

PART NUMBER: 048266

REVISION: H

DESCRIPTION: PRODUCT & MATERIAL ENVIRONMENTAL SPECIFICATION FOR SUPPLIER BASE

WRITTEN BY: REGULATORY ENGINEERING

APPROVED BY: ENGINEERING STEERING TEAM, BUSINESS TEAM LEADERS, AND PROCUREMENT LEADERS

1. Scope

This document applies to parts and material used by Hypertherm to manufacture equipment where referenced on contracts, drawings, part specifications or purchase orders.

Compliance with this specification requires compliance to all applicable requirements, however, some requirements of this specification, e.g. packaging directive, battery directive, ozone depleting directive and conflict minerals, etc., may not apply to all parts.

2. Purpose

The purpose of this document is to define the supply chain requirements on parts or material necessary for Hypertherm's equipment manufacturing operations to satisfy the local environmental directives / regulations worldwide.

Note: The environmental information obtained from suppliers may be used to facilitate the following:

- Prepare declarations of conformity for applicable regulations and directives
- Demonstrate compliance for exporting Hypertherm's products globally
- Generate recycling instructions upon request from authorized recyclers or authorities
- Achieve compliance demonstrating "due diligence" and leadership in environmental stewardship within the Plasma Cutting Industry.

3. Definitions

Supplier – The manufacturer, manufacturer's representative, distributor or other party that supplies Hypertherm a part or service.

4. Supplier Requirements

4.1 Applicable Regulations/Directives

Suppliers are expected to understand the regulations and directives applicable to raw materials, chemicals added during the manufacturing process, and packaging for each of the parts supplied to Hypertherm. Refer to Table A for a list of regulations/directives.

4.2 Acceptable Documentation

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Each regulation or directive may require several ways to show compliance. Showing compliance and the acceptable documentation depends on where the material/product is in the supply chain. The following are some examples of acceptable documentation:

- Certificate of Compliance
- Full Material Disclosure
- Formal test results showing material/product chemical composition
- Letter of acknowledgment or statement
- Online access to documents that show compliance
- IPC 1752 Material Declaration
- Documents of Exceptions

Table A

Notes:

1. The “Information Details” field in the table provides the website and, in some cases, the link where the details for each regulation can be found.

Regulation/Directive	Information Details & Key words for searching	General Applicability
RoHS 2011/65/EU	https://ec.europa.eu/ European Commission "RoHS Directive"	Electrical & Electronic Components, Printed Circuit Boards
WEEE 2002/96/EC	https://ec.europa.eu/ European Commission "WEEE Directive"	Electrical & Electronic Components, Printed Circuit Boards
REACH 2006/121/EC	https://ec.europa.eu/ European Commission	Any material or component
California Prop 65	https://oehha.ca.gov/proposition-65 California Office of Environmental Health Hazard Assessment	Any material or component
Directive 94/62/EC on	https://ec.europa.eu/	Final product

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Packaging and Packaging Waste	European Commission "/62/EC on packaging"	or materials used for purposes of product packaging
Directive 2006/66/EC, on batteries and waste batteries	https://ec.europa.eu/ European Commission	Products that contain batteries
Conflict Minerals, SECURITIES AND EXCHANGE COMMISSION (SEC) 17 CFR Parts 229 and 249	https://www.sec.gov US Securities and Exchange Commission	Any material or component
(EC)No 2037/2000 Substances that deplete the ozone layer	https://ec.europa.eu/ European Commission	Any product

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Revision History:

Revision	Date	Section	ECO	History Change
A	02-10-06	-	14784	See 048266 AutoCAD (pdf) drawing Rev A
B	03-09-06	-	15024	See 048266 AutoCAD (pdf) drawing Rev B
C	04-12-06	-	15173	See 048266 AutoCAD (pdf) drawing Rev C
D	12-20-06	-	16037	Combined 048266 Revision C and 048268 Revision B AutoCAD drawings to one Word document 048266.
E	12-04-08	1.0, 2.0, 2.1, 3.1.1, 3.2.1, 3.3, 3.3.1, 3.3.2, 3.4, 3.4.1, 3.5, 3.5.1, 4.0, 4.1, 4.2, 5.1, 5.2 Appendix A	17320	Various editorial updates and added Section structure. Add REACH requirements. Added Documentation Requirements. Modify PCB requirements section and moved portions to 048278. Add APPENDIX A Add Revision History
F	7-22-11	Various	20202	Revision release for RoHS Recast. Update Scope section. Add Purpose section. Add Packaging Directive, Battery Directive, CA Prop 65, US Conflict Minerals, Supplier regulatory sharing requirements. Update REACH SVHC list. Add ANNEX A (RoHS), B (WEEE) and C (REACH SVHC) Add supplier responsibility to all sections for supplier to notify Hypertherm of non-compliance.
F	10-13-11	Appendix A	N/A Editorial Only	Editorial Revised Document #'s in Appendix A, to reflect new Global Document Center (SharePoint) numbering system after server transfer from the W: Drive
G	17-Mar-17	1 – Scope, 2-Purpose 4.1 Annex A,ROHS Annex C REACH	27020	Delete cutting from Scope & Purpose to allow for broader use, if appropriate Delete old reference in 4.1 Add new RoHS Substances to Annex A Add new REACH substances to Annex C
H	20-Jan-20	Various	30802	Modified to be consistent with new Product/Material Environmental Policy