1 % by weight
Lead chromate	231-846-0	05/21/2015	< 0.1 % by weight
Hexabromocyclododecane (HBCDD), alpha-hexabromocyclododecane, beta-hexabromocyclododecane, gamma-hexabromocyclododecane	221-695-9, 247-148-4	08/21/2015	< 0.1 % by weight
Diisobutyl phthalate (DIBP)	201-553-2	05/21/2015	< 0.1 % by weight
Dibutyl phthalate (DBP)	201-557-4	02/21/2015	< 0.1 % by weight
Diarsenic trioxide	215-481-4	05/21/2015	< 0.1 % by weight
Diarsenic pentaoxide	215-116-9	05/21/2015	< 0.1 % by weight
Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	02/21/2015	< 0.1 % by weight
Benzyl butyl phthalate (BBP)	201-622-7	02/21/2015	< 0.1 % by weight
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	201-329-4	08/21/2014	< 0.1 % by weight
4,4'-Diaminodiphenylmethane (MDA)	202-974-4	08/21/2014	< 0.1 % by weight
2,4 – Dinitrotoluene (2,4-DNT)	204-450-0	02/21/2015	< 0.1 % by weight

Additionally, Gartech prohibits any radioactive substances within its produces. Thus all radioactive substance are prohibited on Gartech properties. Gartech reserves the right to inspect the supplier's parts or transportation carrier.

Radioactivity (any type of ionizing radiation) above background levels, measured 1m from source 0.5 µSv/hr(50 µR/hr)

Your cooperation in complying with ROHS and other environmental requirements and providing rapid response to Gartech's requirements is greatly appreciated as an important part of being a supplier to Gartech Enterprises.

Thank you again for your cooperation.

Sincerely,

Thanks, Joe Bastian

Production Manager
Gartech Enterprises, Inc.