

Risk assessment

Inspectors name: Leroy Dwyer

Place inspected: KDG logistics Old international airport

Date of inspection: 23/10/2024

Observations Hazards and consequences	Control measures Immediate and longer-term actions	Timescale
1. Entrance / Exit gate KDG Yard has a blind spot which can lead to collisions with crossing traffic.	1. Signage to be placed at gate to warn traffic and employees using the road, leads man when HMV exiting the yard. Security to ensure traffic control at the boom gate	1. 2 weeks
2. Yard perimeter vegetation overgrown could lead to fires in the dry season.	2. A yard maintenance schedule must be implemented to control overgrown vegetation.	2. Immediate - continuous maintenance
3. Fuelling area has evidence of spills, spilt fuel can lead to fires.	3. Maintain high housekeeping standards, and ensure all spills are reported and cleaned.	3. Immediate – Ongoing cleaning and maintenance
4. Fuelling area road damaged/potholes causing ground contamination when fuel is spilt and could cause trips/ slips if stepped in.	4. Repair roads and potholes and install a drain to catch spilt fuel.	4. 4 weeks
5. Hydraulic leaks from carrier repairs causing ground pollution.	5. Ensure the technician uses a drip tray when removing or working on hydraulic components. All hydraulic spills must be reported.	5. Immediate/ongoing
6. Fittings on the airline hose leaking air, indicating that the fittings are worn, which could cause the fitting to come loose and cause injury.	6. Call the contractor to replace all damaged airlines and fittings and obtain a COC for compressed airline and tools.	6. 2 weeks
7. Uneven surfaces and potholes in the yard, loose gravel and debris can cause injury or damage to cars, as well as slip and trip hazards.	7. Loose debris and gravel to be swept up, and uneven surfaces and potholes to be repaired.	7. 2 weeks- ongoing yard maintenance.
8. DB box not locked if unauthorised personal access electrical box this could lead to electrical shock.	8. DB boxes to be locked Access to the electrical DB box by authorised personnel only.	8. Immediate – Ongoing inspections
9. Potholes in the fuelling area could lead to slips and trips and an increase in ground pollution if spills occur.	9. Potholes to be repaired, the floor to be sealed to prevent ground pollution, and regular maintenance in the fuelling area.	9. 4 weeks
10. Cables and storage buckets in the fuelling hut, poor housekeeping which can lead to slips and trips if cables and objects are left lying on the ground.	10. Cables in the fuelling hut are to be placed neatly, no objects are to be stored in the fuelling hut. Daily cleaning to take place in the fuelling hut.	10. Immediate – Ongoing cleaning and maintenance
11. Metal debris lying in the yard, poor housekeeping leading to slips and trips, and vehicles driving into metal debris causing vehicle damage.	11. Yard cleaning is to be conducted daily. All metal debris or metal truck spares are to be kept in dedicated and marked areas.	11. Immediate – Ongoing cleaning

12. Incorrect storage of chemicals in the workshop could lead to spills and fires if certain chemicals come into contact.	12. All chemicals are to be labelled and stored in a demarcated area. Training to be conducted with workshop staff and chemical dangers and storage. All MSDS are to be kept on hand	12. 1 week – Yearly training,Ongoing inspections
13. Workshop airline lying on the ground which can lead to slips and trips causing injury.	13. Workshop staff to be trained on good housekeeping standards.	13. Immediate – Ongoing inspections
14. Airline fittings leaking and worn which can lead to fitting failing under pressure causing injury to the user.	14. Airline maintenance is to be conducted regularly. Daily airline checks are to be conducted and defects are to be rectified. Workshop staff to be trained on the dangers of compressed air.	14. 1 week – Daily inspections
15. Staff falling into the inspection pit in the workshop could lead to serious injury.	15. All workshop staff are to be trained on the dangers of the inspection pit. Only authorised personnel to enter the workshop.	15. 1 week – Daily inspections
16. 3-phase electrical cable running along the fuel line and exposed above ground. If the cable becomes damaged this could lead to a possible fire, electrical shock or explosion which could lead to serious injury/ fatality.	16. The cable carrying -3-phase electrical power needs to be re-routed and secured correctly by a certified electrician and a COC is to be issued for the work.	16. 4 weeks
17. The billboard placed in the centre of the yard near the workshop has created a reduction in space causing trucks to drive in close proximity of the workshop entrance. This causes the truck to drive in the direct path of staff exiting the workshop.	17. Bollards to be placed in alongside the workshop exit to protect staff from passing trucks. Walkways and signage to be put in place to changes the direction of staff exiting the workshop.	17. 2 weeks
18. Fuel storage tanks placed on site do not meet legal requirements, this includes MHI approval and yearly fire inspection by the fire chief for certification. Failure to comply can lead to fines or imprisonment. Noncompliance also increases the risk of fuel spills and fires.	18. The fire chief is to be contacted to conduct inspections arranged annually. MHI authorisation must be obtained.	18. 4 weeks
19. The underground fuel line linking the fuel storage on the suppliers' site to KDG's site must meet regulations and approval. Failure for the supplier to comply can lead to fines or imprisonment. Noncompliance also increases the risk of fuel spills and fires.	19. The fire chief is to be contacted to conduct inspections arranged annually. The offsite supplier needs to provide proof to KDG of compliance to all legal and statutory regulations.	19. 4 weeks
20. Rear gate to the site broken this increase the risk of theft and property damage.	20. New gate to be erected. Daily checks to be conducted to ensure gate is in working condition.	20. 2 weeks
21. Security dogs kennel to close to the fuel storage area, in the event of a fire access and egress to free the security dog would endanger the dog handler due to the proximity of the tank.	21. Dog kennel to be moved to a more secure location.	20. 2 weeks

22. Outdoor electrical outlets missing covers, this could lead to electrical shock if used in wet conditions.	22. Covers of electrical outdoor outlets to be replaced.	22. 1 week
23. Excessive storage of scrap tyres can lead to increased risk of fire due to incorrect storage.	23. Scrap tyres to be stored in the workshop or warehouse, scrap tyres to be collected on a monthly basis.	23. Ongoing- monthly collection