

No.	Accident / Abnormal Occurrence	Hazard, Deviation, Possible Causes	Consequences	Existing Risk Reduction Control in Place	Contingency & Mitigation Measures in Place to Protect Environmental Receptors	Action Required
1	Unit 72 Fire Consider a. transfer of substances, filling, emptying of vessels, overfilling of vessels b. Emissions from plant or equipment, leakage from joints, over-pressurisation, blocked drains c. Failure of containment e.g. physical failure, overfilling of bunds or drainage sumps. d. Failure to contain firewater e. Wrong connections made in drains or other systems. f. Incompatible substances allowed to come into contact g. Unexpected reactions or runaway reactions h. Release of an effluent before adequate checking of its composition i. Failure of main services (power, steam, cooling water etc.) j. Operator error, k. Vandalism	1.Arson, 2.Operational activities 3.Smoking	a. Loss of packaging and the unit 72 building. b. Asbestos roof, emission of asbestos. c. smoke from packaging fire. d. business unable to operate with packaging for the product.	1. Security fencing. 2. Gates locked when no shift working. 3. Access door locked, roller shutter only open when loading, unloading. 4. Emergency exit doors alarmed. 5. CCTV system installed internally and externally. 6. Security risk assessments completed. 7. Training security awareness training and emergency response training. 8. Fire system which is an addressable detection and alarm system certified to EN54-2:1997. 9.Systems are maintained, audited and inspected both internally, externally and the management system is certified to BS OHSAS 18001:2007 and BS EN ISO 14001:2004 10. Automatic link to Chubb central monitoring to enable direct calls to Fire and Rescue Service. 11. Insurance inspection by Tokio Marine Europe. 12. Monthly internal fire checks 13. Hand transfer of dry substances with LEV, good GMP and separate room. 14. No emission from the operations, vehicle or processes, storage activity. 15.Containment, spill kit available for FLT and HGV leaks, employees spill kit trained. 16. No incompatible substances, see DSEAR assessment 17.No effluent produced, dry operations, toilets locked etc. 18.Power failure; emergency light installed, no steam, compressed air 19. All employees and contractors trained, competent and supervised. 20 All incidents are investigated to establish causation, human error considered, low impact on the environment, a dry area. 21. No smoking rule and signs	1. Management and 5S inspections. 2. Regular checks on systems. 3.Supervision 4. Police informed of any unauthorised activity, with CCTV footage download and sent to the Police. 5.Permit to work system in place to control contractors. 6. CoSHH system in place with a substance inventory. 7. Clean as you go policy 8. All employees trained in spillage control and practice session completed. 9. SAP material requirement planner system used to control all materials, any delisted material are recycled, reused, nothing to landfill.	
2	Unit 72 Boiler, heating system Consider a. transfer of substances, filling, emptying of vessels, overfilling of vessels b. Emissions from plant or equipment, leakage from joints, over-pressurisation, blocked drains c. Failure of containment e.g. physical failure, overfilling of bunds or drainage sumps. d. Failure to contain firewater e. Wrong connections made in drains or other systems. f. Incompatible substances allowed to come into contact g. Unexpected reactions or runaway reactions h. Release of an effluent before adequate checking of its composition i. Failure of main services (power, steam, cooling water etc.) j. Operator error, k. Vandalism	1. The system is no-longer used and the system is isolated.	a. Water leak from the system.	1. System no-longer in use and is isolated. 2. Unit 72 doors are locked and the boiler house door is locked.	1. Management and 5S inspections. 2. Regular checks on systems. 3.Supervision 4.Permit to work system in place to control contractors. 5. Clean as you go policy 8. All employees trained in spillage control and practice session completed.	
3	Unit 72 Water, toilets, heating system Consider a. transfer of substances, filling, emptying of vessels, overfilling of vessels b. Emissions from plant or equipment, leakage from joints, over-pressurisation, blocked drains c. Failure of containment e.g. physical failure, overfilling of bunds or drainage sumps. d. Failure to contain firewater e. Wrong connections made in drains or other systems. f. Incompatible substances allowed to come into contact g. Unexpected reactions or runaway reactions h. Release of an effluent before adequate checking of its composition i. Failure of main services (power, steam, cooling water etc.) j. Operator error, k. Vandalism	Toilets no longer used and the water supply is isolated	Risk of flood of mains water or drainage. Frost damage to mains water supply.	Toilets isolated Heating system isolated	1. Management and 5S inspections. 2. Regular checks on systems. 3. Supervision 4. Contractors trained, competent, Safe Contractor approved and permit to work system. 5. Clean as you go policy 6. All employees trained in reporting incidents, spillage response.	1. Clarify the frequency of inspections. 2.Review water system, legionella risk assessment. 3. Develop and improvement action plan for the water system

4	Unit 72 Product spillage (limited, technical storage) Consider a. transfer of substances, filling, emptying of vessels, overfilling of vessels b. Emissions from plant or equipment, leakage from joints, over-pressurisation, blocked drains c. Failure of containment e.g. physical failure, overfilling of bunds or drainage sumps. d. Failure to contain firewater e. Wrong connections made in drains or other systems. f. Incompatible substances allowed to come into contact g. Unexpected reactions or runaway reactions h. Release of an effluent before adequate checking of its composition i. Failure of main services (power, steam, cooling water etc.) j. Operator error, k. Vandalism	1. Drop a bag from a pallet 2. Tip or spill ingredients during weighing	1. Localised low volume spillage inside the building 2. spillage low volume outside the building, road or yard area.	1. All product in suitable bags / containers 2. Good pallets used. 3. All employee trained 4. Low Volume of product (clarify the volumes)	1. Management and 5s Inspections 2. Regular checks 3. Supervision 4. Clean as you go policy. 5. All employees trained in spillage procedure.	1. Relocate the dry ingredient weighing and mixing process to the main production facility, this will reduce the need to transport, reduce the risk of accidental spillage.
5	Unit 72 Fly tipping in the yard Consider a. transfer of substances, filling, emptying of vessels, overfilling of vessels b. Emissions from plant or equipment, leakage from joints, over-pressurisation, blocked drains c. Failure of containment e.g. physical failure, overfilling of bunds or drainage sumps. d. Failure to contain firewater e. Wrong connections made in drains or other systems. f. Incompatible substances allowed to come into contact g. Unexpected reactions or runaway reactions h. Release of an effluent before adequate checking of its composition i. Failure of main services (power, steam, cooling water etc.) j. Operator error, k. Vandalism	1. Unauthorised fly tipping of waste we have no control over. 2. Potential for asbestos and hazardous waste to be dumped in the yard. Potential for increased fire risk	1. Health and safety risk to employees 2. Increased cost to the business, waste disposal, poor GMP 3. Drainage and land contamination 4. Damage to property 5. Unauthorised entry risk of violence	1. Gates closed when no shift working 2. CCTV in operation. 3. Police informed of any suspicious behaviour. 4. Employees trained in security awareness and Shift Mangers have been informed on the action to take with unauthorised entry.	1. All external drains have been identified and surveyed 2. The Shift Manager as the Police contact details and employees have been briefed to report all suspicious behaviour to the Shift Manager	Review security arrangements, can the security of the site be improved.
6	Unit 72 HGV vehicle, FLT accident Consider a. transfer of substances, filling, emptying of vessels, overfilling of vessels b. Emissions from plant or equipment, leakage from joints, over-pressurisation, blocked drains c. Failure of containment e.g. physical failure, overfilling of bunds or drainage sumps. d. Failure to contain firewater e. Wrong connections made in drains or other systems. f. Incompatible substances allowed to come into contact g. Unexpected reactions or runaway reactions h. Release of an effluent before adequate checking of its composition i. Failure of main services (power, steam, cooling water etc.) j. Operator error, k. Vandalism	1. Collision 2. Leak of fuel 3. Theft from or of vehicle	a. oil spillage b. fuel spillage c. vehicle theft, unauthorised entry, driving of vehicle.	1. speed limit 5 mph, sign posted, induction material 2. All vehicles are scheduled to site, SAP MRP system 3. All personnel trained to drive vehicles 4. Spill kit available, Princes employees trained and spill kit checked regularly 5. Only dry materials off loaded with limited loading (only in frequent recycling material, i.e. packaging) 6. Fencing, gates installed as detailed above. 7. Limited Princes personnel working in unit 72.	1. Vehicle loading and unloading carried out by Princes employees 2. Regular checks of vehicles before unloading, checks recorded. 3. Gates locked when no shift operates and weekends	
7	Unit 72 Asbestos release Consider a. transfer of substances, filling, emptying of vessels, overfilling of vessels b. Emissions from plant or equipment, leakage from joints, over-pressurisation, blocked drains c. Failure of containment e.g. physical failure, overfilling of bunds or drainage sumps. d. Failure to contain firewater e. Wrong connections made in drains or other systems. f. Incompatible substances allowed to come into contact g. Unexpected reactions or runaway reactions h. Release of an effluent before adequate checking of its composition i. Failure of main services (power, steam, cooling water etc.) j. Operator error, k. Vandalism	a. Asbestos containing material disturbed (contractors, maintenance work) b. Fire situation resulting in debris	1. release of asbestos dust	1. Asbestos survey completed and building checked. 2. Permit to work system in place for contract and maintenance work. All personnel aware of the asbestos material in the building and warning notices posted. 4. Supervision 5. Contractor induction training 6. Good fence, gates 7. CCTV in operations and signs posted.		

8	Packaging material toppling, falling Consider a. transfer of substances, filling, emptying of vessels, overfilling of vessels b. Emissions from plant or equipment, leakage from joints, over-pressurisation, blocked drains c. Failure of containment e.g. physical failure, overfilling of bunds or drainage sumps. d. Failure to contain firewater e. Wrong connections made in drains or other systems. f. Incompatible substances allowed to come into contact g. Unexpected reactions or runaway reactions h. Release of an effluent before adequate checking of its composition i. Failure of main services (power, steam, cooling water etc.) j. Operator error, k. Vandalism	a. Forklift truck loading and unloading packaging	1. damage to dry packaging material, FLT, structures	1. All forklift trucks operated are trained and have regular medical examinations. 2. A limited number of personnel are assigned to work in unit 72. 3. Floor and warehouse conditions are sound, level, dry with adequate lighting.		
9	Unit 72 Handyman workshop accident spillage Consider a. transfer of substances, filling, emptying of vessels, overfilling of vessels b. Emissions from plant or equipment, leakage from joints, over-pressurisation, blocked drains c. Failure of containment e.g. physical failure, overfilling of bunds or drainage sumps. d. Failure to contain firewater e. Wrong connections made in drains or other systems. f. Incompatible substances allowed to come into contact g. Unexpected reactions or runaway reactions h. Release of an effluent before adequate checking of its composition i. Failure of main services (power, steam, cooling water etc.) j. Operator error, k. Vandalism	a. unauthorised entry	1. Theft and disturbance of items stored in the handyman workshop.	1. Handyman workshop no longer used, the room is locked, authorised access only 2. Regular inspection		

