



File Ref. No: FRN21/1703 BFS22/837 8000019912
TRIM Doc. No: D22/17604
Contact: Station Officer Aaron Ross

9 March 2022

Rebecka Groth
NSW Department of Planning, Industry and Environment
Locked Bag 5022
PARRAMATTA NSW 502

Dear Rebecka Groth,

Re: Advice on Response to Submissions (RTS) for Jalco Manufacturing Facility (SSD-21190804)

Fire and Rescue NSW (FRNSW) acknowledge correspondence received on 02 March 2022, inviting advice on the RTS for the Jalco Manufacturing Facility (SSD-21190804). FRNSW have reviewed the RTS and other submitted documentation and make the following comments:

FRNSW note the facility is a warehouse covering an area of 20,390m² and is to contain an automated storage system using a Swisslog Vectura pallet stacker crane covering an area of 7,500m². FRNSW further note the facility will store a variety of dangerous goods used in the manufacturing process and that a review of the Major Hazard Facility (MHF) thresholds has determined the facility will not be classified as an MHF.

Given the size, complexity and automation of the facility FRNSW make the following recommendations to ensure first responders have ready access to information to quickly implement hazard control measures:

1. That an Emergency Response Plan (ERP) be developed to specifically address foreseeable on-site and off-site fire events and other emergency incidents, (e.g. LPG unloading incident ignition and fire, flammable liquid store fire or potential hazmat incidents).
2. That the ERP detail the appropriate risk control measures that would need to be implemented in order to safely mitigate potential risks to the health and safety of firefighters and other first responders (including electrical hazards). Such measures would include the level of personal protective clothing required to be worn, the minimum level of respiratory protection required, decontamination procedures, minimum evacuation zone distances and a safe method of shutting down the automated storage system (either in its entirety or partially, as determined by risk assessment).

3. Other risk control measures that may need to be implemented in a fire emergency due to any unique hazards specific to the site should also be included in the ERP.
4. That two copies of the ERP are stored in a prominent 'Emergency Information Cabinet' which is located in a position directly adjacent to the site's main entry point/s.
5. That an Emergency Services Information Package (ESIP) be developed as detailed in FRNSW guideline - Emergency Services Information Package and Tactical Fire Plansⁱ for use by responding firefighters. It is to be stored along with the ERP in an 'Emergency Information Cabinet' which is located in a position directly adjacent to the site's main entry point/s.

For further information please contact the Operational Liaison and Special Hazards Unit, referencing FRNSW file number BFS22/837. Please ensure that all correspondence in relation to this matter is submitted electronically to firesafety@fire.nsw.gov.au.

Yours sincerely,



Superintendent John Hawes
Manager
Operational Liaison and Special Hazards Unit

Cc: rebecka.groth@dpie.nsw.gov.au

ⁱ https://www.fire.nsw.gov.au/gallery/files/pdf/guidelines/guidelines_ESIP_and_TFP.pdf