

## **Service : Electrical Measurements**

### **Purpose**

Perform single measurements or series of measurements at individual devices.  
Mostly labelled or numbered in conjunction with characterisations, qualifications screenings, analysis or other test series.  
Collection and conditioning of device related measurement data.

### **Bluetest Expertise**

Bluetest has created excellent technical prerequisites:

- Measurements are performed under controlled lab conditions (humidity, temperature and cleanliness) and ESD protection
- the thermostream device allows precise test temperatures from -60 to +200 °C
- the ergonomically designed test station enables operators to perform even big test series without lack of concentration.
- the test data recording is easy and user friendly and does not draw off the attention from the measurement itself.

### **Activities**

#### **Participants**

test engineer, operator

#### **Requirements, Input**

(serialized) devices

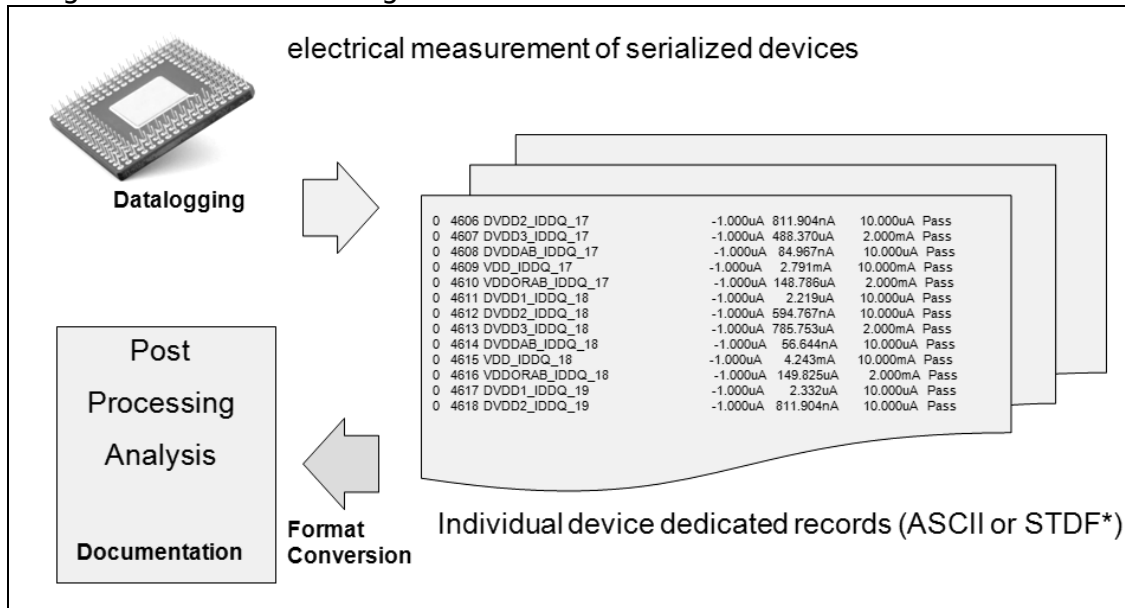
#### **Performance**

Setup of the test system follows the project specific instructions stored in the intranet based QM-System.

The basic flow of a electrical measurement is always the same for each device at each test temperature:

- set temperature of thermostream
- wait defined soak time for cooling or heating
- manual input of device identification
- start of measurement
- immediate verification of results

## Image: Test data recording



After completion of test series

- Final verification of results and data
- conditioning of test data (conversion into target format : stdf, csv, ASCII...)

### Result, Output

Test data is made available to customer. Devices ready for next treatment.

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