

RISK ASSESSMENT WORKSHEET

Assessment: HCB Shipping Container Storage.. Site: Various sites Depot Nos 52 to57.

Date of Assessment: 24/11/09..... Factory: Orica Legacy –old PPY site, Anderson St, cellblock north & south, No 2 gate carpark, 5th St/8th Av.

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Factory Description: HCB Shipping Container stores

Consequence	Probability			
	Frequent	Probable	Occasional	Remote
Catastrophic				
Fatal				MEDIUM
Critical			MEDIUM	
Marginal		MEDIUM		
Negligible	MEDIUM			LOW

HAZARD IDENTIFICATION & CONTROLS (Description and location)		RISK ASSESSMENT											
No.		Probability (Please pick one)				Consequence (Please pick one)					Level of Risk (Please pick one)		
		Frequent	Probable	Occasional	Remote	Catastrophic	Fatal	Critical	Marginal	Negligible	High	Medium	Low
	Shipping container storage at various sites old PPY site, Anderson St, cellblock north & south, No2 gate carpark, 5 th st/8 th Av Depots 52 to 57												
1	External fire impinges on storage Separation distance from any flammable /combustible inventories Shipping container provides some protection Application of cooling water from adjacent hydrants			Occasional					Marginal			Medium	
2	Fire within container containing Class 3 materials. No ignition sources within container. Separation distances between Class 6 1 containers and SR 3 containers. Closed steel containers				Remote				Marginal				Low
3	Sabotage / terrorism. Screening of employees as per current Orica practices for potentially hazardous materials. BIP site security. Security patrols at night. Fire Brigade response			Occasional					Marginal			Medium	
4	Flood. Depots are on high ground, no flooding issues				Remote					Negligible			Low
5	Plane crash				Remote			Critical					Low
6	Contamination of containers by other site contamination eg mercury Containers will be raised to prevent this			Occasional									Low
7	Concern of proximity to outside neighbors. Only low level waste CI 9 will be stored near boundaries with appropriate separation, fencing & screening.		Probable							Negligible			Low

Notes:- 1./Scenarios & controls taken from Preliminary Hazard Analysis for project

2./Only scenario with increased risk over previous operation is sabotage simply because operation is more visible

3./ Risk assessment is generic for HCB container storage

4./ Depot 57 added 24/11/09

Procedure MP-ET-024A, Attachment 1