

Halogens Free Declaration

Dear Customers:

After careful evaluation of IEC 61249-2-21:2003 concerning requirements of Halogens free , Baoshan Iron & Steel Co., Ltd. (hereinafter referred as BAOSTEEL) hereby certifies the steel products manufactured by BAOSTEEL, which have been listed in the ANNEX, are fully comply with IEC 61249-2-21:2003 concerning requirements of Halogens free. The restriction on Halogens Free of IEC 61249-2-21:2003 are listed as follow: Cl maximum 900ppm, Br maximum 900ppm, Total (Br+Cl) maximum 1500ppm.

BAOSTEEL continually tracks changes to regulations or standards, if regulations or standards are updated, evaluation according to the further revise will be started in time and this declaration to reflect these changes will be updated.



Annex: Product lists comply with IEC 61249-2-21:2003

No.	Product Type	Delivery condition/surface treatment/ base type/coating type
1	Cold rolled steel sheet	△Oiled or unoiled
2	Hot dipped galvanized /galvannealed steel sheet	△Cr free chemical passivation and/or oiled △Cr free anti-fingerprinting △Self lubricated △Untreated
3	Hot-dip aluminum-zinc alloy coated steel sheet	△Cr free chemical passivation and/or oiled △Cr free anti-finger printing △Untreated
4	Electro-galvanized steel sheet	△Cr free chemical passivation and/or oiled △Phosphated and/or oiled △Phosphated(include sealed) and/or oiled △Cr free anti-finger-printing △Lubrication
5	Tinplate and Tin-Free steel sheet	△ TFS also known as ECCS(Electrolytic Chromium Coated Steel). Both contain very light coatings of trivalent chromium compounds and metallic chromium but no detectable level of hexavalent chromium.
6	Non grain oriented electrical steel sheet	△ Inorganic coating △ Semi-organic coating thin gauge △ Semi-organic coating heavy gauge △Cr free semi-organic coating thin gauge △Cr free semi-organic coating heavy gauge △Cr free semi-organic coating super heavy gauge △Cr free semi-organic coating(ultra heavy gauge) △Cr free self-bonding coating
7	Grain oriented electrical steel sheet	△ Inorganic coating
8	Hot rolled steel sheet	△As rolled △Pickled and/or oiled