



SIDEWINDER SHUTTLE METHOD STATEMENT

CONTROL STATUS:

UNCONTROLLED DOCUMENT

CHECK FOR AMENDMENT BEFORE USE

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Authorisation

Authorised By:

Control, Amendment and Re-issue

Project Method Statements are issued under either: - ‘Controlled’ or ‘Uncontrolled’ conditions:

Under ‘Controlled’ conditions the documents are given a serial number and allocated to a specific person. The recipient is automatically provided with amendments and reissues.

Under ‘Uncontrolled’ conditions the documents are issued for information purposes only and will not be subject to automatic updating.

The ‘Control Status’ of Project Method Statements will be indicated on the front cover.

Revision Record

ISSUE No.	ISSUE DATE	SECTIONS AFFECTED	PREPARED BY
1	10/01/2010	First Issue	R Haley
2	20/06/2010	Format updated	R Haley
3	14/10/2010	Various changes	R Haley

1. Scope of Work

This method statement describes the safety procedures relating to the placement of materials through our Sidewinder Shuttle for the purpose of transferring constructing materials from delivery vehicles to secondary paving and laying equipment in Central Reservations, V channels and swales, Footpaths and any other task required.

2. Management Structure

Responsible Director/Contract Manager – Richard Haley – Mobile 07734829745

Adviser to the Sidewinder UK.com Ltd – Richard Haley – Mobile 07734829745

Works Manager –

Contracts Manager –

Section Engineer –

General Foreman/ First Aider –

General Foreman –

Foreman/ First Aider –

3. Management System

Our standard Management System Procedures will apply to the contract as respectively applicable.

4. Resources: Plant/Personnel

4.1 **Plant:** Sidewinder Shuttle.

4.2 **Key Personnel*:** Sidewinder operator and banks-person

Days/Nights

Sidewinder Shuttle managing contact – Richard Haley 07734829745

Sidewinder Shuttle Instructor – Richard Haley 07734829745

Sidewinder Shuttle operator - TBA

Banks-person- To be supplied by Hirer

Site Foreman / first aider – TBC

General foreman / first aider – TBC

First aider –TBC

Contingencies: (Backup Personnel to be deployed to cover sickness/absence if necessary).

Appointed Person (emergency) -

Client Contacts

TBA

5. Records to Client

Sidewinderuk.com Ltd will provide Main contractor/Hirer with copies of plant inspection/maintenance records and copies of operator training certificates upon request requested.

6. Test Certificates/Certificates of Conformity for Materials/Components

Applicable certificates will be obtained by Main contractor and are not the responsibility SidewinderUK.com Ltd unless otherwise advised.

7.. Operatives trained by Sidewinder UK.com Ltd will be issued with a card by Sidewinder UK.com Ltd as proof of training the card will be valid for 12 months from date training was undertaken.

8. a) Method Statement –

Material deliveries will be via 16te/20te trucks supplied and loaded by Main contractor/Hirer

Material will be tipped into Sidewinder™ Shuttle which will transfer the material direct from the truck thru the Shuttle elevator tunnel and either;

- A) Directly into a paving machine positioned in close proximity behind the Shuttle
- B) On to a cross conveyor mounted to the rear of the Shuttle

The Sidewinder™ Shuttle operates in a similar manor to a standard paver in which the delivery vehicle reverses up to the front of the Shuttle tipping its load into the hopper and is pushed by the Shuttle until empty or the desired amount has been discharged.

Delivery trucks will be directed onto the Shuttle with the aid of a banks-person supplied by the hirer. It is the responsibility of the banks-person to:

- Ensure that the delivery vehicle driver understands what is required of them.
- Guide the delivery vehicle safely on to the Shuttle.
- Instruct the truck driver to tip when ready the body and to stop tipping when required to maintain but not over fill the Shuttle hopper.

The Shuttle is able to discharge material to the rear or from its right or left allowing any laying operation to proceed with the flow of traffic or site requirements.

Once in operation the Shuttle will progress in a continuous linear process conveying material to the receiving plant or open excavation at a speed to suit.

In instances were secondary plant is being fed by the Shuttle the secondary plant must also have a banks-person in Communication with the Shuttle and secondary plant operators.

9. Health Safety & Welfare; Environmental Issues

- 9.1 Site Health Safety & Welfare facilities to be provided by Main contractor/Hirer In the event of an emergency the Main contractor/Hirer's General Emergency Procedure will be adhered to (Please attach relevant documents)
- 9.2 The sidewinder™ Shuttle is to be cleaned out on-site. Any material deposits created during the course of the works is the responsibility of the Main contractor/Hirer.
- 9.2 Risk Assessments:-
- 9.2.1 RAS 1 - All Activities - General Site Conditions
 - 9.2.2 RAS 2 - Personal Protective Equipment (PPE)
 - 9.2.3 RAS 3 - Fire Prevention And Control
 - 9.2.5 RAS 5 - Electricity
 - 9.2.6 RAS 6 - Overhead cables
 - 9.2.7 RAS 7 - Underground Services
 - 9.2.9 RAS 9 - Access /Egress/Vehicle movements
 - 9.2.10 RAS 10 N/A
 - 9.2.12 RAS 12 N/A
 - 9.2.13 RAS 13 - Working At Night
 - 9.2.21 RAS 21 Aggregate deliveries
 - 9.2.25 RAS 25 N/A
- 9.3 Environmental Aspects: (Please attach as required)
- 9.3.1 Noise/vibration – The Shuttle operates and around 80db and is noisiest at the rear of the machine were the engine is situated. Any personnel working in close proximity should be made aware of the noise levels and provided with suitable ear defenders. Equipment should always be turned off when not in use or as often as is practical.
- 9.3.2 N/A
- 9.3.3 N/A
- 9.3.4 Fuel or Oil Spillage/Leakage: - Take care when refuelling/topping up to avoid spillages. Refuelling is the responsibility of Main contractor/Hirer. Any fuel or oil containers should be stored on drip trays or in vehicles. Spill kits should be available at all times and deployed in the event of any spillage/leakage. Take care that fuel or oil does not enter drainage systems or watercourses.
- 9.3.4 N/A
- 9.3.5 N/A

10. PPE

Minimum PPE requirements are: -

Long sleeved hi-viz jacket and trousers to class 3

Safety footwear

Hard Hat

Safety glasses to be worn in accordance with Main Contractor/Hirer's requirement

Gloves to be worn accordance with Main Contractor/Hirer's requirement

Ear protection to EN 352 with a single number rating (SNR) of 30 to be worn if noise levels are over 85db.

11. Briefing Arrangements

Prior to commencing on site, all Sidewinder Shuttle crew should receive a briefing that will cover: - This method statement, Main contractor/Hirer site rules, location of Site Health Safety & Welfare facilities, Sidewinder™ risk assessments. To include main contractor/Hirer daily briefing - all personnel to sign a briefing sheet to confirm they have received and understand the relevant briefings.

12. Site Induction

- 12.1.1 All personnel are to attend the Main contractor/Hirer site induction prior to arrival on site.
- 12.1.2 This is to include delivery drivers.
- 12.1.3 Weil's disease cards to be issued if required and precautions explained.

13. Separation and segregation of plant and pedestrians

- 13.1.1 Separation of haul road and work area to be demarked by cones all operatives to keep with in coned area.
- 13.1.2 Signage will be provided and erected by Main contractor/Hirer.
- 13.1.2 All segregation of workforce from haul route users is the responsibility of Main contractor/Hirer.

14. Night Time working

- 14.1 Special care should be taken when working at night and should only be undertaken on rare occasions after a full assessment of the risks have been carried out by the Main contractor/Hirer. Should night working be required, the following will be adhered to:
 - 14.1.1 All delivery drivers should be issued delivery route instructions outlining access and egress points
 - 14.1.2 All delivery drivers and support crew will be given instruction as to what is required of them and should be briefed on the operation of the Shuttle and associated plant.

15. Adverse Weather conditions

- 15.1 Any adverse weather condition which affects the safe access of vehicles entering and exiting the traffic management areas will be advised by Main Contractor/Hirer Traffic Safety Officer that it is no longer permissible for vehicles to do so.

16. Traffic Management

- 16.1 All traffic management to be provided by Main Contractor/Hirer
- 16.1.2 Only traffic management operatives are to alter or move cones that affect the public.
- 16.1.3 If traffic management issues arise, traffic management and Main Contractor/Hirer will be contacted.
- 16.1.4 At no times shall any vehicle or any delivery vehicles park or stop within an access/egress point or safety zone.
- 16.1.4 All vehicles coming onto site must comply with Chapter 8 or Main Contractor/Hirer site rules.

Appendix A Risk Assessments

Risk Assessment Sheet 9

SITE: -
ACTIVITY: - Access/Egress/Vehicle Movements

HAZARDS: -

1. Personnel being struck by vehicle
2. Vehicle reversing into other vehicles or equipment
3. Road traffic incident
4. -
5. -

HAZARD	GROUPS AT RISK: -
1	A: - Employees; - B: - Other Workers/Visitors (If Applicable); C: - Vehicles, Equipment and Materials
2	A: - Employees; - B: - Other Workers/Visitors (If Applicable); C: - Vehicles, Equipment and Materials
3	A: - Employees; - B: - Other Workers/Visitors (If Applicable); C: - Vehicles, Equipment and Materials
4	None
5	None

HAZARD/ GROUP	CONTROLS: - (WHERE APPLICABLE, REFER HERE TO CONTROLS DEFINED ELSEWHERE)	RISK*:-			ACTION?***	
		HIGH	MED	LOW	YES	NO
1A 1B 1C	Segregate working area from haul route where practicable. Site speed limit to be used.			✓		✓
	High Visibility clothing to be worn. Vehicles to slowdown when passing other plant as may step out from the blind side. Vehicles to have double flashing beacon to increase visibility to site operatives. When passing excavators wait until operator aware and has waved you on.					
2A 2B 2C	Banks-man to watch reversing HGV's. HGV's to be fitted with reversing warning devices.		✓			✓
3A 3B 3C	Vehicles are to be liveried to chapter 8 ie chevrons 150mm wide, highway (or motorway) maintenance sticker and double flashing beacon.			✓		✓
	Only use an access to enter the works and an exit for egress. Prior to setting off for site know which access is required. On the approach turn on the flashing beacon and slow down, do not stop in flowing traffic. Ensure that the access is clear of plant, materials and operatives, if obstructed abort the attempt to enter and go around the block and try again.					
	When leaving the site wait until there is a clear gap in the traffic and then accelerate to merge with the public traffic. Once merged switch off the flashing beacon. HGV's to move to the					
	During periods of adverse weather the site may be shut down, under these circumstances the site is not to be entered.					

*REMAINING RISK (HAVING PROVIDED THE CONTROLS/TAKEN THE PRECAUTIONS ABOVE)
 **IS ANY FURTHER ACTION NECESSARY; IF YES, STATE ADDITIONAL MEASURES (Continue overleaf if necessary)

