8214 Lean mix concrete (trench backfill)

8214.1 Introduction
This supplementary specification refers to the supply and placement of lean mix concrete as a trench backfill. This item is for work over and above any trenching, excavation and backfill requirements for the work.

8214.2 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”;
- MRS70 and MRTS70 “Concrete”; and
- the project Drawings.

8214.3 Description of Work Items
The following work items are covered by this supplementary specification:

<table>
<thead>
<tr>
<th>Task Item No.</th>
<th>Description</th>
<th>Unit of Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>8214</td>
<td>Lean mix concrete to trench backfill, [description/location]</td>
<td>m3</td>
</tr>
</tbody>
</table>

8214.4 Work Operations
Work operations incorporated in this item will include:

a) Work operations included in Clause 2.1.5 of MRS01 “Introduction to Standard Specifications”;

b) Supplying all materials;

c) Carrying out excavations, as required;

d) Utilising or disposing of surplus excavated material;

e) Compacting material at the bottom of excavations;

f) Placing and compacting concrete;

g) Placing compressible packing; and

h) Finishing and curing concrete.

8214.5 Concrete Specification
The lean mix concrete shall be in accordance with the requirements of MRTS70 and the details shown on the project Drawings. In particular, the concrete shall consist of an intimate mixture of 7 parts sand and 1 part of either Type GP or GB cement, mixed with the minimum quantity of water to obtain a moisture content which is optimum for field compaction using compacted layer techniques..
8214.6 Measurement and Payment
No separate payment will be made for the works specified in this Supplementary Specification. Provision for these works shall be deemed to be included in the scheduled unit rates for the items shown at Clause 8214.3. The calculation of these quantities shall be in accordance with Clause 2.3 of MRS70.