

Major Hazard Facility (MHF) Fact Sheet

Facility name: Nyrstar Port Pirie

Location: 1 Ellen Street, Port Pirie SA 5540

Operator: Nyrstar Port Pirie Pty Ltd, MHF License number 625050

Contact: Ana Chamarro – Manager Safety, Health and Hygiene, Nyrstar Port Pirie.
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Nyrstar Port Pirie's top priority is the safety of our employees and our local community. Nyrstar Port Pirie uses and generates dangerous and hazardous substances as part of the lead manufacturing process, and this classifies us as a Major Hazard Facility under the South Australian *Work Health and Safety Regulations 2012*. We focus on controlling these substances to prevent harm.

Nyrstar has reviewed the risks associated with substances, identified the potential major incidents that could arise, and identified the controls in place to prevent an incident from occurring and limit the consequences in the unlikely event it did occur. Nyrstar has particularly focused on 'critical controls' to prevent release or allow for quick shutdown of plant. These are generally engineered controls such as emergency venting and shutoff points, and we pay extra attention to these during maintenance and operation of the smelter. We also have monitors and alarms, emergency plans, and training and systems to support control of our substances. These all form part of our Major Hazard Facility Safety Case submitted to SafeWork SA, March 2019).

Potential Major Incidents

The majority of major incidents would be confined to the site. However, potential impacts on the community may include release of smoke, fumes or gases from the smelter depending on the scale of the incident and other factors such as wind direction and wind speed. Nyrstar has identified a number of potential sources of fire and explosion on-site, such as gas cylinders, explosives, reactive alloying metals, kerosene, natural gas, propane and unleaded petrol. There are also process gases that could be released from the site, including Sulphur Dioxide, Sulphur Trioxide and Oxides of Nitrogen.

What potential effect might this have on me and the community?

Release of smoke, fumes or gases may cause respiratory discomfort or distress. As a close knit community a major smelter incident may cause stress and anxiety for community members with family or friends on shift at the time. Localised evacuation may occur if directed by Emergency Services.

How will I know there is a Major Incident?

Notifications will be made on the ABC Local Radio station AM 693. Keep listening to this throughout the incident. You may see smoke, fumes or gases being released from the smelter and you may hear site audible alarms and the mobilisation of emergency services.

What should I do?

If there was a major incident at the smelter, residents would be asked to:

- Shelter indoors and monitor the situation by tuning into the ABC Local Radio station AM 693. Automated messaging to mobiles and telephones in the area may be utilised by emergency services to advise safety precautions;
- Follow any alternative directions given by the emergency services, including any direction to evacuate or shelter in a nominated location; and
- Do not attend the Nyrstar site under any circumstances. Be aware that, while you may wish to make enquiries about family or friends, your call may not be answered immediately while the initial response is occurring. Nyrstar will establish means of communication and information for friends and family as soon as practicable.



Further Information

Please contact Ana Chamarro – Manager Safety, Health and Hygiene, Nyrstar Port Pire if you have any questions or would like to discuss major incident response further.