



What is pre-acceptance about?

Pre-acceptance stands for preliminary acceptance; in other words, it is the acceptance of the test bench by the customer, at supplier's premises, prior to its shipment. Final acceptance will follow once the test bench is installed and commissioned at customer's site.

The pre-acceptance visit of the customer to Microplan is probably one of the most significant steps of the development process of a new test bench, because for the first time the two parties, supplier and customer, meet together in front of the finished product.



A typical pre-acceptance visit covers the following topics:

1. Configuration and main components of the test rig

- 1.1. Hydraulic unit
- 1.2. Electric unit
- 1.3. Electronics & PC
- 1.4. Operator unit

2. Introducing the software and the different tests

- 2.1. Configuration of the software
- 2.2. Main commands and functions
- 2.3. Running the single tests. This is performed differently according to the type of test bench (for production, certification, life tests etc.), to the number of test procedures the customer wants to run and to several other parameters. In the case of production test benches, time is spent to check the test procedures requested by the customer and, sometimes, to adjust their parameters. In the case of certification (Lab) test benches time is spent to perform tests according to standards and, when the customer provides certified products, checking the relevant results. The time requested by the tests, combined with the need to repeat them several times, makes this activity take most of the time of a pre-acceptance visit.

3. Using the diagnostic program

- 3.1. How to use the diagnostic program
- 3.2. Skills needed to use the diagnostic program
- 3.3. Manual operations and checks

4. Using the test rig

- 4.1. Switch on and off
- 4.2. Emergency and reset
- 4.3. Running the programs
- 4.4. Fault conditions and escape



5. Managing test results data

- 5.1. Where test results data are saved
- 5.2. Format and structure of the test data
- 5.3. Transferring data for statistical elaborations

6. Maintenance instructions and troubleshooting

- 6.1. Ordinary maintenance
- 6.2. How to contact Microplan Support
- 6.3. Maintenance plan
- 6.4. Troubleshooting
- 6.5. Spare parts list

7. Transducers calibration

- 7.1. List of transducers and accuracy
- 7.2. Calibration certificates review
- 7.3. Calibration frequency
- 7.4. How to perform a calibration
- 7.5. How to enter the calibration points

8. Installation instructions

- 8.1. Kind of packaging, size and weight
- 8.2. Installation requirements
- 8.3. How to install a test rig

9. Start-up arrangements

- 9.1. What the customer should do prior to the start-up
- 9.2. When the start-up could take place (if agreed)
- 9.3. How long the start-up will last (if agreed)

10. Pre-acceptance form signature

11. Shipment arrangements

- 11.1. Who will arrange the transportation
- 11.2. When transportation will take place
- 11.3. Size and weight of packaging
- 11.4. Unloading and handling instructions

12. Others