

Forkway Risk Assessment – RA-019



Task/ Activity	Trailer and Free standing IBC Fuel Bowser Regular Inspections and Testing in line with ADR regulations.			Persons Exposed		
Location	Forkway locations and customer sites throughout the UK and Republic of Ireland.			Forkway Employees	Customer Employees	Members of Public
Name of Assessor(s)	Vic Hargreaves (Regional SHEQ Advisor)	Date of Assessment	12/04/2024 (V2)	1 - 2	May be in area	May be in area
		Date of Next Review	12/04/2025			
Stop and Think						
Before undertaking any task/ activity it is essential that you have read and understood all of the control measures in this document and are satisfied that the control measures herein are suitable and sufficient. If you find the control measures are not suitable and sufficient, contact your line manager before proceeding.						
The personal protective equipment required at all times throughout the task is Safety Boots, Overalls, Nitrile Gloves, Safety Glasses and high visibility clothing (vest as minimum). Where additional PPE is required it will be identified at the relevant points in this risk assessment, supporting risk assessments, supporting safe working methods and relevant COSHH assessments.						

Hazard	Initial			Control Measures	Residual		
	Likelihood	Severity	Rating		Likelihood	Severity	Rating
1. Struck or crushed by unit undergoing testing moving unexpectedly;	3	5	15	Ensure work area is on firm, level ground. Ensure all park brakes are engaged. Unit must be isolated before work begins. Key or any power switch's set to off position and remain off throughout task. Chock wheels where risk of movement is present.	1	5	5
2. Crushed or struck by lifting equipment (forklift, crane, etc.) being used to remove large/ heavy covers being removed;	3	5	15	Avoid lifting operations where possible. All lifting operations must be fully planned beforehand. Lifting operations risk assessment and safe system of work must be followed along with manufacturer's manual for instructions on lifting method.	1	5	5
3. Struck by moving vehicles, plant equipment or customer machinery operating in the area;	3	5	15	Avoid work at or near areas where other vehicles, plant equipment or customer machinery operate. Wherever possible use field service vehicle as a barrier between yourself and site activities. Illuminate your service vehicle's warning beacons in areas with high volumes of traffic or if you have to stop on any traffic routes on the customer's site. If work near site traffic cannot be avoided use cones or barriers to protect your work area. Any automated machinery, such as production lines, conveyor systems, etc. must be isolated before work begins. High visibility clothing must be worn.	2	5	10

MULTIPLY THE LIKLIHOOD AND SEVERITY TO GET THE RISK RATING

Likelihood - (5=Very Likely, 4= Likely, 3= Possible, 2= Unlikely, 1= Highly Unlikely)

Severity - (5=Very Severe, 4= Severe, 3= Moderate, 2= Slight, 1=Negligible)
measures

0- 5 = Low Risk - No Action Required.

6-15 = Medium Risk - Ensure adequate controls are in use.

16-25 = High Risk - Stop operation and implement adequate control

Hazard	Initial			Control Measures	Residual		
	L	S	R		L	S	R
4. Striking pedestrians, other vehicles or fixed objects when positioning unit;	3	5	15	Request customer's trained operators to deliver/site unit. Engineer must not manoeuvre the unit unless trained to do so and familiarised with the manufacturer's operating instructions. Ensure all persons are clear from the area before operating. Follow site speed limits, traffic systems, etc. Contact line manager before proceeding if refresher or additional training is required.	1	5	5
5. Struck by test equipment released under pressure or components failure which are pressurised;	3	5	15	Customer is responsible to ensure that the IBC is empty of fuel for testing, if not testing should not take place . Engineers must have completed mandatory training and follow prescribed process to complete pressurised system checks in line with test procedure. Ensure pressure is relieved safely from fuel systems before working on them. Follow manufacturer's/training instructions when removing or re-fitting any pressurised components, and ensure sufficient hose length is available so engineer does not have to stand over the unit whilst pressure is being raised.	1	5	5
6. Electrical shock from powered tools used;	2	5	10	Pneumatic or battery powered tools should be used as preference. Mains powered tools must not exceed 110V. A suitable RCD must be in place.	1	5	5
7. Electrical shock/ electrocution from high voltage electrical services;	3	5	15	Never work anywhere near high voltage electrical services. High voltage electricity can jump through the air if a conductor comes close enough.	1	5	5
8. Fall from height when accessing covers, parts or components which cannot be reached from ground level;	3	5	15	Work at height must be avoided where possible. Engineers must never climb freely on machine under any circumstances. Appropriate access equipment must be used to reach components at height. All engineers carry ladders as a minimum however other more suitable access equipment must be used if available or required. Work at height risk assessment and safe system of work for specific access equipment must be followed.	2	5	10
9. Slip, trip or fall when accessing or egressing from unit;	3	4	12	Engineer must only use the correct access routes to machines and maintain three points of contact. Ensure steps, handles and floors of the machine are clean and in good condition. Keep boots clean & free from oil. Engineers must never climb freely on machine under any circumstances.	2	4	8
10. Cuts or lacerations to hands or body from contact with sharp components on unit especially when removing hatches;	3	4	12	Always remain vigilant for sharp components and take note of their whereabouts. Avoid removing guards unnecessarily during maintenance. Ensure appropriate cut resistant PPE is worn before working on, near or handling sharp covers. Follow manufacturer's guidance for specific PPE requirements or contact your line manager.	2	4	8
11. Contact with oils, greases, fuels, lubricants or solvents associated with the machine or its maintenance;	5	2	10	Avoid unnecessary contact with substances where possible. It is mandatory to deploy a drip tray to collect any diesel fuel leaks during tests to prevent ground contamination. Also overalls, safety boots, gloves and safety glasses must be worn as a minimum at all times. Ensure good levels of personal hygiene. Wash hands before eating, drinking, smoking or going to the toilet. Do not put oil impregnated tools or rags into pockets.	2	2	4

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Hazard	Initial			Control Measures	Residual		
	L	S	R		L	S	R
12. Burns or fire started by hot work;	3	5	15	No hot work to be undertaken with ANY IBC units. See HSE publication INDG 314.	2	5	10
13. Fire or explosion from fumes reaching source of heat or ignition;	3	5	15	Ensure there are not sources of heat or ignition in the vicinity before starting (e.g. smoking, hot work, heaters, etc.). As above, hot work must not be undertaken. Leave mobile phone in service vehicle during work activity. ☒ Ensure the equipment is in a suitable location that is free from any drains, pits or other areas below ground level where fuels could gather	2	5	10
14. Contact with fuel or substances from customer processes or vermin;	3	5	15	If you find machine to be covered in a fuel request the machine is cleaned before starting. Avoid contact with fuel where possible. If unavoidable use rubberised gloves before starting. Overalls, safety boots and safety glasses must be worn as a minimum at all times. Ensure good levels of personal hygiene. Wash hands before eating, drinking, smoking or going to the toilet. Engineers trained in recognising symptoms of Leptospirosis and carry Leptospirosis cards for emergencies.	2	5	10
15. Gases or fumes from unit;	3	4	12	Engineers must wear dust mask EN149:2001 ffp2 protection if exposed to fuel fumes.	2	4	8
16. On site emergency situations;	3	4	12	If you have not been shown already, enquire with site contact to determine the emergency evacuation routes and procedures in the event of a fire. Enquire whether there are any other site emergencies which may arise and the actions that must be taken, e.g. release of a toxic chemical. Inform line manager of any potential site emergency situations other than fire that you are made aware of before proceeding.	2	4	8
17. Drowning from falling into water;	3	5	15	Avoid work on or near water wherever possible. Work on or near water must only be undertaken if trained and competent to do so. Work on or near water risk assessment and safe system of work must be followed.	2	5	10
18. Work at or near the roadside;	3	5	15	Avoid work at or near the roadside wherever possible. Work at or near the roadside must only be undertaken if trained and competent to do so. Work at or near the roadside risk assessment and safe system of work must be followed.	2	5	10
19. Lone working;	3	5	15	Avoid lone working where possible. If lone working cannot be avoided ensure you follow company lone working procedures. Do not carry out any identified high risk activities if lone working.	2	5	10

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