
**AMENDMENTS TO OPSS 501 (FEB 96) –
CONSTRUCTION SPECIFICATION FOR COMPACTING ¹**

OPSS 501.07.02 is superseded by:

Before compacting, the fill materials shall be brought to a moisture content within three (3) percentage points of the optimum moisture content as specified in OPSS 501.

When the moisture content of the material is too low, water shall be added by means of pressure distributors or other equipment and thoroughly mixed into the soil by discing, harrowing, blading, or may be omitted for coarse sand and gravel soils.

When the moisture content of the material is too high, dry material may be thoroughly mixed with the wet material or the wet material may be dried to the required moisture content by discing, harrowing, blading, or by other approved means.

In addition to the above requirements regarding moisture content, the following requirements shall be as specified in OPSS 501:

- (1) The maximum dry unit weight shall not be less than 1500 kg/m³.
- (2) The Liquid Limit shall not exceed 65.
- (3) Where the Liquid Limit has a value between 41 and 65, the Plasticity Index shall not be less than 6/10 of the Liquid Limit, minus 9; $(P.I. \geq (0.6 \times L.L.) - 9.0)$

OPSS 501.07.03 is superseded by:

Soil which satisfies the above requirements and which contains moisture within the specified limits shall be compacted, using equipment approved by the Commissioner, to the densities given in Table A, as determined by the use of Method 'A' as outlined in OPSS 501.08.02.

1. All references to OPS specifications that have been amended (as noted in LIST T3) are superseded by references to the replacement City of Toronto specifications (as given in LIST T3).

TABLE A

Minimum Field Compaction Requirements
(Percent of Laboratory Maximum Dry Weight)

Maximum Laboratory Dry Weight (kg/m ³)	Fills 3 m or Less in Height	Fills Exceeding 3 m in Height
1500-1600	100	100
1601-1760	95	100
1761 or more	95	95
