

Scope, Objective

- The Bosch Standard N 2580 applies for the Robert Bosch Company worldwide (RB, TOGE, RG) and in all business units.
- The objective of the N2580 is:
 - to minimize negative environmental influences of Bosch-Products
 - to protect customers as well as employees from health damages
 - to comply with legal and customer requirements
- Parts of N 2580
 - 1 General, overview: for all materials supplied to the whole of Bosch Group worldwide
 - 1.1_UBK: for all materials supplied to business sector *automotive* technology
 - 1.1_UBI/UBG for all materials supplied to business sectors *industrial* technology, *consumer goods* and *building* technology
 - 1.2 Applies to the auxiliary manufacturing materials (e.g. Lubricants, Test media, Anticorrosive agents, ...) supplied to the whole of Bosch Group Germany and recommended for Bosch Group worldwide
- Bosch Business sectors and divisions: <http://www.bosch.com/content/language2/html/3293.htm>
- Download N 2580: http://purchasing.bosch.com/en/start/fl_index.htm

Hint: These information is only to explain the norm. Part of the contract is the norm itself.



Alterations N 2580 Issue 2008

- Part 1.1 of the Bosch Standard (Product raw materials, EZRS) divided into Part UBK and Part UBI/G. Duty of Declaration moderated for business sectors industrial technology (UBI), consumer goods and building technology (UBG), short list (Section 2.1 Bosch requirements) for Declaration of PAK and flame retardants.
- Inclusion of the *EU Directive on Batteries* in Part 1.1 UBI/UBG
- Inclusion of REACH in Part 1 to sensitize suppliers
- Note on “Verification management” included (chemical analyses in order to control supplier indications in N 2580-INT with reference to N42AP 930)
- Clarification of handling “Trading goods” (application of Part 1.1)
- Cut of Bosch *special requirements* in Part 1.1, Table 1; Adjustment to state-of-the-art technology in agreement with concerned technical departments and new GADSL entries.
- Inclusion of new materials in GADSL
- Languages available in NormMaster: German, English, French, Spanish, new: Chinese
- N2580 restructured: Item “Changes” editorially compiled in section 4.

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List of substances

- legislation has priority compared to N 2580 (e.g. end of life vehicles 2000/53/EC, RoHS 2002/95/EC, ...)
- reference to www.gadsl.org (global automotive declarable substance list – standard in Automotive industry) in addition some special Bosch requirements
- GADSL will be revised every February and is available for free in internet.
- The **prohibited** substances of GADSL apply to the BOSCH business sector *automotive technology, industrial technology, consumer goods and building technology*
exclusive exemption:
If neither RoHS nor end of life directive 2000/53/EC apply on the product Pb and Cr6 are **currently** still allowed.
Legislation has to be fulfilled in every case!
- EU legislation: <http://www.eur-lex.europa.eu>

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EU-RoHS 2002/95/EC

- For all parts which are in scope of EU-RoHS, EU-RoHS is valid worldwide!
- EU-RoHS compliance is not necessary (outside of EU), only if it is explicit required in order documentation (for sale only in non-EU-countries)

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Approval & Declaration

- In case of **prohibited** substances suppliers have to contact their Bosch purchasing contact.
- **Approval:** Suppliers are under obligation to confirm on the occasion of the initial sample inspection and/or initial delivery.
- **Declaration:** Substances rated *declarable* are to be declared.
- **When to declare?**
 - New sample inspections
 - Modification sample inspections/alterations according to section 2.5 “Alterations”
 - First-ever order
- **Where to declare?**
 - for materials supplied to business sector automotive technology suppliers have to use the International Material Data System – IMDS (www.mdssystem.com), Bosch account: #202
 - for materials supplied to business sectors industrial technology, consumer goods and building technology suppliers have to use attached paper supplement

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