



Health, Safety & Environment fact sheet

YARA Brunsbüttel 2009



Location: Brunsbüttel, Germany

Number of employees: 221

Annual production capacity (ton)

Ammonia: 700,000

Urea: 500,000

Certification:

ISO 9001, ISO 14001, OHSAS 18001

Other systems:

HACCP, EFMA Product Stewardship, ISPS

Health and safety indicators	
Employee sickness rate (%)	4.1
LTI-rate for own employees	2.6
LTI-rate for contractors	0.0
LTI-rate for employees and contractors	2.0
TRF-rate for own employees	5.3
Major accidents during the year	0

Plant energy and water consumption	
Energy consumption (GJ/t NH ₃)	36,1
Water consumption (m ³ /hour)	598

Emissions and waste	Ton per year	% of permit	Possible impacts
CO ₂ to air	1.396.891		Climate change, global warming effects
SO ₂ to air	2.927	76	Regional acid precipitation and local haze formation
NO _x to air	903	55	Regional acid precipitation and local haze formation
NH ₃ to air	205	41	Regional acid precipitation and local haze formation
Dust to air	121	38	Local nuisance and haze formation
N to water	87	44	Eutrophication (excess nutrients in waterways and algae blooming)
P to water	0.2	-	Eutrophication (excess nutrients in waterways and algae blooming)
Hazardous waste	415	-	
Non-hazardous waste	1,939	-	

Community activities

Sponsoring of:

- Cultural activities
- Sport clubs
- Network family friendly employment

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

TRF (Total Recordable Injury) rate: Number of injuries with absence from work + temporary lighter work task+ 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 € x million, significant environmental incident

"Ton" in this document refers to metric ton, equal to 1000 kilograms.