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EUROPEAN ENVIRONMENTAL LEGISLATION, RoHS DIRECTIVE 2002/95/EC

Article 4 - paragraph 1 reads, "Member States shall ensure that from 1 July 2006, new electrical and electronic equipment put on the market does not contain lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE)."

While these substances are not added to the steel in the steelmaking process, some of the substances may be present at very low levels as residuals in the raw materials making up the charge. In recognition of this, there are proposed limit values which are based on existing Community Chemical legislation and are considered the most appropriate to ensure a high level of protection. (*The proposed maximum concentration values are: 0.01% maximum for cadmium and 0.1% maximum for the other substances listed below*). The steel, as supplied by Duferco Farrell Corporation, readily meets these proposed maximum concentration values.

Due to the low or zero concentration levels present in the steel, the banned substances are not routinely tested for. Based on test sampling of the steel, as reported from some of our suppliers, we are providing typical levels of these substances.

Lead: Typical lead levels in the steel are between .001 to .002%. Would not anticipate exceeding .01%.

Mercury: Mercury levels of the steel checked less than .00001%; Would not anticipate exceeding .0001%.

Cadmium: Cadmium levels of the steel checked less than .0002%; Would not anticipate exceeding .002%.

Hexavalent Chromium: All chromium contained in the steel is present either as elemental chromium or as non-metallic chromium oxides. No surface treatments containing hexavalent chromium are applied to the steel during processing at DFC. Hexavalent Chromium levels would be considered essentially as nil.

Polybrominated biphenyls (PBB) and Polybrominated diphenyl ethers: These compounds are not present in the steel. No substances containing these compounds come into contact with the steel surface during processing at DFC.


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