

Risk Assessment

1.0 Risk Assessment Details

1.1 Risk Assessment Number	0000000021
1.2 Risk Assessment Date	24/09/2024
1.3 Risk Review Date	24/09/2025
1.4 Risk Assessment Author	
1.5 Project/Contract	Testing & Use Of The Dyno/Rolling Road
1.6 Start Date	
1.7 Expected Job Duration	
1.8 Client Contact	
1.9 Description	Engine Testing & Use Of The Dyno/Rolling Road
1.10 Site Address	

2.0 Signatures

	Name	Title	Signature	Date
Document Author				24/09/2024

Data Protection Statement

The information and data provided herein applies only to the contract for which it was written, it shall not be duplicated, disclosed or disseminated by the recipient in whole or in part for any purpose whatsoever without the prior written permission from HS Direct..

It is the duty of all employees to observe the following Risk Assessment framed to provide a code of good practice and conduct with the object of preventing accidents. At all times employees must work in a safe manner both to prevent personal injury to themselves or to other personnel.

3.0 Individuals or Groups Affected By This Assessment

Groups Affected
Employees
Members of Public

Main Contractor

4.0 Hazards and Control Procedures :

Pre-Control			Hazard: Electricity (General)	Residual Risk		
P	S	RR		P	S	RR
			Electric Shock			
4	5	20	Control Procedures	1	5	5
			Electrical Fixed Mains Wiring Inspection Performed Fixed mains wiring inspection carried out to the requirements of BS 7671			
			Only personnel with sufficient information, instruction and training can operate the equipment.			
			Residual Current Devices (R.C.D.s) are used to protect personnel in the event of an earth fault			

Pre-Control			Hazard: Hot/Oily Surfaces	Residual Risk		
P	S	RR		P	S	RR
			Risk of injury (e.g. skin burns) & ill-health (e.g. dermatitis) due to coming into contact with oily surfaces			
4	4	16	Control Procedures	1	4	4
			Suitable barrier cream & hygiene station is provided			
			Operatives should not come in to contact with hot surfaces.			
			Eye protection supplied to BS EN 166 & relevant to the work activity hazard			
			Gloves Worn - EN 455 Single-Use Medical Gloves			
			Good hand washing procedures observed to reduce the risk of skin disorders and promote good hygiene			
			Hygiene procedures in place & followed			
			Information, instruction and training given on hygiene			
			Protective Clothing Must Be Worn			

Pre-Control			Hazard: People Movement - Oily Surfaces	Residual Risk		
P	S	RR		P	S	RR
			Risk of injury due to slippery floor surface and potentially combustible substances.			
4	4	16	Control Procedures	1	4	4
			Spill Kit Available Spillage kits in the form of absorbent granules are available to be used in the event of a spillage			
			Spillages Cleaned Up Immediately			
			Suitable Spill Containment Provided			

Pre-Control			Hazard: Vehicle Exhaust Fumes	Residual Risk		
P	S	RR		P	S	RR
			Risk of ill health due to the inhalation of exhaust and other toxic fumes.			
4	4	16	Control Procedures	1	4	4
			Local Exhaust Ventilation Provided For The Task			
			Local Exhaust Ventilation Tested in accordance with the statutory requirement for the work/type.			

Pre-Control			Hazard: Vehicle Fire	Residual Risk		
P	S	RR	Risk of injury caused by naked flames, faulty electrical equipment, arson, explosion or chemicals.	P	S	RR
4	4	16	Control Procedures	1	4	4
			Fire exits & signage maintained & displayed to show the way to the nearest safe final exit.			
			Fire extinguishers provided In areas of higher risk due to the work activity			
			A fire risk assessment has been carried out denoting the fire hazards & appropriate control measures			
			Fire training (including evacuation) carried out at Induction and refreshed periodically			

Pre-Control			Hazard: Vehicle Movement	Residual Risk		
P	S	RR	Risk of injury through coming into contact with vehicles moving around the area.	P	S	RR
4	4	16	Control Procedures	1	4	4
			Floor markings provided to warn pedestrians of traffic as part of the traffic management plan			
			Keys are removed from unattended vehicles to prevent unauthorised use			
			Only licensed personnel with sufficient information, instruction & training can drive the vehicles.			
			Pedestrian and vehicle routes are marked and physically separated where possible			
			Traffic Calming In Place			
			Vehicle Park Has Suitably Marked Out Parking Bays			

Pre-Control			Hazard: Work Equipment - Dyno/Rolling Road	Residual Risk		
P	S	RR	Risk of injury (e.g. entanglement) & property damage whilst undertaking testing using the dyno/rolling road.	P	S	RR
4	4	16	Control Procedures	1	4	4
			Only operated by persons that have received adequate training & authorised to use the equipment			
			Barriers In Place To Prevent Unauthorised Access			
			Fixed guards in place/replaced at all times & regularly checked			
			Foot protection supplied & worn to BS EN 20345 relevant to the work activity hazard			
			Only personnel with sufficient information, instruction and training can carry out the task.			
			Pre-start Checks Undertaken			
			Provisions of written Safe Systems of Work to control the process with the minimum risk of injury			
			Used for restraining equipment & materials in place			
			Routine maintenance is undertaken in accordance with the manufacturer's requirements			
			Relevant warning & information signage displayed relative to the work activity, hazard & risks			

Pre-Control			Hazard: Manual Handling Of Materials	Residual Risk		
P	S	RR	Risk of injury whilst undertaking the manual handling of materials & hazards along the route	P	S	RR
4	4	16	Control Procedures	1	4	4
			All aisles and gangways kept clear to avoid slips and trips			
			An assessment of the manual handling risk has been carried out for the task.			
			All relevant employees have received training on correct manual handling techniques			
			Suitable protective footwear is worn whilst carrying out manual handling activity.			
			Spillages Cleaned Up Immediately			

Pre-Control			Hazard: Noise	Residual Risk		
P	S	RR	Hearing damage	P	S	RR
4	4	16	Control Procedures	1	4	4
			All employees receive induction training upon commencement with the Company			
			Audiometric hearing tests carried out for employees exposed regularly to noise levels 85dB(A) & ove			
			All staff must wear the appropriate ear defenders in noisy areas.			

Pre-Control			Hazard: People Movement (Risk of Trips & Falls)	Residual Risk		
P	S	RR	Risk of injury due to a variety of access/egress hazards that can cause trips & falls	P	S	RR
4	4	16	Control Procedures	1	4	4
			All aisles and gangways kept clear to avoid slips and trips			
			All staff are trained in good housekeeping techniques & the standards expected in the workplace			
			Good housekeeping standards observed & maintained by operatives throughout the duration of the task			

Probability (P)	Severity (S)	Risk Ranking (RR = P * S)
1 Highly Unlikely	1 Trivial	< 1 - No Action Required
2 Unlikely	2 Minor injury	> 2 - Low Priority
3 Possible	3 Over 3 Day injury	> 8 - Medium Priority
4 Probable	4 Major injury or condition	>10 - High Priority
5 Certain	5 Incapacity or Death	>15 - Urgent Action Required

5.0 Required PPE

		
Eye protection	First Aid Kit	Hand Protection
		
Overalls	Protective Footwear	

Dynamic Risk Assessment

Please note a copy of this Dynamic risk assessment must be returned to Head office complete with signatures.
 Tick items covered by the risk assessment, then list on the table below hazards and controls for the additional items involved on this job.

HAZARD	HAZARD	HAZARD	HAZARD	HAZARD	HAZARD	HAZARD
Access / Egress	Adverse Weather	Asbestos	Biological	Excavations	Exposure to Gas / Gases	Movement of Vehicles
Chemicals	Confined Space	Dusts / Particles	Electrical	Other Contractors	Limited Headroom	Moving Machinery
Lone Working	Fire	Fumes	Lighting	Flooding	Noise	Scaffold
Work at Height	Slips, Trips or Falls	Extreme Temperatures	Demolition Works	Work Near Water	Vibration	Wastes
Uneven Surfaces	Use of Ladders / Stepladders	Ventilation	Vermin / Weils Disease	Overhead Cables	Hidden Services	Manual Handling

ADDITIONAL TASK(S) OR HAZARDS NOT COVERED BY THE ORIGINAL RISK ASSESSMENT

Dynamic Risk Assessment (to be completed if a new significant hazard is identified when commencing work on site)								
Additional Hazards identified	Injury risk identified eg cuts, burns etc	Control measure adopted	Likelihood (L)	Severity (S)	Risk ranking (LxS)	Proceed (Y/N)	Supervisor signature	Client signature

- 15 - 25 = High Risk - STOP - advise your supervisor that the risk is high and seek further advice.
- 8 - 12 = Medium Risk - CAUTION proceed but take extra precautions
- 1 - 6 = Low Risk - PROCEED with task maintaining controls