



Health, Safety & Environment fact sheet

Yara Kokkola SOP and Feed Phosphate, 2010



Location: Kokkola, Finland

Number of employees: 63

Annual production capacity (ton)

Potassium sulphate: 200,000

Feed phosphates: 250,000

Certification: ISO 9001, ISO 14001, OHSAS 18001

Other systems

GMP+B2 (in Feed Phosphate plant)

Health and safety indicators	
Employee sickness rate (%)	6.2
LTI rate (combined)	7.8
TRI rate for own employees	20.7
TRI rate (combined)	23.3
Major accidents during the year	0

Emissions and waste	Amount	% of permit	Possible impacts
Kokkola SOP			
SO ₂ to air	32.6 t	60	Acidification
HC ₁ to air	17.6 t	117*	Regional acid precipitation and local haze formation
Dioxins to air (grams)	0.0001 g	0.03	Toxic haze
HCB to air	1.5 kg	15*	Toxic haze
Kokkola Feed Phosphate			
SO ₂ to air	21.4 t	62	Acidification
F to air	0.5 t	91*	Acidification
P to air	1.6 t	52*	
P to water	1.9 t	63	Eutrophication (algae growth)
Hazardous waste	9.9 t		
Non-hazardous waste			
On-site land filling	601 t	-	
Off-site land filling	8 t	-	
Off-site recycling	125 t	-	
Off-site incineration	12 t	-	

* From target level

Actions for further improvements

- Conformance with Yara standards
- Conveyor safety
- Contractor management

Community activities

- Support of Chemistry Professorship of local University
- Scholarship funding for local polytechnic and vocational school
- Sponsoring of local junior football team and orienteering association
- Sponsoring of Finnish athletic federation

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