

2.C.7.b - Nickel Production

In sub-category *NFR 2.C.7.b - Nickel production* TSP, SO₂ 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	
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 ¹⁾.

Emission factors

The emission factors are default values according to the 2019 EMEP/EEA air pollutant emission inventory guidebook²⁾.

Table 1: applied Tier1 emission factors

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

Recalculations

Recalculation not needed.

Planned improvements

No category specific improvements needed.

Bibliography

Lit. 1:

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

²⁾ 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>