**Fire Risk Assessment**

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| Fire Risk Assessment of: | Bays 3 and 4  The Main Warehouse |
| Report Completed By: | Pat Devaney |
| Date: | 8th January 2014 |

**Introduction**

I have reviewed the previous Fire Risk Assessment of the above area within Plastica Ltd on the above date and I draw your attention to the results detailed below.

This factory is constructed of traditional brick and block with metal cladding attached, and is ground floor only with a quantity of mezzanine across each bay.

This 2 bay building was erected in 1988 as an extension to the existing 2 bay building plus an office block, to the same design built in 1984.

The total unit excluding the office block is 96 metres x 72 metres deep designed in four bays each measuring 24 metres x 72 metres. The height is 6 metres to the eaves, each bay has a double pitched roof constructed of industrial, steel, powder coated, corrugated sheeting.

**Summary of significant Hazards.**

1. Gas heating on the loading bay.
2. Corrosive & Oxidiser packed chemicals.
3. Fork lifts battery chargers.
4. Gas fork lift.
5. Gas shrink wrap unit.
6. Mobile electric heaters.
7. Glue’s and pipe cleaners.
8. Large quantities of combustible material.

**People Affected**

Should this half of the main building catch fire, regardless of size, it would immediately affect all staff on site; it may require immediate evacuation of the whole site.

If the fire escalates to a major incident involving chemicals, it could affect all neighbouring businesses and housing estates.

**Preventative Measures**

**1** Gas heating is inspected and certified annually.

**2** Chemicals in bay 3 are stored separately, corrosives on 4 racks and oxidisers on 2 racks.

**3** Chargers only used by trained personnel, area always kept tidy. Only used in working hours.

**4** The combilift gas fork lift is taken outside and stored outside daily.N/A This has been sold.

**5** The gas shrink wrap unit is stored by the goods in exit doors and removed if alarm sounds.

**6** Only 2 or 3 are used, warehouse staff should not leave heaters unattended.

**7** All stored safely.

**8** Boxes and packing material should be stored safely.

**Protective measures**

An automatic fire detection system is likely to provide early warning of a fire developing and permit early intervention.

The fire wall and automatic fire shutter will protect 50% of the main building.

Fire extinguishers are provided to allow early intervention, however staff training must be given to allow competent use of the extinguishers.

**Measures to allow Evacuation**

The automatic Fire Alarm System should allow early warning to facilitate early evacuation.

The warehouse has all the required emergency lighting.

This area has sufficient fire escape doors for the number of staff working in the warehouse.

**Recommended Actions to Be Implemented by Directors**

**1** Ensure gas heating unit is checked annually.

**2** Ensure chemicals are stored safely.

**3** Check correct training is being given.

**4** Ensure all fork lifts are serviced annually, and stored correctly.

**5** Check this item will be removed from site in a fire situation.

**6** Purchase some plug in timer plugs that switch unit off after set time.

**7** Check Warehouse staff store glues and packing safely.

**8** Confirm Warehouse is kept tidy.

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**Recommended Timescales To Implement Aforementioned Actions.**

1. Confirmed by Facilities Co-ordinator – Site services
2. Confirmed – On Fire Plan
3. Ongoing regular training given
4. Confirmed by Warehouse Manager
5. Confirmed on Fire Plan
6. Units no longer in regular use – No Further action at this time
7. Confirmed with Warehouse Manager
8. Monitored regularly by Fire Office and Warehouse Manager

**Conclusion**

Due to the potential hazard in the event of a fire we must ensure that we do everything we can to make the building and our staff safe. The staff working in the Warehouse must have a professional and responsible attitude at all times, they are at the forefront of safety in the Warehouse and we rely on them to continue to achieve the high standards that we require.

Completed by: Pat Devaney

Signed: …………………………………………………… Date: ………………………………….

Viewed By Edward Campbell-Salmon

Managing Director

Signed: …………………………………………………… Date: ………………………………….

Viewed By: Ian A Warne

Finance Director

Signed: …………………………………………………… Date: ………………………………….