

2.C.7.b - Nickel Production

In subcategory *NFR 2.C.7.b - Nickel production* the TSP, SO₂ and Ni emissions from nickel mining are reported. Reporting only covers the year 1990 because in 1991 nickel mining stopped in Germany.

Category Code	Method					AD					EF				
2.C.7.b	T1					AS					D				
Key Category	SO ₂	NO _x	NH ₃	NM VOC	CO	BC	Pb	Hg	Cd	Diox	PAH	HCB	TSP	PM ₁₀	PM _{2.5}
2.C.7.b	-/-	-	-	-	-	-	-	-	-	-	-	-	-/-	-	-

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

Methods	
D	Default
T1	Tier 1 / Simple Methodology *
T2	Tier 2*
T3	Tier 3 / Detailed Methodology *
C	CORINAIR
CS	Country Specific
M	Model

* as described in the EMEP/EEA Emission Inventory Guidebook - 2019, in the group specific chapters.

AD - Data Source for Activity Data	
NS	National Statistics
RS	Regional Statistics
IS	International Statistics
PS	Plant Specific data
As	Associations, business organisations
Q	specific Questionnaires (or surveys)
M	Model / Modelled
C	Confidential
EF - Emission Factors	
D	Default (EMEP Guidebook)
C	Confidential
CS	Country Specific
PS	Plant Specific data
M	Model / Modelled

Method

Activity data

The yearly production figure was taken from the annual statistical report of the US Geological Survey (USGS) for non-ferrous metals ^[Lit. 1].

Emission factors

The emission factors are the default values according to the 2019 EMEP/EEA air pollutant emission inventory guidebook ^[Lit. 2].

Table 1: applied Tier1 emission factors

Pollutant	EF	Unit
SO ₂	18	kg/t

Pollutant	EF	Unit
TSP	0.3	kg/t
Ni	0.025	kg/t

Uncertainties

Recalculations

Recalculations are not necessary.

Planned improvements

No category specific improvements necessary.

Bibliography

Lit. 1: US Geological Survey <https://www.usgs.gov>

Lit. 2: EMEP/EEA air pollutant emission inventory guidebook 2019 <https://www.eea.europa.eu>