

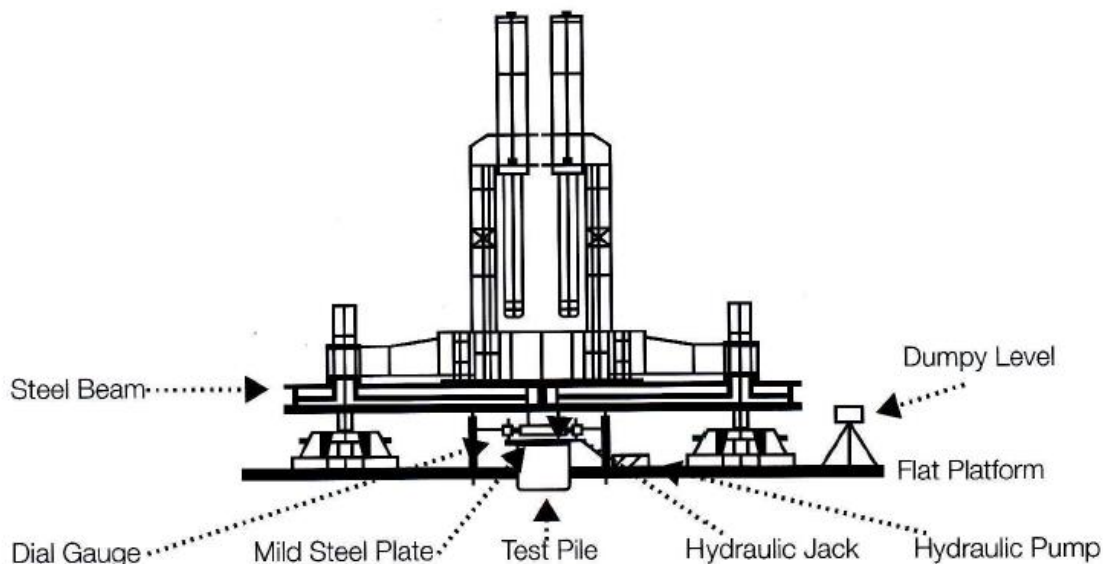
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METHOD STATEMENT FOR MAINTAINED LOAD TEST BY USING INJECTION MACHINE AS KENTLEDGE

1.0 LOAD TEST EQUIPMENT

- 1.1 Injection machine (see below drawing), steel counterweight and steel beam sections makes up the whole static load test system in which the independent hydraulic jack impose vertical force on the test pile.



2.0 METHOD OF TESTING AND LOADING

- 2.1 Prior to testing, load test equipment should be completely setting out on firm ground.
- 2.2 The hydraulic jack shall be placed directly on top of the centroid of a mild steel plate which rest directly on top of the pile.
- 2.3 The loading cycle, loading increment and the holding time are all subject to final confirmation from the Engineer.
- 2.4 Pressure conversion table, calibration certificate for pressure gauge and dial gauge shall be submitted to Engineer for approval.
- 2.5 Movement of the pile head shall be measured by 4 dial gauges. The dial gauges shall have a travel of 50 mm and graduated on 0.01 mm per division.
- 2.6 Jack in is also a piling system whereby every pile point is self tested during installation. The interpretation of result shall subject to Engineer confirmation.