



SECTION 3. Pollution Incident Response Management Plan

Major Pollution Incident (not contained)

1.Immediate Action

Where serious threat to health or the environment- then the following action must be undertaken:

- Call 000 ask for Fire Ambulance or Police
advise nature of Incident and advise:
Address 93 Malta Street, Fairfield East 2165
- Contact most senior Manager on Site –or
Richard Hammond 0412 298453
- Contact EPA 131 555
- Contact Work Cover Authority 13 10 50
- Advise Neighbours:

Contact Fairfield City Council 9725 0222 (24 hours)

- Fire and Rescue NSW 1300 729 579
- NSW Dept of Health 9391 9000

Other incidents need to be handled on a case by case basis. In the event of an escape of fume or a chemical spill escaping off site, immediate response is to contact the nearest senior manager. They will be responsible to make decisions on whether to evacuate the site, instigate cleanups, contact response agencies etc. Once a decision has been made, normal emergency procedures will commence as per this instruction.

Should a chemical or safety emergency occur upon a local delivery, on board and at site facilities (should they exist) be utilised to control and clean up any spillage. The driver will utilise carried MSDS information, Initial Emergency Response Guide Handbook information and the Contacts Guide (Appendix D) to identify the best course of action to nullify the spill.



2. Description of Hazards

The site contains the following hazardous substances in storage as solids or liquids or in process tanks in aqueous solutions: (see site plan diagram 1)

Substance and MaxVolumes	Hazard to Human Health
Sodium Hydroxide (solid) 500kgms	burns in contact with skin or eyes severe skin irritation –inhalation of dust causes breathing difficulties can produce chemical burns if swallowed
Sodium Hyperchlorite (liquid) 2000 litres	extremely toxic serious damage to health and death if ingested contact with acid produces dangerous gas –hydrogen cyanide–causes asphyxia harmful to aquatic organisms
Sodium Cyanide (solid) 100 kgms	skin contact –burns, fumes affect respiration
Hydrochloric acid 32%(liquid) 3000 litres	acute chemical burns, fumes affect respiration
Sulphuric acid (liquid) 2000 litres	acute chemical burns, fumes affect respiration
Nitric acid (liquid) 2000 litres	chemical burns –fumes affect respiration
Chromic acid salts (solid) 200kgms	chemical burns –fumes affect respiration
Chromic acid (liquid) 5000 litres	in hexavalent state Cr 6+ is a known carcinogen
Paint Solvents (liquid) 300 litres	moderately flammable, affects respiration harmful to skin eyes and harmful to aquatic organisms

Risks associated with storage and use of hazardous substances

- Spills during handling of substances or rupture of shipping containers or process tanks pose the greatest threats. To minimise the risks all storage and process tanks are bunded. Chemical spills are to be controlled by isolation –using the spill kits and where appropriate use of the portable pumps to capture any spillage. The 5000 litre emergency treatment tank in beside the plating lines is capable of storing major spillage from the largest of the process tanks.
- Fire can result in emission of toxic fumes from both chemicals on site and combustion of plastic material used for tanks, wiring insulation and packaging material. Use of large volumes of water to control fire on the site should be tempered by not allowing contaminated by any of the hazardous substances listed. It is particularly important to avoid mixing of acids with caustic or cyanide containing chemicals.
- Flooding by storm could also result in risks of damage with chemical substances mixing and washing from the site. Proper storage of chemical and maintenance of bunds will mitigate this risk.
- Storage of chemicals



SECTION 4. PERSONNEL RESPONSIBILITIES

Specific assignments of responsibilities will depend on who is present and available at the time of an emergency.

Responsibilities of Emergency Response and Evacuation team members are as follows.

A. Senior Management

- 1) Maintain communication with the response agencies.
- 2) The Senior Management has the authority to delegate personnel to emergency assignments as the situation requires.
- 3) The Senior Management will confirm with the Safety Committee Member that all personnel are accounted for and away from imminent danger. **IF ANYONE IS MISSING, CONFIRM WITH THE SAFETY COMMITTEE MEMBER IMMEDIATELY.**

B. Safety Committee Member

- 1) Confirm that all employees and visitors are accounted for and away from eminent danger.
- 2) Confirm with the public emergency response agencies that all employees and visitors are accounted for and away from eminent danger. Advise if any persons are known to still be within the facility.
- 3) Manage the operation of the employee refuge area. The Emergency Assembly Area is the front parking area, unless otherwise specified by the Safety Committee Member.
- 4) In the case of an evacuation, the Safety Committee Member will proceed to the Emergency Assembly Area.
- 5) The Safety Committee Member **must** maintain a high profile in the Emergency Assembly Area so that personnel may report any changes in the situation quickly.
- 6) Ensure that anyone requiring medical attention is provided for until emergency services arrive.
- 7) Other duties/ responsibilities such as responding to Senior Management or Public Emergency Response Agencies.

C. The First Aid Response Team is comprised of certified CPR/First Aid individuals.

- 1) Their responsibilities are to aid and rescue other employees in emergency situations.



- 2) The First Aid Response Team Member to arrive on the scene is in charge, unless the Team Member specifically delegates this authority to a more experienced Team Member **or** Emergency Medical Services arrive. The need for a local or general evacuation will be determined by the first arriving team member.

D. CPR/First-Aid Personnel

- 1) Personnel who hold a current certification in CPR/First-Aid are considered First Aid Team Members.

E Responsibilities During a Medical Emergency

- 1) Render immediate first aid in the event of illness/injury, referring personnel to medical personnel when appropriate.
- 2) Summon additional medical assistance when necessary.
- 3) Assist medical personnel upon request.
- 4) During an evacuation, report to the refuge area and assist any individuals who may require treatment.

F. Occupational, Health and Safety Officer

- 1) The OH&S officer in charge of maintaining and inspecting the First Aid and Oxygen supplies.
The current OH&S officer is Richard Hammond.

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