

SECTION 486

INSTALLATION OF ASPHALT GUTTER

INDEX

- 486.01 SCOPE**
- 486.02 MATERIALS**
- 486.03 EQUIPMENT**
- 486.04 CONSTRUCTION**
- 486.05 MEASUREMENT FOR PAYMENT**
- 486.06 BASIS OF PAYMENT**

486.01 SCOPE

This specification covers the requirements for the installation of asphalt gutter. See Form 1273.

486.02 MATERIALS

Material for use in constructing the asphalt gutter shall be comprised of hot asphaltic mix conforming to the requirements for surface course, as set forth in Section 330, 332 and 333, as appropriate.

Where required, tack coat shall be used to prepare the existing underlying asphalt or adjoining asphalt. The asphalt gutter shall be finished with tack coat. Tack coat shall conform to the requirements stipulated in Section 320.

486.03 EQUIPMENT

The hand operated roller for compacting shall weigh not less than 135 kilograms.

The asphalt paver shall be supplied with a template capable of being attached to the paver so that the required cross section is provided or as required by the Owner's Representative.

486.04 CONSTRUCTION

The gutter shall have the section as shown in Form 1273, or as required by the Owner's Representative. The gutter shall be constructed to the lines required by the Owner's Representative.

Should Selected Granular Base Course Class "A", not be present where it is required to place asphalt gutter, then Excavation for Foundations operations shall be carried out to facilitate the placing of Class "A". The Class "A" shall be placed to the required lines and contoured to the required section. Hand work may be required to obtain the required section and smooth lines.

The Class "A" shall be compacted using the hand operated roller. However, in areas that cannot be reached by the roller, the compaction shall be carried out with hand tampers.

Asphalt shall not be placed until the Class "A" has been contoured to the required smooth lines and section, and compacted to at least 95% of Standard Proctor Density ASTM-D698.

The asphaltic mix shall be placed to the required smooth lines, thickness and width with the use of a mold to attain the required gutter shape. The asphalt gutter shall be constructed using the approved asphalt paver and template. The asphaltic mix shall be placed to the dimensions after compaction, as shown on Form 1273, or as required by the Owner's Representative.

The asphaltic gutter shall be constructed to the lines required by the Owner's Representative.

Asphaltic mix shall not be placed unless the surface is dry and the air temperature is at least 7 degrees Celsius.

The asphalt gutter shall be compacted using the hand operated roller. However, in areas that cannot be reached by the roller, the compaction shall be carried out with hot hand tampers.

The surface of the asphalt gutter after compaction shall be of uniform texture, smooth and true to the required lines and section. The finished surface shall be free from depressions exceeding 3 millimetres as measured from the bottom edge of a 3 metre straight edge placed anywhere along the surface of the gutter parallel to the edge. After the compacted asphalt gutter has cooled to ambient temperature, the Contractor shall spray the exposed

surface with tack coat. The tack coat shall be applied before the surface becomes contaminated by any material which would prevent bond.

486.05 MEASUREMENT FOR PAYMENT

Measurement for payment will be by the length and width as constructed to the satisfaction of the Owner's Representative, and such measurements will be computed into square metres, rounded to one decimal place.

486.06 BASIS OF PAYMENT

Payment at the contract price for installation of asphalt gutter shall be compensation in full for all labour, materials and use of equipment: to carry out such hand work as is required to place and contour the underlying Class "A" to the required smooth lines and section, to compact the Class "A", to construct the gutter to the required lines and section, to compact the gutter, to supply tack coat for finishing, and to finish the curb with tack coat.

The Contractor shall allow for in their price all costs associated with any hand work required to carry-out the work as described in this specification.

However, payment for the actual supply of the surface course hot mix, and the Selected Granular Base Course Granular "A", shall be in accordance with the provisions of Section 330, 332, 333, as appropriate, as well as Section 315.