



# 8600 Thermal backfill to conduit trench

REVISED 01/03/2022

## 8600.1 Introduction

This supplementary requirement applies to the supply and installation of thermal backfill to conduit trenches, as detailed on the project Drawings.

## 8600.2 Referenced Documents

This supplementary specification shall be read in conjunction with the following:

- MRS01 *“Introduction to Specifications”*;
- MRTS01 *“Introduction to Technical Specifications”*;
- MRS04 and MRTS04 *“General Earthworks”*
- MRS91 and MRTS91 *“Conduits and Pits”*;
- Ergon Energy specifications:
  - RS07 *“UDC Civil Works Specification”*;
  - RS09 *“Tunnel Boring Specification”*;
- Ergon Energy manuals:
  - *“Queensland Public Lighting Construction Manual”*;
  - *“Underground Construction Manual”*;
- Ergon Energy project design plans; and
- the project Drawings.

## 8600.3 Description of Work Items

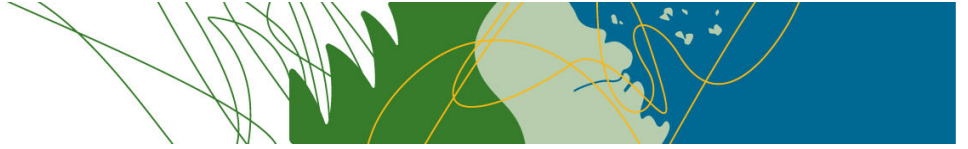
The following work items are covered by this supplementary specification:

Task Item No.	Description	Unit of Measurement
8600	Supply and place thermal backfill [thermal material] to trench of [No.] conduits, including supply and installation of conduit and polymeric protection cover & warning tape ( <i>rate additional to rates for Work Items 60001 to 60009 inclusive</i> )	m

## 8600.4 Work Operations

Work Operations incorporated in these items include:

- a) Work operations included in Clause 2.1.5 of MRS01 *“Introduction to Specifications”*;
- b) Supplying all materials, plant and equipment;
- c) Excavate conduit trench and utilising or dispose of surplus material;
- d) Foundation conformance inclusive of compaction testing and survey conformance.
- e) Preparation of conduit backfill in accordance with Ergon Energy requirements for placement of thermal backfill;



- f) Supply and installation of conduits through thermal backfill for service crossings;
- g) Placement and compaction of thermal backfill;
- h) Installation of polymeric protection cover and warning tape to the required standards;
- i) Arrange for Ergon approval to undertake the works; and
- j) Supply and installation of final backfill to finish surface level or level indicated on the project Drawings.

## **8600.5 Measurement and Payment**

The scheduled unit rate for this work item includes provision for all works specified in this Supplementary Specification with additional rates for work items 60001 to 60009 inclusive.