

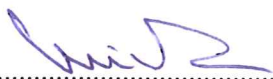
## Declaration of compliance concerning the radioactivity of steels

The steels delivered by the plants of Liberty Ostrava a.s. are in conformity with the 2013/59/EURATOM<sup>1</sup> Directive and 96/29/EURATOM<sup>2</sup> Directive; i.e. they do not imply an exposition growth of workers or the general public to natural sources of radiation.

### Monitoring procedures:

- The total quantity of ferrous scrap, alloys and added fluxes supplied to melt for the production of raw steel on tandem furnaces and production equipment undergoes a radioactivity detection control prior to its access to the production sites. Any material presenting a measurable radioactivity level is rejected at this receiving control.
- Samples from the total production of raw steel and slag are monitored on radioactivity prior to the processing of steel at the rolling mill.
- 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 worldwide middle effective dose, calculated by the UNSCEAR<sup>3</sup>, for the ionizing radiation emitted by natural sources (soil, cosmic rays...), which is 2.4 mSv per year.

Ostrava, August 29<sup>th</sup>, 2019



Ing. Jiří Michálek MBA  
Chief Health & Safety Officer  
Liberty Ostrava a.s.



Ing. Václav Habura  
COO of Primary Operations  
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<sup>1</sup> Council Directive 2013/59/Euratom of 5 December 2013 laying down basic safety standards for protection against the dangers arising from exposure to ionising radiation, and repealing Directives 89/618/Euratom, 90/641/Euratom, 96/29/Euratom, 97/43/Euratom and 2003/122/Euratom.

<sup>2</sup> 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.

<sup>3</sup> United Nations Scientific Committee on the Effects of Atomic Radiation.