2.C.7.b - Nickel Production

In subcategory *NFR 2.C.7.b - Nickel production* the TSP, SO$_2$ 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$_x$	NMVOC	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
RA	Reference Approach
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/CORINAIR Emission Inventory Guidebook - 2007, 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, surveys

EF - Emission Factors	
D	Default (EMEP Guidebook)
C	Confidential
CS	Country Specific
PS	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 [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
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