

## FORM 525



GOVERNMENT OF NEWFOUNDLAND AND LABRADOR  
Department of Transportation and Works  
Highway Design Division

### SECTION 525

#### CUTTING PREVIOUSLY INSTALLED CORRUGATED STEEL PIPE

##### INDEX

##### 525.01 SCOPE

##### 525.02 MATERIALS

##### 525.03 OPERATIONS

##### 525.04 MEASUREMENT FOR PAYMENT

##### 525.05 BASIS OF PAYMENT

##### 525.01 SCOPE

This specification deals with the work of cutting a previously installed corrugated steel pipe which was placed as part of another contract. This section does not apply to cutting new corrugated steel pipe culverts, perforated pipe or storm sewers which are to be installed in this contract. Cutting new corrugated steel pipe is not a pay item, but is included in payment as part of Section 421 "Supply and Installation of Pipe Culverts" and Section 420 "Supply and Installation of Pipe for Storm Sewers and Perforated Pipe for Sub-Drains".

##### 525.02 MATERIALS

Metal conditioner and cold galvanizing compound shall meet Canadian Government Specifications 1-GP-181A. The cold galvanizing compound shall be of a type that imparts cathodic actions against corrosion.

##### 525.03 OPERATIONS

At the point designated by the Engineer, the Contractor shall sever the pipe by making a neat cut perpendicular to the axis of the pipe. All soil and dirt sticking to the pipe near the cut shall be thoroughly brushed off using a wire brush.

The clean surface shall receive at least one application of metal conditioner to de-oxidize, de-grease, and phosphatise the metal surface. Pre-mixed ready-to-apply, liquid zinc compound shall be applied to the prepared clean dry metal surface. The cold galvanizing compound shall be applied with an overlap of at least 50mm over the surrounding undamaged galvanized metal.

These compounds are toxic to fish and other aquatic life. Extreme care shall be taken to ensure that this material does not enter streams or ponds.

##### 525.04 MEASUREMENT FOR PAYMENT

Measurement for payment for cutting a previously installed corrugated steel pipe of the size indicated shall be by the number of complete severing cuts made to pipe of that size.

##### 525.05 BASIS FOR PAYMENT

Payment at the contract price for Cutting Previously Installed Corrugated Steel Pipe of the size stipulated shall be compensation in full for all labour, materials, and use of equipment to: sever the pipe at the point designated, clean the cut, and supply and apply metal conditioner and cold galvanized compound to the cut.