Step 1 — Create Equipment Master

Execute T-Code: IE01

Important fields:

- Equipment Category: **M** (Machine) or **Q** (Quality Instrument)
- Description: "Digital Vernier Caliper"
- Location & Work Center
- Maintenance Plant
- Assign Class Type **002 (Equipment)** for characteristics

Step 2 — Create Calibration Task List (Inspection Plan)

Execute T-Code: IP01

Purpose: Define calibration steps and measurements.

Key Fields:

- Usage: **4 (Plant Maintenance + Calibration)**
- Status: **Released**
- Assign Operations (e.g., "Check Accuracy at 10mm")
- Assign Master Inspection Characteristics (MICs)

Step 3 — Assign Task List to Equipment

Execute T-Code: IE02 → "Usage" Tab → **Assign Task List**

Link the equipment with the calibration plan.

Step 4 — Schedule Calibration

Execute T-Code: IP30

Purpose: System checks due dates and generates calibration lots.

Input:

- Scheduling Period: 30 days
- Maintenance Plan: Enter plan number

Output:

- Inspection Lot generated (e.g., **1400001234**)

Step 5 — View Inspection Lot

Execute T-Code: QA03

Important tabs:

- General data
- Inspection plan assignment
- MICs assigned
- Sample size
- Due date

Step 6 — Record Calibration Results

Execute T-Code: QE51N

Steps:

1. Enter inspection lot
2. Select MIC
3. Enter measured values
4. Save results

System calculates Pass/Fail based on values provided.

Step 7 — Usage Decision

Execute T-Code: QA11

Select:

- **Accept** (UD code: ACPT)
- **Reject** (UD code: REJT)

If rejected → Create maintenance order automatically/ manually.

Step 8 — Print Calibration Certificate

Execute T-Code: QA03 → “Print Certificate”