

SITE SURVEY REPORT

DSEAR Assessment Record

Prepared for	Nene Coachworks Ltd
Date	17 Sep 2026
Site	Unit 4, Meadow Lane Trading Estate, Kettering
Prepared by	A. Lindqvist

FORM

DSEAR Assessment Record**1. Record details and scope**

Project	Unit 4, Meadow Lane Trading Estate, Kettering: spray booth and solvent store
Site or premises address	Unit 4, Meadow Lane Trading Estate, Kettering
Client or organisation	Nene Coachworks Ltd
Record date	17 Sep 2026
Person completing the record	A. Lindqvist, health and safety adviser

This records a competent assessment. It does not calculate hazardous zones, select explosion-protected equipment or replace a specialist hazardous-area classification or verification.

DSEAR requires assessment of risks from dangerous substances, including fire and explosion risks; HSE also describes gases under pressure and substances corrosive to metals within its scope. Regulation 5 requires a suitable and sufficient assessment and review in the specified circumstances. Employers with five or more employees must record the significant findings and specified information.

2. Scope and competence

Process, premises and activities covered	Vehicle body repair workshop. Covers the solvent based paint spray booth, the paint mixing room and the external flammable liquids store. Body shop welding bays are outside the scope but noted as an ignition source nearby.
Assessor competence and specialist input	A. Lindqvist, CMIOSH, with hazardous area input from Rowan Process Safety (report reference below)
Scope, assumptions and assessment limitations	No sampling of solvent levels was done. Assessment uses the safety data sheets and the booth maker's information. The underfloor extract duct was not opened.
Process drawings and area plans	Site plan SP-NC-01 rev C, booth layout drawing from the installer, mixing room plan MR-02

3. Substances and scenarios**Substance or scenario 1: Solvent based basecoat and thinners, up to 60 litres in the mixing room, up to 400 litres in the external store**

Substance, quantity and storage/use location	Solvent based basecoat and thinners, up to 60 litres in the mixing room, up to 400 litres in the external store
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Current safety data sheet reference	SDS file NC-SDS-2026, checked against supplier list on 10 September 2026
Relevant dangerous properties and evidence	Highly flammable liquids and vapours, vapour heavier than air. Flash points below normal room temperature on the SDS.
Normal and foreseeable abnormal release scenarios	Normal: vapour while mixing and spraying. Abnormal: spilt tin in the mixing room, leak in the store, extract fan failure while spraying.
Ignition sources and affected people	Electrical equipment in the mixing room, static from pouring, hot work in the welding bays 12 m away. Painters, other workshop staff and visitors to the reception.
Elimination, substitution, prevention and mitigation measures	Mixing room on its own extract, lids kept on, small containers only, bonded pouring. Booth interlocked so spray guns cannot run without the extract. Spill kit in the mixing room. No hot work within the welding bay screens while the booth door is open.
Remaining gaps and specialist work needed	Mixing room light fitting is not marked for a hazardous area. Specialist check needed.

Substance or scenario 2: Waste solvent and paint rags, 205 litre drum and metal bin in the external store

Substance, quantity and storage/use location	Waste solvent and paint rags, 205 litre drum and metal bin in the external store
Current safety data sheet reference	Waste thinners SDS, NC-SDS-2026 item 14
Relevant dangerous properties and evidence	Flammable vapour. Oily rags can heat up if left in a pile.
Normal and foreseeable abnormal release scenarios	Vapour when the drum is opened. Overfilled drum. Rags left on benches.
Ignition sources and affected people	Smoking area near the store gate, vehicles parking near the store.
Elimination, substitution, prevention and mitigation measures	Drum kept closed with a flame arrester funnel. Rags in a lidded metal bin, emptied daily into the store. Smoking area moved away from the store.
Remaining gaps and specialist work needed	Smoking shelter still within sight of the store gate. Move further away.

4. Specialist decisions

Hazardous-area classification reference, author and revision	Hazardous area classification HAC-NC-01 rev 1, Rowan Process Safety, August 2026
Equipment suitability and verification references	Booth equipment check by the installer, report BI-0826. Mixing room equipment check booked with Rowan Process Safety.
Operating, maintenance and emergency procedures	Mixing room procedure MP-04, booth start-up and shut-down procedure BP-02, spill procedure SP-01. Emergency plan updated for a store fire.

Information and training arrangements	Painters briefed on the findings on 18 September. New starters get the DSEAR briefing in induction. Warning signs on the mixing room and store doors.
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5. Review

Changes that require review and how they are controlled	New products, more stock in the store, changes to the booth or extract, or new work near the store. Any change goes through the workshop manager before it starts.
Planned review date	17 Sep 2027
Reason for review timing and responsible person	Yearly, or sooner after a change or an incident. Workshop manager, M. Doyle, is responsible.

6. Actions and review

Are further actions required?	Yes
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Further action 1: Specialist check of the mixing room light fitting and replace if not suitable.

Action and evidence reference	Specialist check of the mixing room light fitting and replace if not suitable.
Person responsible	Rowan Process Safety, quote RPS-2291
Target date	15 Oct 2026
Action status	Open

Further action 2: Move the smoking shelter to the far side of the car park.

Action and evidence reference	Move the smoking shelter to the far side of the car park.
Person responsible	M. Doyle, workshop manager
Target date	10 Oct 2026
Action status	In progress
Outstanding limitations and information to pass on	Underfloor booth extract duct not inspected. Mixing room light fitting suitability not yet confirmed.
Record status	Further work needed
Reviewed by	M. Doyle, workshop manager
Review date	19 Sep 2026

Author signature

A. Lindqvist

Signing records the information entered. It does not itself certify legal compliance, remove a limitation or authorise unsafe work.