



Health, Safety & Environment fact sheet

Yara Ambès, 2009



Location: Ambès, France

Number of employees: 87

Annual production capacity (ton)

Nitric acid: 500,000

Nitrates: 500,000

UAN: 200,000

Certification:

ISO 9001, ISO 14001, OHSAS 18001

Other systems:

HACCP, EFMA Product Stewardship, ISPS

| Health and safety indicators | |
|--|-----|
| Employee sickness rate (%) | 2.7 |
| TRI rate for own employees | 6.3 |
| TRI rate for employees and contractors | 5.1 |
| LTI rate for own employees | 0 |
| LTI rate for contractors | 0 |
| LTI rate for employees and contractors | 0 |
| Major accidents during the year | 0 |

| Plant energy and water consumption | |
|---|------------|
| Plant electrical energy consumption (kWh) | 31,543,261 |
| Energy produced | 19,964,761 |
| Energy provided externally | 11,578,500 |
| Water consumption (m ³) | 171,824 |

| Emissions and waste | Ton per year | % of permit | Possible impacts |
|-------------------------|--------------|-------------|---|
| CO ₂ to air | 2,188 | 31 | Climate change, global warming effects |
| N ₂ O to air | 358 | 32 | Climate change, global warming effects |
| NO _x to air | 170 | 74 | Regional acid precipitation and local haze formation |
| Dust to air | 95 | 81 | Local nuisance and haze formation |
| N to water | 9 | 26 | Eutrophication (excess nutrients in waterways and algae blooming) |
| Hazardous waste | 16 | - | |
| Non-hazardous waste | 105 | - | |

Actions for further improvements

- Increase CESAR contact rate (behavior-based safety program)
- Review of offsite risk study/PPRT (risk evaluation and emergency preparedness)
- Conformance with Yara standards
- Implementation of SIL analysis conclusions

Community activities

- Telethon (medical fundraising program)
- Sponsoring of emergency services
- Sponsoring of local sports associations

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

"Ton" in this document refers to metric ton, equal to 1000 kilograms.