



Health, Safety & Environment fact sheet

Yara Rostock, 2008



Location: Rostock, Germany

Number of employees: 205

Annual production capacity
Nitrates: 1,400,000 tons

Certification:
ISO 9001, ISO 14001, OHSAS 18001

Other systems:
HACCP, EFMA Product Stewardship, ISPS

Health and safety indicators	
Employee sickness rate	3.1 %
LTI-rate for own employees	5.4
LTI-rate for contractors	0
LTI-rate for employees and contractors	4.2
TRF-rate for own employees	10.8
Major accidents during the year	0

Community activities

- Meetings on regular basis
- Installed deNO_x and N₂O catalyst in one plant
- Waste heat recovery of an external power station
- Sponsoring of local initiatives (sports, science etc.)
- Open door day every 3 years

Emissions and waste	Ton per year	% of permit	Possible impacts
CO ₂ to air	6,100	-	Climate change, global warming effects
N ₂ O to air	8,400	-	Climate change, global warming effects
NO _x to air	961	66	Regional acid precipitation and local haze formation
SO ₂ to air	7.7	88	Regional acid precipitation and local haze formation
Dust to air	182	55	Local nuisance and haze formation
N to water	5.2	32	Eutrophication (excess nutrients in waterways and algae blooming)
P to water	1.3	64	Eutrophication (excess nutrients in waterways and algae blooming)
Hazardous waste	335	-	
Non-hazardous waste	233	-	
Waste water sludge	2,266	-	

Actions for further improvements

- DNV audit in June
- Use of procedure for fall protection at height more than two meters (incl. scaffolding)
- Project for N₂O catalyst and for deNO_x in the second Nitric Acid plant
- Complete revamp of insulation and fundamentals at Ammonia tanks, long-term program started 2008
- HAZOP/SIL analyses of process plants