

		Reviews			
Task/Operation:	Snow Warden duties – clearing snow/ice and gritting.	Next review needed	Date actually reviewed	Changes needed? (Yes/No)	Assessor initials
Group(s) affected:	Snow Warden, Members of Public (MOP), Highway Users.				
Person(s) undertaking assessment:					
Employee(s) consulted:					
Union Safety Rep(s) consulted:					
Date of assessment:					
<p><b>General:</b>            Snow Wardens to have attended the DCC Snow Warden training course (<u>face to face or virtual training</u>) or to have received cascade training from a volunteer who has attended the training.            10 g/m<sup>2</sup> is the recommended spread rate of salt. 40 g/m<sup>2</sup> for packed snow/ice.            A plan of the footways and carriageways that Snow Wardens will attempt to treat is to be submitted to DCC for approval at the following e-mail address: <a href="mailto:Snow.Mailbox@derbyshire.gov.uk">Snow.Mailbox@derbyshire.gov.uk</a>.</p>					

Key: SW = Snow Warden; PC = Parish Council; DCC = Derbyshire County Council; VG = Volunteer Group.

Hazard	Resultant effect(s)	Before control			State control measures to be put in place <u>and by whom</u>	After control		
		L	S	R		L	S	R
Slips	Injury to Snow Warden, Injury to MOP	2	2	4	*Wear suitable sturdy footwear with good grip (SW/VG). *Clear 2-3 metres of snow and then apply salt. Do not clear long stretches without applying salt to the cleared area (SW/VG). *Pay special attention to steps and steep footways (SW). *Endeavour to remove snow as soon as possible after fall, before it is compacted by foot traffic and made more difficult to remove (SW/VG).	1	2	2
Trips & Falls	Injury to Snow Warden. Injury to MOP.	2	2	4	*Be familiar with the area you are going to clear in advance of snow conditions. Take note of any potential hazards that may become hidden when snow is on the ground (SW/VG). *Ensure work equipment not in use does not become a trip hazard (SW/VG). *Work during daylight hours or in well-lit areas (SW/VG). *Have a torch available if work is necessary during hours of darkness (SW/VG).	1	2	2

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		L	S	R		L	S	R
Weather / Cold	Effects of cold, Discomfort, Hypothermia,	2	2	4	*Wear suitable clothing to keep warm (better to layer-up) (SW/VG). *Have regular warm drinks – (take a flask or make alternative arrangements) (SW/VG). *Do not carry out the task in extreme conditions (SW/VG).	1	2	2
Vehicular traffic when clearing/treating footway	Struck by moving vehicle Injury, Death	2	3	6	*Work from footway where possible (SW/VG). *Wear upper body hi-vis clothing (SW/VG). *Be alert to abnormal traffic behaviour (SW/VG). *Stand back and watch traffic past if traffic is passing in close proximity (SW/VG). *Face on-coming traffic where possible (SW/VG).	1	3	3
Vehicular traffic when clearing/treating carriageway.	Struck by moving vehicle Injury, Death	3	3	9	*Consider use of DCC approved Winter Maintenance Contractor before attempting to clear the carriageway of snow. *Where it can only be done manually, only clear/treat the carriageway in hours of daylight. (SW/VG) *Wear long sleeved upper body hi-vis clothing that meets BS EN417 Class 3	2	3	6

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		L	S	R		L	S	R
					<ul style="list-style-type: none"> <li>– it must be fastened and relatively clean (SW/VG).</li> <li>*When clearing snow from the carriageway, plan to clear short sections at a time, and place approved 'Road Closed' signs either end of the section to be treated, ensuring that each sign is visible from at least 50m in advance (SW/VG)</li> <li>*Be alert to abnormal traffic behaviour (SW/VG).</li> <li>*Face on-coming traffic (SW/VG).</li> </ul>			
Spreading salt by hand.	Manual handling injury.	2	2	4	<ul style="list-style-type: none"> <li>*Salt provided in 25kg bags (DCC/PC).</li> <li>*Consider use of manual salt spreader to grit areas (SW/VG)</li> <li>*Where this is not possible, practice good manual handling techniques – consider 2 person lift (SW/VG).</li> <li>*Don't move snow twice (SW/VG).</li> <li>*Move snow the shortest distance possible (SW/VG).</li> <li>*SW/VG to maintain good posture:  A. Use your leg muscles as much as possible - push snow when you can and use your legs to lift when you can't push it.</li> </ul>	1	2	2

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		L	S	R		L	S	R
					<p>B. Keep your back straight as you move from the squat position to the upright position.</p> <p>C. Use your shoulder muscles as much as possible.</p> <p>D. Hold the snow shovel as close to your upper body as possible.</p> <p>E. Keep one hand close to the shovel blade for better leverage.</p> <p>F. Don't twist your upper body as you throw snow.</p> <p>*Use handling aids to assist where necessary e.g. wheelbarrow / sledge (PC/SW/VG).</p> <p>*Before it snows, store salt bags in strategic locations near where they will be used (PC/SW/VG).</p> <p>*Only carry out the task if you are capable of doing so and have signed the 'Fit to Participate' form (SW/VG).</p>			
Lone Working on footway to clear snow/ice and grit with rock salt.	No assistance in the event of emergency.	2	3	6	<p>*Avoid lone working where possible (SW/VG).</p> <p>*Let someone (nominated contact) know where you are working and what time you will be back (SW/VG).</p> <p>*Carry a mobile phone (fully charged)</p>	1	3	3

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		L	S	R		L	S	R
					and communicate with nominated contact at least once every hour (SW/VG).			
Lone working on carriageway to clear snow/ice and grit with rock salt.	No assistance in the event of an emergency; road traffic collision.	3	3	9	No lone working on carriageway. Minimum of two persons to carry out activity within visibility of each other.	1	3	3
Contact with Salt (Chemical / physical)  (Not classified as dangerous for supply or use)	Drying effect on skin, irritation of skin and open wounds/scratches	1	2	2	*Avoid contact with skin and eyes (SW/VG). *Keep off vegetation and prevent entering watercourse (SW/VG). * <b>First aid</b> - Wash skin with water and for Eye Contact: Irrigate with clean water for at least 10 minutes. If symptoms develop, obtain medical attention (SW/VG).	1	1	1
Physical exertion	Exhaustion, Injury,	2	3	6	*Work within your own capabilities (SW/VG). *Be mindful of your limitations (SW/VG). *Take frequent rest breaks (SW/VG).	1	3	3