

# Sydney Ship Repair & Engineering Pty Ltd

## Emergency Pollution Incident Response Management Plan

### 1. Site Plan

- Stored Paint
- Stored Thinners
- Waste Thinners
- Unleaded Petrol
- Oxy & Acetylene
- Non-flammable/Nontoxic Gases
- Hydrochloric acids
- Cleaning products
- Oils & Lubricants
- Acetone
- Aerosol cans
- Diesel Storage
- Waste Oil & Water

### 2. Potential Site Hazards

- Fire
- Explosion of fuels & Gases
- Pollution to waterways of paint & liquids

### 3. Pre-Emptive Actions

- Identify the location of the emergency activation siren and muster area.
- Identify the correct authority to contact first to assist in the prevention of the emergency from the contact list
- Identify spill kit locations indicated on site plan.
- Identify fire hose locations on site plan.
- Identify areas of potential hazards from site plan that could increase the hazard and damage to human or environment

#### **4. Pollutant Inventory**

- Paint – up to 2000ltrs
- Unleaded Petrol – 120ltrs
- Diesel – up to 1000ltrs
- Thinners – Waste & Clean up 600ltrs
- Engine Oils / Coolants – up to 400ltrs
- Acids - Hydrochloric – 20ltrs
  - Sulphuric – 5ltrs
  - Alu-brite – 10ltrs
- Acetone – 40ltrs
- Metholated Sprints – 40ltrs
- Wax & Grease Remover – 40ltrs
- White Sprints – 5ltrs
- Waste Water & Oily Water – 4000ltrs [in bunded area]
- Fibre glass resins, Gelcoat & Polish – 100ltrs
- Epoxy Glues & Hardeners – 30ltrs
- Sealants - Sika Flex - 40 x cartridges
  - Silicon Sealants - 20 x cartridges
  - Liquid Nails - 20 x cartridges
- Oxygen cylinders – 6 “G” size cylinders [flammable]
- Acetylene cylinders – 5 “D” size cylinders [flammable]
- LPG Forklift Gas – 8 x 15kg cylinders [flammable]
- LPG Gas – 2 x 20kg cylinders
- Argon – 5 x “G” size cylinders [non flammable]
- Argoshield 52 – 5 x “G” size [non flammable]

All of the above are stored in bunded containment areas, **NO UNDERGROUND STORAGE ON SITE.**

## **5. Onsite Safety Equipment**

### **Emergency Evacuation Alarm**

- Located left hand side of main store entry.

### **Emergency Muster Area.**

- Located on Main Wharf behind store

### **Oxy Viva Breathing Unit.**

- Located in Main Store.

### **Fire Hydrants & Hose**

- Located Main Wharf
- Eastern side of slipway at 500 ton winch & harbour end of large slipway.

### **Spill Kits**

- Located on Wharf at Pontoon Gangways
- At Main Store Entry
- Inside Shipwrights Shed near small slips.

### **Fire Extinguishers**

- Located in all workshops.
- Outside Paint Storage area.
- 500 ton Winch Shed.
- 150 ton Winch Shed

### **Absorbent Pads**

- Located in Main Store.

### **Absorbent Pellets**

- Located in Main Store.

### **Protective Disposable Overalls**

- Located in main store.

### **Protective Rubber Gloves**

- Located in main store.

## **6. Key People & Authority Contact**

<b>Category</b>	<b>Contact</b>	<b>Number</b>
SSRE	Manager	Details In Site Copy
SSRE	Yard Supervisor	Details In Site Copy
SSRE	Admin Manager	Details In Site Copy
Emergency Services	Fire – Police – Ambulance	000
External Authority	Environmental Protection Authority	131 555
External Authority	Work Cover NSW	13 10 50
External Authority	NSW Fire & Rescue	{02} 9265 2999
External Authority	Ministry of Health	{02} 9391 9000
External Authority	Sydney Port Authority	{02} 9296 4000
External Authority	Water Police NSW	{02} 9320 7499
Closest Neighbour	Details In Site Copy	Details In Site Copy

## **7. Neighbour Communications.**

- NPWS Ranger located Goat Island – Details In Site Copy
- If required and deemed necessary due to direction of winds or uncontainable **Fire or Spill** that is deemed to be a potential hazard to local neighbours located adjacent to the western end of the Ship Yard, a door knock advisory action would be activated and leaflet drop would follow up advising the residents of the incident and status of the hazard.

## **8. Minimising Harm to Personal, Environment and Property**

In the event of an incident the emergency evacuation siren should be activated and all personal are to muster at the muster point on the main wharf behind the store.

The supervisor or competent person is to retrieve the daily sign in sheets (Staff & Visitor) and check off all names.

During this procedure the highest person in authority will activate the emergency plan and if required notify the relevant authority of the incident & request assistance.

## **Response Plans**

### **Fire & Explosion**

1. Activate evacuation siren and raise alarm by verbal communication with any persons in the proximity of the alarm or fire.
2. Muster all staff & visitors at the muster area, retrieve the emergency incident response plan and sign in sheets located on the store bench and check off all names.
3. Call 000
4. Call Sydney Ports for assistance. - 02 9296 4000
5. Slipway supervisor to activate fire fighting hoses and equipment at a safe distance to prevent injury to personnel with selected staff members until Fire Brigade is on site. Remaining staff & visitors are to stay at muster point unless it is deemed unsafe and are then are to relocate to the floating pontoon furthest away from the incident, or a place deemed safe.
6. The emergency response plan is to be shown and discussed with the Fire Brigade / Police and Sydney Ports giving them all site plan information and any assistance required. The Manager of SSRE in conjunction with the highest ranking person of authority from the local emergency services body will notify neighbours and relevant government agencies.
7. Once emergency services are onsite and in control SSRE personnel & visitors will follow instructions from the body deemed to be in charge.
8. Once emergency is under control SSRE will fill out an incident report and look at the cause and investigate processes to prevent the incident re-occurring.

## **Spill**

1. Activate evacuation siren and raise alarm by verbal communication with any persons in the proximity of the alarm or spill.
  - 1a. If possible isolate the source of the spill to prevent a larger contamination area.
2. Muster all staff & visitors at the muster area, retrieve the emergency incident response plan and sign in sheets located on the store bench and check off all names.
  - 2a. Slipway supervisor to activate spill and containment equipment with selected staff members ensuring the safety of staff and to prevent injury until emergency services are on site.

### **Spill Kit Locations** - Main Store entrance

- On Main Wharf at Pontoon gangways
- Shipwright Shed at Front of 20 ton slip

3. Call 000
4. Call Sydney Ports for assistance. - 02 9296 4000
5. Remaining staff & visitors are to stay at muster point unless it is deemed unsafe and are then are to relocate to the floating pontoon furthest away from the incident, or a place deemed safe.
6. The emergency response plan is to be shown and discussed with the Fire Brigade / Police and Sydney Ports giving them all site plan information and any assistance required. The Manager of SSRE in conjunction with the highest ranking person of authority from the local emergency services body will notify neighbours and relevant government agencies.
7. Once emergency services are onsite and in control SSRE personnel & visitors will follow instructions from the body deemed to be in charge.
8. Once emergency is under control SSRE will fill out an incident report and look at the cause and investigate processes to prevent the incident re-occurring.

## **Training**

- SSRE staff will undertake a six monthly simulated training on site using the emergency pollution response management plan.
- All staff will be reminded about the plan and briefed on the requirements during an incident or evacuation during a monthly toolbox talk.
- The Six monthly simulated training will be recorded in the Staff Training log.