

B.C. MINISTRY OF TRANSPORTATION
SA28 – LOCAL AREA SPECIFICATION #4
COMPACT SNOW ROAD MAINTENANCE

1. OBJECTIVE

To facilitate the safe and efficient movement of traffic on Highways designated by the Province as compact snow roads.

2. GENERAL PERFORMANCE SPECIFICATIONS

2.1 Routine Maintenance Services

All services for this Maintenance Specification are Routine.

The following roads must be maintained in accordance with this Local Area Specification:

- a) all gravel Highways;
- b) all of Highway #37 within the service area; and
- c) the Atlin Highway.

2.2 Quantified Maintenance Services

Not applicable to this Local Area Specification.

3. DETAILED PERFORMANCE SPECIFICATIONS

3.1 Routine Maintenance Services

The Contractor must:

- a) roughen compact snow road surfaces when smooth polished surfaces are unsafe or have the potential to become unsafe for Highway Users;
- b) perform Highway snow removal on compact snow roads in accordance with the Maintenance Specification for *Highway Snow Removal*; and
- c) apply Winter Abrasive on compact snow roads in accordance with the Maintenance Specification for *Winter Abrasive and Chemical Snow and Ice Control*.

3.1.1 Performance Time Frames

The following table establishes the maximum time from the time the deficiency was detected by or reported to the Contractor, within which the Contractor must complete repair of the following deficiencies:

Compact Snow Road Deficiency		Highway Classification			
		A	B	C	D
a)	thickness of the compact surface greater than 40 mm	2 d	2 d	2 d	2 d
b)	Pot-hole (averaging more than 1 per 25 metres of road) exceeding 30 mm depth	24 h	24 h	2 d	7 d
c)	Rutting in excess of 25 mm	7 d	7 d	7 d	7 d
d)	smooth, polished compact surface not able to effectively retain Winter Abrasive application or provide traction	24 h	24 h	2 d	7 d

Legend

h - hours

d – days

3.2 Quantified Maintenance Services

Not applicable to this Local Area Specification.

3.2.1 Performance Time Frames

Not applicable to this Local Area Specification.

3.3 Materials

The Contractor must use materials in accordance with the maximum allowable particle size for Winter Abrasives and the mean Gradation limits when tested according to ASTM Designations C136 and C117, and as shown on the following table:

(i) maximum particle size	16 mm
(ii) metric screen size	
19 mm	N/A
16 mm	100
12.5 mm	N/A
9.5 mm	80-100
4.75 mm	50-95
2.36 mm	30-80
0-0.600 mm	10-50
0-0.300 mm	0-25
0-0.075 mm	0-6

Note: The figures shown in the above table represent the percent of material which passes through that particular screen size.

4. WARRANTY

Not applicable to this Local Area Specification.