



Health, Safety & Environment fact sheet

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Location: Köping, Sweden

Number of employees: 97

Annual production capacity (ton)

Nitric acid: 300,000

Nitrates: 300,000

Certification:

ISO 9001, ISO 14001, OSHAS 18001, ISO 16001

Other systems:

EFMA Product Stewardship, ISPS

Health and safety indicators	
Employee sickness rate (%)	2.4
LTI rate for own employees	0
LTI rate for contractors	0
LTI rate for employees and contractors	0
TRIR rate for employees and contractors	9.2
Major accidents during the year	0
Number of permit breaches	9

Emissions and waste	Ton per year	% of permit	Possible impacts
CO ₂ to air	350	-	Global warming effects
N ₂ O to air	1,007	-	Global warming effects
NO _x to air (as NO ₂)	192	-	Acidification and haze formation
NH ₃ to air	7	56	Acidification and haze formation
Dust to air	26	58	Local nuisance and haze formation
N to water	53	63	Eutrophication (algae growth)
P to water	0.5	-	Eutrophication (algae growth)
Hazardous waste	14	-	
Non-hazardous waste	310	-	

Actions for further improvements

- New environmental permit action plan implementation
- Cleaning of phosphoric acid tanks to be able to collect polluted fire water in the future
- NO_x emission reduction during stop (no more backflow) and start up of NA2 (H₂O₂ injection during the bypass of NO_x reactor)
- Inventory of noise sources to reduce noise from the plant specifically during night time (49 dB -> 45 dB)

Community activities

- Delivery of District Heating = 126 GWh

LTI (Lost-Time Injury) rate: Number of injuries with absence from work in excess of day of injury, per million hours worked

TRIR (Total Recordable Injury) rate: Number of injuries with absence from work + temporary lighter work tasks + medical treatment, per million hours worked

Major accident: Accident leading to fatality or serious bodily harm, property damage or loss of production in excess of € 10 million, significant environmental incident