

METHOD STATEMENT

This procedure should be read in conjunction with all relevant specifications and standards for Safety, Environment, Engineering, Construction and Reinstatement. The specifications below are those of Utility Support Solutions Limited, however, the specifications of the adopting authorities shall have precedence where they differ from those indicated

Method Statement Title	Application of Road Markings and Anti Skid Sheets		
Scope	To provide a safe and efficient method for applying thermoplastic road markings and anti skid sheets. The procedure covers works in both public highway and private land.		
Procedure Reference	MS03	Issue Number	03
Issue Date	17/04/2018	Review Period	Annually
Originated By	Michael Watson	Approved By	Ian McDonald

This method statement has been developed, and must be read, in conjunction with the risk assessment manual. Particular attention should be given to the following risk assessments:

RA #6 – Signing & Guarding	
RA #26 – Manual Handling	
RA #93 – Application of Thermoplastic Road Markings	

Relevant Documentation

New Roads and Street Works Act 1991
HAUC Specification for the Reinstatement of Openings in the Highway 1992
Safety at Street Works and Road Works – A Code of Practice

Emergency Arrangement Details

 Fire/Evacuation	 First Aid	 Pollution/Spill	Other
SP08 – Emergency Preparedness & Response	HSEI01 - Emergency Information	MS04 – Spill Response	SP08 – Emergency Preparedness & Response

Personal Protective Equipment (PPE) Requirements

							
Head (EN397)	Foot (BS EN345-1)	Protective Clothing	Hi-Vis Jacket	Hand (BS EN388)	Eye (EN166)	Hearing (EN 352-1)	Dust Mask (EN149)
	✓	✓	✓	✓			

Other PPE Requirements:

Construction Dust (Note: construction dust is harmful and can lead to fatal lung diseases such as silicosis)

Will the work create dust or fumes?	Yes
Identify control measures to minimize dust/fumes:	Do not work in poorly ventilated areas
If dust cannot be avoided, identify required RPE:	

Hazardous Materials

Are hazardous materials to be used?	No
Are COSHH/DSEAR data sheets available?	Yes

Relevant COSHH Risk Assessments

COSHH #8 – Propane	
COSHH #9 – Thermoplastic Markings & Anti Skid Sheets	

Permit to Work

Identify any Permit to Work required for this activity?	None
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Description of Safe Working Method

All team leaders must have Operative qualifications under New Roads and Street Works Act for Reinstatement. All operational supervisory staff must have Supervisory qualifications under New Roads and Street Works Act for Reinstatement. Additionally, all supervisory staff will be provided with a copy of the appropriate HAUC specifications for backfilling and reinstatement in the public highway to enable the appropriate advice to be provided if required.

1. Each day all vehicles, plant, tools, materials and equipment (including lifting equipment) should be checked for safety, soundness and fitness for purpose prior to commencement of work. Under no circumstances must faulty equipment be used.
2. Ensure that the flashing beacon on the vehicles are in operation well in advance of entering the site and at all times during operations on site. Park the vehicles safely within the working space.
3. Before any work is commenced on site a Site Specific Risk Assessment should be carried out.
4. Inspect Sign, Lighting and Guarding to ensure the site is in accordance with Chapter 8 and any permit conditions. Ensure the works are safely barriered off and remain so for the duration of works.
5. An inspection of the reinstated area should be carried out to ensure that they are suitable, clean and dry for application of road markings. Sweep clean surface to be laid upon if required.
6. The selection of materials, type, colour and method of application etc should be those specified in HAUC specification for Reinstatement of Openings in Highways 1992.
7. Ensure that a suitable fire extinguisher is sited close by in case of fire.
8. Any gas connections should be tested with an appropriate leak detection solution.
9. Any gas Bottles must be secured at all times under no circumstances must gas cylinders be left unattended.
10. Check that equipment and safety devices are correctly installed and in good working condition each time before heating of the thermoplastic material.
11. Ensure sufficient quantities of markings and gas are available for the duration of the application.
12. Set up equipment in accordance with Manufacturer's instructions.
13. Lay road markings in the required position on the reinstated surface
14. Ensure equipment is fully up to temperature (consult COSHH sheet for appropriate temperature ranges) and slowly apply the tape to the surface by walking the machine across the area to be marked
15. Allow to cure before testing the markings. The ability of vehicle headlamp light reflection (i.e. retro-reflectivity), luminance, thickness and skid resistance are the most important properties for road markings.
16. Surrounding areas to be cleared and areas to be swept clean at the end of each job.
17. Before leaving site ensure that all Sign, Lighting and Guarding is compliant, and the site is left in safe condition.