

June 5, 2025

Re: Use of Chlorine in Structural Steel Products

Nucor – Yamato Steel, Co. does not intentionally add chlorine in the production of its structural steel products. Residual levels of chlorine may be contained in the scrap metal that enters the process but would react with the slag. Chlorine contained in the cooling water on the electrodes may also enter the process, but this chlorine would also remain in the slag. The slag would then be removed from the process prior to casting the structural steel semi-finished shapes.

Residual levels of chlorine may also be present on the surface of the material, as the finished product passes through process water. This chlorine could potentially stay on the surface of the finished material in a very small concentration.

We trust that this information will answer your questions regarding chlorine in Nucor – Yamato Steel, Co.'s structural steel products. If we can be of any further assistance, please feel free to contact us.