

It is desired that the software is capable of export the recorded data of each brake application to an external memory in the local network, immediately after the single brake application, an evaluation criterion 6 – Table number 2 in §6.

It is desired that the software enable a bench simulation, so customized programs can be written and tested on another PC, without the need to block therefore the Brake dynamometer, an evaluation criterion 7 – Table number 2 in §6

#### **IV) REQUIREMENTS FOR TEST SYSTEM DELIVERY TO BOSMAL**

Brake dynamometer must have by the documentation in the Polish or English language (two hard copies and an electronic version on CD/DVD/USB) including at least:

- schemes of all mechanical and electrical components, their connections and used code names;
- operating, service and maintenance manuals including among others: measurement procedures, calibration procedures, description of system and software components functionality. The essential part of the instructions required in the Directive 2006/42/EC on machinery safety has to be delivered with the Polish translation;
- calibration Certificates of measurement chains at least for:
  - brake fluid pressure transducer (in units of pressure [bar] or [MPa]),
  - braking torque transducer (in units of torque [Nm] or [daNm]),
  - temperatures;
- list of spare parts that BOSMAL should have on stock in order to minimize downtime in the case of the test bench failure;
- report of the test bench check at the Contractor's site;
- technical documentation necessary for the construction of tooling for new types of brakes;
- a declaration of conformity with the requirements of at least the following Safety Standards:
  - 006/42/EC – Machinery Safety;
  - 89/336/EEC and 2004/108/EC – Electromagnetic Compatibility;
  - 73/23/EEC – Low Voltage Devices.

Declaration of conformity has to be delivered together with the Polish translation.

### **§3. INSTALLATION AND ACCEPTANCE**

#### **1. Initial agreements between BOSMAL and Contractor**

At the day of signature of the contract, in BOSMAL a meeting will be organized to establish an action plan.

#### **2. Brake dynamometer layout design**

The Contractor is obligated to design, within 2 weeks after contract signature, a preliminary layout of Brake dynamometer components situation in BOSMAL facility (according to place shown in §2 on drawing number 2) to enable preparing building and installations adaptations project (air and cables ducts, power and compressed air supply, air conditioning of control and test rooms if any, etc.).

#### **3. Layout acceptance by BOSMAL**

Next, within one week BOSMAL and the Contractor agree to any changes in the layout project.