

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				
	NO _x	NM VOC	SO ₂	NH ₃	PM _{2.5}	PM ₁₀	TSP	BC	CO	Pb	Cd	Hg	Diox	PAH	HCB
Key Category:	-	-	-/-	-	-	-	-/-	-	-	-	-	-	-	-	-

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, in [kg/t]

	EF
SO ₂	18

	EF
TSP	0.3
Ni	0.025

Uncertainties

Recalculations

With **activity data and emission factors remaining unrevised**, no recalculations were carried out compared to Submission 2022.



For **pollutant-specific information on recalculated emission estimates for Base Year and 2020**, please see the pollutant specific recalculation tables following [chapter 8.1 - Recalculations](#).

Planned improvements

There are no category-specific improvements planned.

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>