

**Precast**

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| Contract No: | WP/19/0031 | Contract Name: | Havant BR |
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|---------|---------------------|----------|----------|-------|--------------------|-------------|
| Doc No: | <b>GEN-TMS 1302</b> | Revision | <b>1</b> | Date: | <b>24 Oct 2018</b> | Page 1 of 4 |
|---------|---------------------|----------|----------|-------|--------------------|-------------|

|                 |                          |
|-----------------|--------------------------|
| Document Title: | <b>DYNAMIC LOAD TEST</b> |
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**1.0 Purpose and Scope**

- 1.1 The Purpose of this Method Statement is to ensure that Dynamic Load Testing is carried out in the correct manner.

**2.0 Health and Safety Controls**

- 2.1 GEN-RA 1016 – Dynamic Load Testing Risk Assessment refers.

**3.0 Environmental Controls**

- 3.1 Operation should only take place within specified working hours.
- 3.2 General waste shall be deposited into designated skips.
- 3.3 Fuel/ oil spills should be prevented. Drip trays and emergency oil spill kits should be used to catch and clean the spills/ leaks.
- 3.4 Special waste, such as oil contaminated materials, used oil spill kits, etc. shall be disposed of by a licensed carrier.
- 3.5 Vehicles shall not be run unnecessarily. Engines shall be extinguished when not in use

**4.0 Method and/or Process****4.1 Procedure**

- 4.1.1 Actively ensure a briefing is received on any safety hazards pertaining to the site. This will usually be a site induction, however this may be conducted in a different way depending on the Client. If unclear contact the Area Office. Testing is not to commence until a briefing has been received. Note on the site record sheet who has conducted the briefing.
- 4.1.2 Establish which piles are to be tested. The test piles must be chosen by the site agent or one of his representatives, if unclear contact the Area Office. Test piles must not be selected by site personnel unless specifically instructed by the Area Office. Note on the site

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|---------|---------------------|----------|----------|-------|--------------------|-------------|
| Doc No: | <b>GEN-TMS 1302</b> | Revision | <b>1</b> | Date: | <b>24 Oct 2018</b> | Page 2 of 4 |
|---------|---------------------|----------|----------|-------|--------------------|-------------|

|                 |                          |
|-----------------|--------------------------|
| Document Title: | <b>DYNAMIC LOAD TEST</b> |
|-----------------|--------------------------|

record who has selected the test piles and how this had been communicated.

- 4.1.3 Ensure pile to be tested has adequate safe working space all around the testing area, as well as suitable rig access.
- 4.1.4 Using the appropriate safety equipment, drill holes and place anchors at two diameters down from pile head. Spacing and orientation to be in accordance with drawings in GEN-SFD 0481.
- 4.1.5 Ensure mounting points are symmetrical, on opposing smooth faces and parallel to pile axis.
- 4.1.6 Attach one strain gauge and one accelerometer to each face of the pile, and then correctly attach the gauges to the test equipment.
- 4.1.7 Appropriate data records must be taken prior to test commencement, and entered both on the test record sheet and into the test equipment.
- 4.1.8 Position piling rig over the test pile ensuring the hammer is positioned to strike evenly and in line with the pile axis.
- 4.1.9 If it proves necessary a pile dolly can be used to facilitate testing, provided it is composed of the same material as the pile itself.
- 4.1.10 Having completed input of data, ensure calibration figures for each of the gauges are correct.
- 4.1.11 Set the test equipment to receive data and strike the pile using the piling rig.
- 4.1.12 Record results on the Dynamic Load Test sheet.
- 4.1.13 In the case of an anomaly in the test result the Testing Supervisor is to be informed. In the event the results obtained are below those expected the Area Office Engineer is also to be informed before leaving site. The nature of the anomaly, the person(s) informed and any further actions taken are to be recorded on the site record sheet.

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Contract No: WP/19/0031 Contract Name: Havant BR

Doc No: **GEN-TMS 1302** Revision **1** Date: **24 Oct 2018** Page 3 of 4

Document Title: **DYNAMIC LOAD TEST**

4.1.14 Remove test equipment and gauges from the test pile and position on the next pile if required.

|                 |                     |                  |              |
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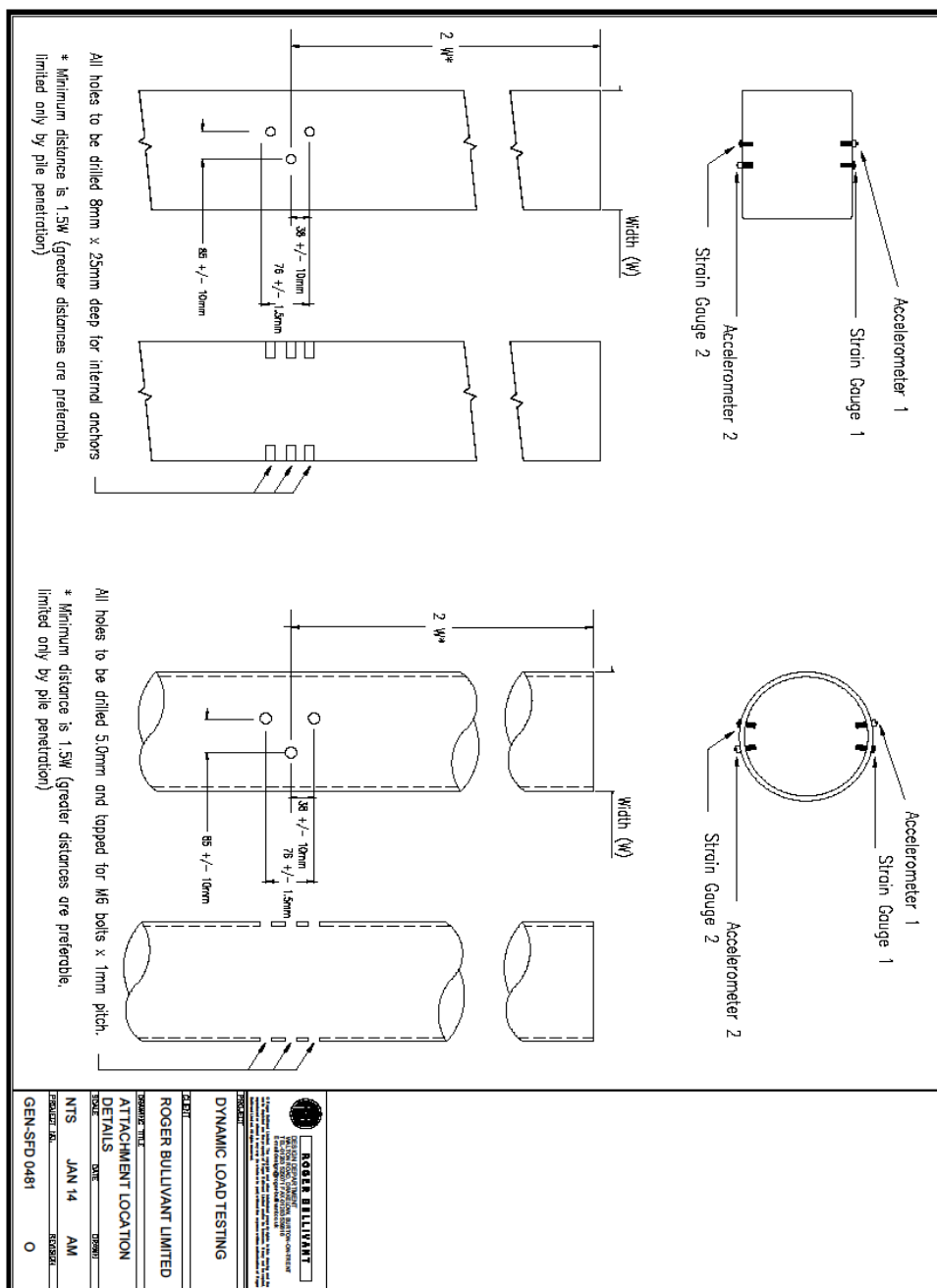


Precast

Contract No: WP/19/0031 Contract Name: Havant BR

Doc No: GEN-TMS 1302 Revision 1 Date: 24 Oct 2018 Page 4 of 4

Document Title: DYNAMIC LOAD TEST



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