



Health, Safety & Environment fact sheet

Yara Brazil - Rio Grande, 2008



Location: Rio Grande, Brazil

Number of employees: 360

Annual production capacity
NPK fertilizers: 600,000 tons

Certification:
 ISO 9001 (for Pier Terminal), ISO 14001

Other systems:
 EFMA Product Stewardship, ISPS

Health and safety indicators	
Employee sickness rate	2.7 %
LTI-rate for own employees	-
LTI-rate for contractors	-
LTI-rate for employees and contractors	2.8
TRI-rate for own employees	5.0
Major accidents during the year	0

Community activities
<ul style="list-style-type: none"> • Rio Grande open doors – program of site visit for community (schools and universities) • Sponsoring of young schools • Sponsoring of cultural programs • Sponsoring of Norway cup team with total involvement of community

Emissions and waste	Ton per year	% of permit	Possible impacts
Dust to air	105	78	Local nuisance and haze formation
F to air	0.7	40	Regional acid precipitation and local haze formation
NH ₃ to air	11.4	20	Regional acid precipitation and local haze formation

Actions for further improvements

- BBS – Behaviour Based Safety
- JSA – Job safety analyses
- Use BBS techniques for safety walks
- Full conformance with Yara standards
- Quality management system integrated – ISO 9000/ISO 14001 and OSHAS 18001
- De-dusting projects – Acidulation and NPK plants
- Housekeeping program for all site

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