

Brescia, January 2021

To: **ALL O.R.I. MARTIN's CUSTOMER**

To the kind attention of: Quality Manager – Health & Safety Responsible

Object: **Radiation Protection Information**



We wish to provide you with some information regarding the radiation protection devices, all periodically verified / calibrated, which have been introduced by ORI MARTIN in order to control the process and the product:

- There are some devices with high-sensitivity plastic scintillation detectors, according to the Italian standard UNI 10897, which are used for the detection of potential radio-active sources in the loads of the scrap-carrying vehicles entering the site and during the charging of the scrap into the Electrical Arc Furnace (E.A.F.);
- There are some devices that check the radioactivity level during the steelmaking process;
- There is a device, by gamma rays with detector type NaI of 3", that measures the radioactivity level of the manufactured steel.

The above mentioned controls guarantee the prescribed limits stipulated by Italian law (D.Lgs n°101/2020) and European Regulations (guidance "Radiation Protection 122 part I") and in particular the clearance level for Co-60 nuclide is  $\leq 0,1 \text{ Bq/g}$ .

All instrumentation is regularly checked for proper operation by radiation protection experts and properly trained internal personnel. The conditions included in the IAA Decree are respected and procedural checks are carried out by certifying bodies.

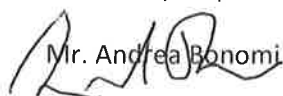
The radioactivity control devices were introduced in 1998 and, to date, no radio-active contamination has been found in on our steel products.

We are at your disposal for any further information.

Best Regards

O.R.I. MARTIN S.p.A.

Health & Safety Responsible

  
Mr. Andrea Bonomi

O.R.I. MARTIN S.p.A.

Technical Director

  
Dr. Natale Gaudenzi