



# Health, Safety & Environment fact sheet

## Yara Uusikaupunki, 2008



**Location:** Uusikaupunki, Finland

**Number of employees:** 220

**Annual production capacity**

**NPK fertilizers:** 1,000,000 tons

**Nitrates:** 100,000 tons

**Certification:**

ISO 9001, ISO 14001, OHSAS 18001

**Other systems:**

EFMA Product Stewardship, HACCP, ISPS

Health and safety indicators	
Employee sickness rate	4.2 %
LTI-rate for own employees	0
LTI-rate for contractors	-
LTI-rate for employees and contractors	2.0
TRI-rate for own employees	4.8
Major accidents during the year	0

### Community activities

- New environmental permit

Emissions and waste	Ton per year	% of permit	Possible impacts
F to air	3.9	39	Regional acid precipitation and local haze formation
NH <sub>4</sub> -N to air	79	53	Regional acid precipitation and local haze formation
N <sub>2</sub> O to air	3,477	-	Climate change, global warming effects
NO <sub>x</sub> to air NA <sub>2</sub>	148 ppm	74	Regional acid precipitation and local haze formation
NO <sub>x</sub> to air NA <sub>4</sub>	129 ppm	81	Regional acid precipitation and local haze formation
P to water	4.2 kg/d	32	Eutrophication (excess nutrients in waterways and algae blooming)
N to water	255 kg/d	64	Eutrophication (excess nutrients in waterways and algae blooming)
Hazardous waste	24	-	
Non-hazardous waste	2250	-	

### Actions for further improvements

- Risk assessment practises of shutdowns and workplaces
- Work-Observe-Communicate program introduced and ongoing
- Systematic quarterly safety training
- NA boiler basket modification study for N<sub>2</sub>O abatement
- Fuel oil tank safety basin

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