



LIBERTY

LIBERTY Galati S.A. Romania

No: 8100/...../06.01.2022

To whom it may concern

Subject: Steel making process and recycling scrap content of products made at Liberty Galati S.A. – Romania

The flat products (heavy plate, sheets and coils) commercialized by Liberty Galati S.A. – Romania, are manufactured exclusively in BOF route (Blast Furnace / Converter) which uses scrap-using rate between 20 and 25% recycled materials (ferrous scrap).

On average, approximately 1.5% of alloys and fluxes are added to the ladle to establish the chemistry of the steels according to the applicable standards.

Typically we use in-house scrap, means technological scrap from the own production process and structures from own demolition.

For calculation purposes in accordance with LEED-NC version 2.2 + LEED NC 2009 and based on the figure above, we consider that our steels are composed of — 13% "post-consumer" scrap and — 7% "pre-consumer" scrap.

All scrap is treated in order to eliminate non — adequate materials and to comply with European scrap standard. The quality of scrap is controlled at the own scrap yard 100% for radioactivity.

All steel products delivered are in compliance with the 96/29/EURATOM¹ Directive, i.e. they don't imply any exposure growth, due to natural sources of radiation, of workers or of general public.

Whatever the considered steel may be, its radiological level has a value below the regular limit effective dose for the general public, which is 1 mSv (milliSievert) per year. It is also below the world-wide middle effective dose, calculated by the UNSCEAR², for the ionizing radiation emitted by natural sources (soil, cosmic rays, ...), which is 2.4 mSv per year.

Head of Quality Department,

Florin BALAN

Signature



¹ Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionizing radiation (JO n° L 159, 29/06/1996, pages 1 to 114).

² UNSCEAR: United Nations Scientific Committee on the Effects of Atomic Radiation.

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