1. Test the content and requirements of the standard:

Test one: you can use a screwdriver to adjust the meter to zero. By visual inspection, the pointer must be aligned with the zero graduation mark. Tick marks above or below zero are considered a bad result.

Test two: After completion of the above tests, 52.5uA current is applied. By visual inspection, the pointer must be over (above) full scale marks. Align or below full scale markings are considered a bad result. Full scale mark corresponds 50uA current.

If you reach the above two requirements, I would assume that the quality of other aspects of satisfaction.

2. Objectives explanation:

My goal is not to measure the degree of precision, but a measure of how far the meter pointer to reach the location. It is important to ensure that the meter dial pointer in the whole range can be moved. Basically, I'm not too, too concerned about the accuracy of the meter, because I can adjust the PWM signal is sent to the meter. My electronic device designed to provide some additional current. If there is deviation meter pointer can not be absolutely aligned with the mark, I can weaken the signal level by software and calibration.

3. Other problems, according to their expertise factory decision:

- Whether the plant will test all (100%) of the meter?
- Or is based on statistical sampling AQT standard?
- Factory quality testing will be carried out in what other ways?