



Health, Safety & Environment fact sheet

Yara Kokkola SOP and Feed Phosphate, 2008



Location: Kokkola, Finland

Number of employees: 64

Annual production capacity

Potassium sulphate: 200,000 tons

Feed phosphates: 250,000 tons

Certification:

ISO 9001, ISO 14001

Other systems:

GMP+B2 (Feed Phosphate)

Health and safety indicators	
Employee sickness rate	6.8 %
LTI-rate for own employees	9.0
LTI-rate for contractors	0
LTI-rate for employees and contractors	6.4
TRI-rate for own employees	9.0
Major accidents during the year	0

Community activities

- Financial support of Chemistry Professorship of local University
- Sponsoring of local junior football team
- Sponsoring of nearby small house society
- Sponsoring of Seamen's mission (Church)

Emissions and waste	Ton per year	% of permit	Possible impacts
Kokkola SOP			
SO ₂ to air	4.4	33	Regional acid precipitation and local haze formation
HCl to air	74 t	*492	Regional acid precipitation and local haze formation
Dioxins to air	0.0014 g	0.5	Toxic haze
HCB to air	11.4 kg	*114	Toxic haze
Kokkola Feed Phosphate			
SO ₂ to air	53	59	Regional acid precipitation and local haze formation
F to air	0.4	*79	Regional acid precipitation and local haze formation
P to air	2	*66	Eutrophication (excess nutrients in waterways and algae blooming)
P to water	2.2	72	Eutrophication (excess nutrients in waterways and algae blooming)
Hazardous waste	5.5	-	
Non-hazardous waste	691	-	

* Versus target level

Actions for further improvements

- Conformance with Yara standards, DIRs, TOPs, SMPs, etc. needs to be reached
- OHSAS 18001 certification planned for 2009

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