



Health, Safety & Environment fact sheet

Yara Köping, 2008



Location: Köping, Sweden

Number of employees: 95

Annual production capacity
Nitrates: 300,000 tons

Certification:
 ISO 9001, ISO 14001,
 Energy Management System SS 62 77 50

Other systems:
 EFMA Product Stewardship, HACCP, ISPS

| Health and safety indicators | |
|--|-------|
| Employee sickness rate | 1.5 % |
| LTI-rate for own employees | 0 |
| LTI-rate for contractors | 0 |
| LTI-rate for employees and contractors | 0 |
| TRI-rate for own employees | 0 |
| Major accidents during the year | 0 |

Community activities

- Delivery of District Heating = 128.6 GWh

| Emissions and waste | Ton per year | % of permit | Possible impacts |
|--|--------------|-------------|---|
| CO ₂ to air | 537 | - | Climate change, global warming effects |
| N ₂ O to air | 866 | - | Climate change, global warming effects |
| NO _x to air (as NO ₂) | 195 | 53 | Regional acid precipitation and local haze formation |
| NH ₃ to air | 7 | 8 | Regional acid precipitation and local haze formation |
| F to air | 0 | - | Regional acid precipitation and local haze formation |
| Dust to air | 30 | 43 | Local nuisance and haze formation |
| N to water | 52 | 56 | Eutrophication (excess nutrients in waterways and algae blooming) |
| F to water | 0.5 | 13 | Eutrophication (excess nutrients in waterways and algae blooming) |
| Hazardous waste | 23 | - | |
| Non-hazardous waste | 347 | - | |

Actions for further improvements

- Dust reduction from TAN1 prilling tower
- Reduction of N emissions to water mainly linked with stop / grade change / startup operations
- Noise reduction from TAN2 prilling tower
- N₂O reduction from Nitric Acid Plant 2

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