

Technical Specification

Installation conditions / preparations by the customer

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1 Installation conditions / preparations by the customer

To be able to guarantee a high-quality installation on schedule of the test equipment, installation conditions are required in consultation with the AIP project management. The following conditions must be provided by the customer at the installation site prior to the start of the installation activities:

Installation conditions

1. The access / delivery routes must be free, paved and passable by transport vehicles (truck tractor / semi-trailer up to approx. 40t, crane truck, forklift, wheel loader, etc.). There must be sufficient space for unloading a truck (semi-trailer) with truck-mounted crane and forklift, as well as appropriate turning facilities.
2. Floor loading capacity outside and inside the building: min. 10 t/m².
3. Sufficient storage space inside the building (dry and clean), as close as possible to the installation site, is required for temporary storage of components.
4. A lockable storage room for PCs, monitors, tools and other small parts must be available.
5. Accesses to the installation sites must correspond to the dimensions of the delivered components.
6. At the installation site, the building envelope must be closed (rainproof, windproof) and the installation site must be dry.
7. The minimum temperature at the installation site must not fall below +15°C.
8. A dust and dirt-free installation area must be ensured from the start of assembly throughout the installation period until final acceptance of the AIP scope of delivery.
9. No work such as welding, flexing, grinding, blasting, painting, plastering, etc. may be carried out by third parties near the installation areas and the intermediate storage areas.
10. The floor must be laid and, if necessary, hardened. If the floor covering must evaporate, the installation may only be continued after the prescribed evaporation time of the material. Chemical odors must be prevented for the installation staff.
11. Painting and varnishing work must be completed before the exhaust gas measuring system is put into operation (background contamination).

12. The installation site must not be used as a storage place for other tools, machines, building materials, etc.
13. Die Lighting in all rooms where installations take place must be provided by the customer and must function.
14. The following minimum electrical supply should be available at the installation site: Site electricity 2x 400 V/32 A and 5x 230 V/16 A.
15. Sanitary and washing facilities in the immediate vicinity of the installation site must be provided. The client shall be responsible for the daily cleaning of these facilities in accordance with the usual hygiene regulations. In particular, the regulations of the workplace directive shall apply.
16. Core drillings, wall breakthroughs and fire fireproofed bulkheads are to be provided by the customer after consultation with the responsible project manager. Insulation and fire protection must be provided by the customer in accordance with legal requirements. Cable routes must be executed by the customer in accordance with AIP specifications.
17. For the protection of persons and property, the customer shall take care of all necessary actions at the installation site. He shall also inform the installation manager of any special existing safety regulations, insofar as they are important for the installation personnel.

Media supply (as specified in the AIP media data sheet)

1. The energy supply (24h) must be ensured.
2. The compressed air connection nearby the point of use must be available and functional.
3. If water-cooled components are used, appropriate cooling water for motors, switch cabinets or heat exchangers must be available in the immediate vicinity of the point of use.
4. The fresh water connection for e.g. CVS must be appropriately available, incl. professional / environmentally friendly service water drainage.
5. The gas supply must be available and connected.
6. An exhaust air connection must be available in the immediate vicinity of the test cell

Note:

In the event of gross deviation, a delivery, assembly and installation of the systems on schedule cannot be guaranteed. As a result, the planned installation date may be postponed until all installation conditions at the installation site have been met. Any additional costs incurred due to the above-mentioned postponement shall be paid by the customer. Consequential damage to measurement technology and devices due to deviations from the above installation conditions are not paid by AIP GmbH & Co.KG. In serious cases, the warranty period may be shortened.