

FIRST FACTORY ACCEPTANCE TEST - ONLINE

For a project in England, the original plan was for the customers and our colleagues from TROX UK to come to Anholt for a Factory Acceptance Test (FAT) on 25th March 2020.

Unfortunately, this visit was unable to take place due to the coronavirus.

However, we were able to conduct the FAT in another format and we will show you how this was possible here.

FAT – VIA VIDEO CONFERENCE



The customers inspected the two X-CUBE devices (supply and extract air with heat recovery in each of the devices) via **video conference** and they viewed the devices in operation.

For the devices,

- the volume flow rates and external pressures were examined
- the electrical power consumption was recorded
- the sound power was measured at the duct connections
- and the housing leakage class was identified



MEASUREMENTS – LIVE AND IN REAL TIME



he measurements were **filmed live** in the video conference and the current measurement data from the measuring computer was captured in real time.

All the participants regarded the day as extremely successful and are very optimistic about the potential of **online FATs** to serve as an additional option beyond the coronavirus crisis and into the future.



FACTORY ACCEPTANCES AT TROX: AIR HANDLING UNITS



Our customers can visually inspect the air handling units in our Anholt production facility directly before delivery or they can request a Factory Acceptance Test (FAT) to be carried out on the basis of various performance criteria.

Examples of these performance criteria include:

- Air volume flow rate and external pressure
- Electrical power consumption
- Pressure loss of components
- Housing leakage class
- Class of filter bypass leakage
- Sound power data at the duct connections
- Flow behaviour of the condensate drip tray