

# Warehouse Risk Assessment

Thurrock Engineering Supplies Ltd

<b>Company</b>	Thurrock Engineering Supplies Ltd	<b>Assessment ref</b>	RA-WH-2026-01
<b>Site / area</b>	Warehouse & yard, Unit 1 Motherwell Way, Grays RM20 3XD	<b>Assessor</b>	Tom Hall
<b>Standard</b>	ISO 45001 · MHSWR 1999 reg.3 · HSWA 1974	<b>Responsible person</b>	Tom Hall
<b>Assessment date</b>	30 June 2026	<b>Review date</b>	30 June 2027 (annual)

This assessment covers warehouse and yard activities at Unit 1 Motherwell Way and the people who may be affected: warehouse staff (approx. 1–3), the forklift operator, office staff entering the warehouse, delivery drivers, visitors and contractors. Controls listed are those currently in place; recommended further actions are owned by the responsible person.

## Hazard register

#	Hazard	Who is harmed & how	Current controls	L	S	Risk	Recommended further action	Owner / target
1	<b>Forklift operations / pedestrian segregation</b>	Staff, pedestrians, drivers – collision or crushing by Mitsubishi FG18N FLT	Trained & authorised operators; marked pedestrian routes; horn use; speed control; daily pre-use checks.	3	5	<b>High</b> 3x5=15	Maintain & enforce pedestrian segregation and signage; control FLT keys; verify daily check records.	Tom Hall / ongoing
2	<b>LPG cylinder storage &amp; changeover</b>	Operators – fire/explosion, gas leak, manual handling of cylinders (gas forklift fuel)	Cylinders stored upright in ventilated external area; trained changeover; no ignition sources nearby.	2	5	<b>Moderate</b> 2x5=10	Complete a DSEAR assessment for LPG; provide a secured, signed cylinder cage; record cylinder checks.	Tom Hall / ongoing
3	<b>Manual handling of goods</b>	Warehouse staff – musculoskeletal / back injury lifting & carrying stock	Manual-handling training given; mechanical aids used; team lifts for heavy loads.	3	3	<b>Moderate</b> 3x3=9	Provide & maintain pallet truck / trolleys; label heavy items; reduce carry distances.	Tom Hall / ongoing
4	<b>Working at height / mezzanine access</b>	Staff – falls from mezzanine, steps or when retrieving goods at height	Mezzanine edge protection / handrails; steps/ladder provided; climbing racking prohibited.	2	5	<b>Moderate</b> 2x5=10	Install/verify a mezzanine pallet gate; introduce ladder inspections; enforce no-climbing rule.	Tom Hall / ongoing
5	<b>Racking – storage &amp; falling objects</b>	Staff – impact from collapse or items falling from racking	SWL notices; load limits observed; visual checks for damage.	2	5	<b>Moderate</b> 2x5=10	Arrange annual SEMA-approved racking inspection (see Racking Inspection); damage-reporting procedure.	Tom Hall / ongoing
6	<b>HGV deliveries / loading bay / yard movements</b>	Drivers & staff – vehicle/pedestrian collision, reversing, falls from vehicles	Designated loading area; hi-vis worn; assistance/banksman where needed.	3	4	<b>High</b> 3x4=12	Produce a traffic-management plan; controlled reversing; segregate pedestrians in the yard.	Tom Hall / ongoing
7	<b>Slips, trips &amp; housekeeping</b>	All persons – injury from spills, packaging debris, uneven surfaces	Housekeeping routines; spills cleared; gangways kept clear.	3	3	<b>Moderate</b> 3x3=9	Scheduled housekeeping; prompt spill clear-up; report & repair floor damage.	Tom Hall / ongoing
8	<b>Hazardous substances (COSHH)</b>	Staff – skin/eye/inhalation exposure or fire from LPG, cleaning products, oils/aerosols, adhesives/paints	Substances stored appropriately; ventilation; PPE available.	2	3	<b>Moderate</b> 2x3=6	Complete COSHH assessments per substance; obtain safety data sheets; provide PPE and a spill kit.	Tom Hall / ongoing

#	Hazard	Who is harmed & how	Current controls	L	S	Risk	Recommended further action	Owner / target
9	<b>Fire</b>	All persons – burns / smoke from LPG, electrical or packaging ignition	Extinguishers serviced 13/05/2026; clear exits; alarm.	2	5	<b>Moderate</b> 2x5=10	Ensure a current Fire Risk Assessment; keep exits clear; maintain fire-marshall cover.	Tom Hall / ongoing
10	<b>Personal protective equipment (PPE)</b>	Staff – injury where PPE inadequate or not worn	Safety footwear required; hi-vis required; gloves available.	2	3	<b>Moderate</b> 2x3=6	Enforce PPE use; replace worn PPE; display PPE signage at entry.	Tom Hall / ongoing
11	<b>Lone working</b>	Staff – delayed help if injured while alone; no banksman for high-risk tasks	Mobile phones; first aider on site in hours.	2	4	<b>Moderate</b> 2x4=8	Introduce a lone-working procedure; prohibit solo FLT / high-risk tasks out of hours.	Tom Hall / ongoing
12	<b>Electrical</b>	Staff – shock or fire from equipment, chargers, sockets	User visual checks; sockets not overloaded.	2	4	<b>Moderate</b> 2x4=8	Introduce & record PAT testing; remove damaged equipment.	Tom Hall / ongoing
13	<b>Temperature, draughts &amp; lighting</b>	Staff – discomfort / reduced visibility (roller shutter open)	Adequate lighting; suitable clothing; shutter closed when practical.	2	2	<b>Low</b> 2x2=4	Maintain lighting levels; manage draughts; provide warm clothing in cold weather.	Tom Hall / ongoing
14	<b>First-aid provision</b>	All persons – untreated injury / illness	Trained first aider (T. Hall, EFAW); first-aid kit; accident reporting.	2	3	<b>Moderate</b> 2x3=6	First-aid needs assessment; ensure cover across working hours.	Tom Hall / ongoing

### Risk rating matrix (Likelihood x Severity)

Severity ↓ / Likelihood →	1 Rare	2 Unlikely	3 Possible	4 Likely	5 Almost certain
<b>5 Catastrophic</b>	5	10	15	20	25
<b>4 Major</b>	4	8	12	16	20
<b>3 Moderate</b>	3	6	9	12	15
<b>2 Minor</b>	2	4	6	8	10
<b>1 Insignificant</b>	1	2	3	4	5

Score 1–4	Score 5–10	Score 11–18	Score 19–25
<b>LOW</b>	<b>MODERATE</b>	<b>HIGH</b>	<b>CRITICAL</b>

### Sign-off

Assessed by: Tom Hall	Signature: _____	Date: 30 June 2026
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