



INFORMATION FOR CUSTOMERS

FREEDOM FROM EMISSIONS OF HAZARDOUS SUBSTANCES IN ACCORDANCE WITH EN 1090

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The EN 1090 standard requires the use in structural steel engineering of starting materials and semi-worked products which are free of hazardous substances. The term "hazardous substances" in accordance with this standard relates to the material's properties in terms of the release of radioactive radiation and cadmium. EN 1090 also states that these preconditions are met provided products in accordance with EN 10025, Parts 1 to 6, are used. The structural steel engineer thus formally fulfils the requirements of EN 1090 by using steels in conformity to EN 10025, Parts 1 to 6; the "family" of standards governing structural steels does not, in fact, contain any provisions concerning hazardous substances, however.

In view of this inconsistency in the relevant standards, this customer-information bulletin is intended to provide an overview of the quality assurance provisions implemented on a voluntary basis by DILLINGER HÜTTE GTS with respect to hazardous substances in the sense of EN 1090.

Radioactivity

All deliveries are inspected for radioactivity upon arrival at the plant, and prior to any unloading and/or use. This applies, most particularly, to all deliveries of scrap which, in accordance with the specifications in the contracts made with the scrap suppliers, may not contain any radioactive material.

Thanks to these provisions, and backed up by measurements performed on finished products, no materials and/or products supplied, such as starting materials, semi-finished/semi-worked products and plates, exhibit radioactivity greater than the natural "background" level when they leave our plant.

Cadmium

Cadmium is not included in the customary list of elements in the various grades of steel. Wet-chemical analytical methods are applied where necessary. The contents measured in the steel are in the ultra-low trace range.

The primers and other coating materials with which our plates may be supplied also conform to the limits specified in the European standards for the corresponding material.

Limits

EN 10025, Parts 1 to 6 do not specify permissible limits for radioactivity and cadmium. Relevant limits can be agreed prior to the placement of your order, please consult your contact at DILLINGER HÜTTE GTS for this purpose.