

March 2, 2023

Re: Use of Chlorine in Structural Steel Products

Nucor Yamato Steel does not intentionally add chlorine to our steel for the production of our structural shapes. Residual levels of chlorine may be contained on the scrap metal that enters our 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 EAF process.

Residual levels of chlorine may also be present on the surface of the material, as the finished product passes through process water. This could very well stay on the pieces. With this in mind, there may be some small level of chlorine present on the product.

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