



Health, Safety & Environment fact sheet

Yara Ferrara, 2008



Location: Ferrara, Italy

Number of employees: 120

Annual production capacity

Ammonia: 500,000 tons

Urea: 500,000 tons

Certification:

ISO 14001, ISO 9001

Other systems:

HACCP, EFMA Product Stewardship

Health and safety indicators	
Employee sickness rate	2.4 %
LTI-rate for own employees	0
LTI-rate for contractors	7
LTI-rate for employees and contractors	3
TRI-rate for own employees	0
Major accidents during the year	0

Community activities

- Leukaemia (medical fundraising)
- Sponsoring of local kite team
- Sponsoring of local sports associations

Emissions and waste	Ton per year	% of permit	Possible impacts
CO ₂ to air	559,674	-	Climate change, global warming effects
NH ₃ to air	50	26	Regional acid precipitation and local haze formation
NO _x to air	697	35	Regional acid precipitation and local haze formation
Dust to air	23	16	Local nuisance and haze formation
N to water	21	46	Eutrophication (excess nutrients in waterways and algae blooming)
Hazardous waste	76	-	
Non-hazardous waste	1,906	-	

Actions for further improvements

- CSR (behaviour based safety program)
- EMAS certificate for the whole Ferrara plant
- Conformance with Yara standards
- Land and groundwater reclamation

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

TRI (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, property damage or loss of production in excess of €10 million, significant environmental incident