

## 2.C.7.b - Nickel Production

In sub-category *NFR 2.C.7.b - Nickel production* TSP, SO<sub>2</sub> and Ni emissions from nickel mine production only for the year 1990 because mine production in Germany stopped in 1991.

Method	AD	EF	Key Category
T1	AS	D	no key category

**T** = key source by Trend **L** = key source by Level

Methods	
<b>D</b>	Default
<b>RA</b>	Reference Approach
<b>T1</b>	Tier 1 / Simple Methodology *
<b>T2</b>	Tier 2*
<b>T3</b>	Tier 3 / Detailed Methodology *
<b>C</b>	CORINAIR
<b>CS</b>	Country Specific
<b>M</b>	Model

\* as described in the EMEP/CORINAIR Emission Inventory Guidebook - 2007, in the group specific chapters.

AD - Data Source for Activity Data	
<b>NS</b>	National Statistics
<b>RS</b>	Regional Statistics
<b>IS</b>	International Statistics
<b>PS</b>	Plant Specific data
<b>AS</b>	Associations, business organisations
<b>Q</b>	specific questionnaires, surveys
EF - Emission Factors	
<b>D</b>	Default (EMEP Guidebook)
<b>C</b>	Confidential
<b>CS</b>	Country Specific
<b>PS</b>	Plant Specific data

## Method

### Activity data

The yearly production figure was taken from the annual statistical report of the US Geological Survey (USGS) for non-ferrous metals <sup>1)</sup>.

### Emission factors

The emission factors are default values according to the 2019 EMEP/EEA air pollutant emission inventory guidebook<sup>2)</sup>.

Table 1: applied Tier1 emission factors

Pollutant	EF	Unit
SO <sub>2</sub>	18	kg/t
TSP	0.3	kg/t
Ni	0.025	kg/t

**Recalculations**

Recalculation not needed.

**Planned improvements**

No category specific improvements needed.

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<sup>1)</sup> US Geological Survey - <https://www.usgs.gov/>

<sup>2)</sup> EMEP/EEA air pollutant emission inventory guidebook 2019;  
<https://www.eea.europa.eu/publications/emep-eea-guidebook-2019/part-b-sectoral-guidance-chapters/2-industrial-processes/2-c-metal-production/2-c-7-b-nickel/view>