SCHEDULE "12"

Equipment Fleet Operations Policy

MINISTRY OF TRANSPORTATION EQUIPMENT FLEET OPERATIONS POLICY FOR MINISTRY AND MAINTENANCE CONTRACTOR VEHICLES AND EQUIPMENT

The following are the **minimum standards** for the operation of ministry and maintenance contractors' equipment fleets. This policy applies to vehicles and equipment licensed for operation on Provincial Highways including **all Ministry-owned or leased and contractor-owned or leased equipment**.

DEFINITIONS

- (a) Contractor Operational Vehicles: Vehicles used in the performance or inspection of activities related to maintenance of the highway system; includes vehicles used to transport workers to the work site
- **(b) High Conspicuity Lighting**: Technically improved lighting for severe visibility environment approved by the Ministry
- (c) High Visibility Markings: Light reflective surfaces or striping
- (d) **Highways:** As defined in Article 1 of this Maintenance Agreement
- (e) Ministry Operational Vehicles: Vehicles used in the performance or inspection of activities related to the design, construction, rehabilitation and maintenance of the highway system including vehicles used to transport workers to the work site
- (f) Non-Operational Vehicles: Vehicles used for going from point A to point B without stopping on the road or on the side of the road to perform or inspect work or to transport workers to the work site
- (g) Performing or Inspecting Work: Performance or inspection of activities related to the design, construction, rehabilitation or maintenance of the highway system

GUIDING PRINCIPLES:

- 1. All Operational Vehicles and Equipment used to perform work on provincial Highways shall be at least 80% yellow.
- Equipment lighting shall conform to Division 4 of the Motor Vehicle Act Regulations (B.C. Reg. 26/58).

POLICY:

- 1. .
 - (a) All Contractor Operational Vehicles and Equipment shall be painted at least 80% yellow (Sherwin-Williams # 36889-67) or if no longer available, a similar colour as selected by the Ministry; outfitted with a fixed amber rotating or strobe light as outlined in Section 3 below; and must be clearly identified as a maintenance contractor vehicle (See Appendix C to this Schedule).
 - (b) Contractors' employees shall not use personal vehicles on mileage to Perform or Inspect Work, unless the vehicles are painted yellow and are outfitted with a magnetic-mount amber rotating or strobe light as outlined in Section 3.
- 2.
- (a) All Ministry Operational Vehicles and Equipment shall be painted at least 80% yellow (Sherwin-Williams # 36889-67) or if no longer available, a similar colour as selected by the Ministry; outfitted with a fixed amber rotating or strobe light as outlined in Section 3 below; and must be clearly identified as a ministry vehicle (See Appendix C to this Schedule).
- (b) Ministry staff Performing or Inspecting Work using their personal vehicles (i.e., on mileage) shall use a temporary magnetic-mount amber rotating or strobe light (light output must meet criteria outlined in Section 3 below). Should the operator request a permanently mounted light, the Ministry will provide and install one at no cost to the operator.
- 3. All fixed amber rotating or strobe lights shall meet the following criteria:
 - (a) 360° visibility;
 - (b) be visible under all operating conditions;
 - (c) have light intensity sufficient to warn motorists of the vehicle or equipment's presence under variable operating conditions;
 - (d) high intensity lamps must be utilized during daylight hours;
 - (e) be dimmable for night work; and
 - (f) have light duration of at least 30% of the on/off cycle.

Technically improved lighting, tested and approved by the Ministry may be used, provided the standards outlined in this policy are not altered in a way that would affect public or operator safety.

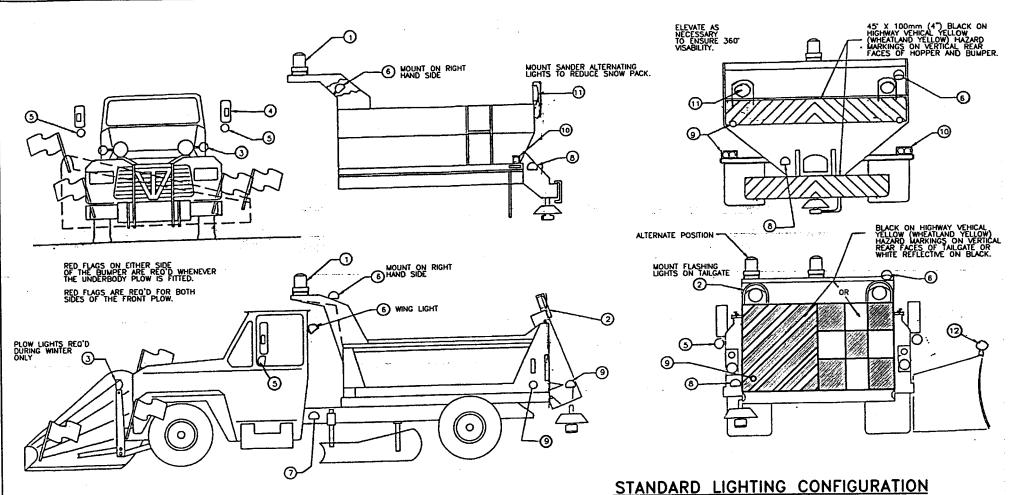
- 4. All Equipment (contractor and ministry) which restricts traffic flow (e.g. sanding/clearing trucks, sweeping trucks, graders) must display High Visibility Markings and High Conspicuity Lighting (See Appendices A and B). Lighting used to warn traffic of over width projections must have light intensity sufficient to warn motorists under all variable operating conditions.
- 5. Non-Operational Vehicles (contractor and ministry) are exempt from this policy.

The following are the **minimum standards** for the operation of **sub-contracted/hired/rented equipment** provided the equipment is not operating on a regular basis, i.e., 180 days or more a year. Equipment operating 180 days or more a year shall comply with the standards for Ministry or Contractor owned equipment.

Sub-contracted/hired/rented equipment:

- 1. is exempt from the colour requirements outlined in this policy;
- 2. shall comply with the Traffic Control Manual for Work on Roadways;
- 3. shall display a temporary magnetic-mount amber rotating or strobe light provided the light output is not diminished from the above noted standards;
- 4. equipment used for winter maintenance activities shall display High Visibility Markings and High Conspicuity Lighting (See Appendices A and B to this Schedule).

APPENDIX A



ITEM	DESCRIPTION	QTY			
1	WARNING LIGHT, ROTATING AMBER OR STROBE				
2	TAILGATE WARNING LIGHTS, FLASHING AMBER	2			
3	SNOWPLOW LICHTS C/W TURN SIGNALS	2			
4	MIRROR SIDE CLEARANCE LIGHT, MIRROR HEAD	2	OPTIONAL		
5	BACK-UP LIGHTS, WHITE #4415 SEAL BEAM	2			
6	WING/DUMP/HOPPER BOX LIGHT, AMBER ONLY	1	OPTIONAL		
7	UNDERBODY PLOW LIGHT, AMBER ONLY	1	OPTIONAL		
. 8	SANDER SPINNER LIGHT, AMBER ONLY	1.1	OPTIONAL		
9	REFLECTOR, RED	4			
10	TAIL/STOP/TURN LIGHT SYSTEM (4 LAMP SYSTEM)	4			
11	HOPPER REAR FLASHING AMBER (AS IN ITEM #2)	2			
12	WING ELASHING AMPED OR STRORF	.1 1 1			

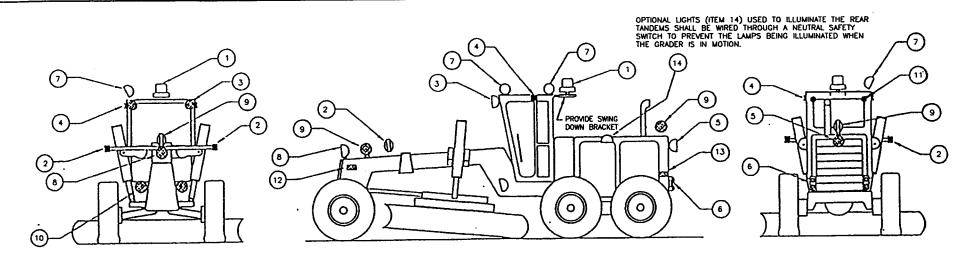
NOTE: ALL LAMPS TO MEET OR EXCEED MINISTRY OF TRANSPORTATION AND HIGHWAYS SPECIFICATIONS.

STANDARD LIGHTING CONFIGURATION FOR SANDING/CLEARING TRUCKS

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.			SAFETY LIGHTING STANDARD				
		PREPARET BY	MEC CHAME HOLD		ACCEPTED FOR CONSTRUCTION		
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APPENDIX B



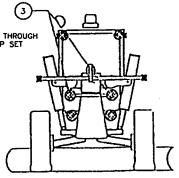
STANDARD LIGHTING CONFIGURATION FOR GRADERS

DRIVE LIGHT (ITEM #8) TO OPERATE WHEN HIGH BEAM IS USED ON HEAD LIGHTS (ITEM #3).

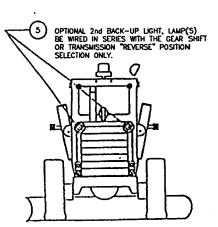
INTERSECTION LIGHTS (ITEM #9) AND REAR AMBER WARNING (ITEM #11) TO BE CONTROLLED BY SEPERATE SWITCHES.

TURN SIGNALS TO FUNCTION AS 4-WAY FLASH HAZARD WARNING LIGHTS.

OPTIONAL 2nd HEADLAMP SET SHALL BE WIRED THROUGH SWITCH TO PREVENT MORE THAN ONE HEADLAMP SET FROM BEING ON AT ONE TIME



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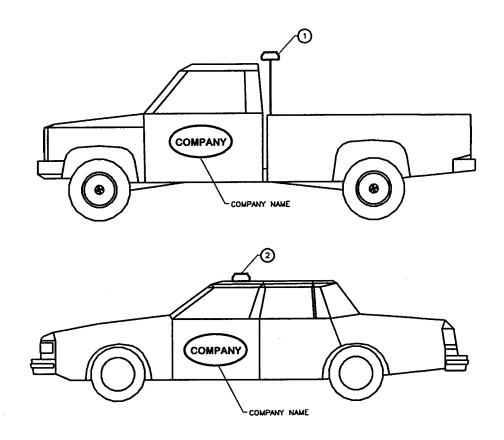


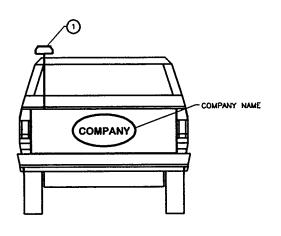
OPTIONAL HEADLAMP & BACK-UP LIGHTING

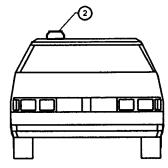
ITEM DESCRIPTION WARNING LIGHT, ROTATING AMBER OR STROBE TURNING SIGNAL, SIDE MARKER HEAD LIGHTS CLEARANCE LIGHTS, SIDE MARKER BACK-UP LAMP TAIL/STOP/TURN SIDE MARKER WING LIGHTS DRIVING LIGHTS INTERSECTION LIGHTS BLADE LIGHTS 10 11 REAR AMBER WARNING FRONT REFLECTOR, AMBER REAR REFLECTOR, RED REAR TANDEM LIGHTS OPTIONAL

NOTE: ALL LAMPS TO MEET OR EXCEED MINISTRY OF TRANSPORTATION AND HIGHWAYS SPECIFICATIONS.

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STANDARD LIGHTING CONFIGURATION FOR LIGHT VEHICALS

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