



Health, Safety & Environment fact sheet

Yara Usikaupunki, 2010



Location: Usikaupunki, Finland

Number of employees: 218

Annual production capacity (ton)

Nitric acid: 500,000

Nitrates: 100,000

NPK: 1,000,000

Certification:

ISO 9001, ISO 14001, OHSAS 18001,

Other systems:

HACCP, EFMA Product Stewardship, ISPS

Health and safety indicators	
Employee sickness rate (%)	4.3
LTI-rate for own employees	-
LTI-rate for employees and contractors	-
TRI-rate for own employees	-
TRI-rate for employees and contractors	6.2
Major accidents during the year	0

Emissions and waste	Amount	% of permit	Possible impacts
F to air	5 t	63	Acidification
NH ₄ -N to air	63 t	50	Acidification and haze formation
N ₂ O to air (NA plant)	333 t	-	Global warming effects
NO _x to air T2 (NA plant)	140 ppm	70	Acidification and haze formation
NO _x to air T4 (NA plant)	111 ppm	70	Acidification and haze formation
P to water	0.26 kg/d	17	Eutrophication (algae growth)
N to water	200 kg/d	67	Eutrophication (algae growth)
Hazardous waste	283 t	-	
Non-hazardous waste	635 t	-	
Treated waste water	201,000 m ³	-	

Actions for further improvements

- Behaviour Based Safety process implementation ongoing
- Systematic safety training quarterly for managers
- New safety training video and practise
- New environmental permit development actions ongoing and partly fulfilled
- A new co-operation partner in auditing and certification process

- Toolbox meeting practice in use for all
- Process safety focus enforced

Community activities

- New environmental permit which was appealed into legal force 21.1.2011.

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 or serious bodily harm, property damage or loss of production in excess of € 10 million, significant environmental incident