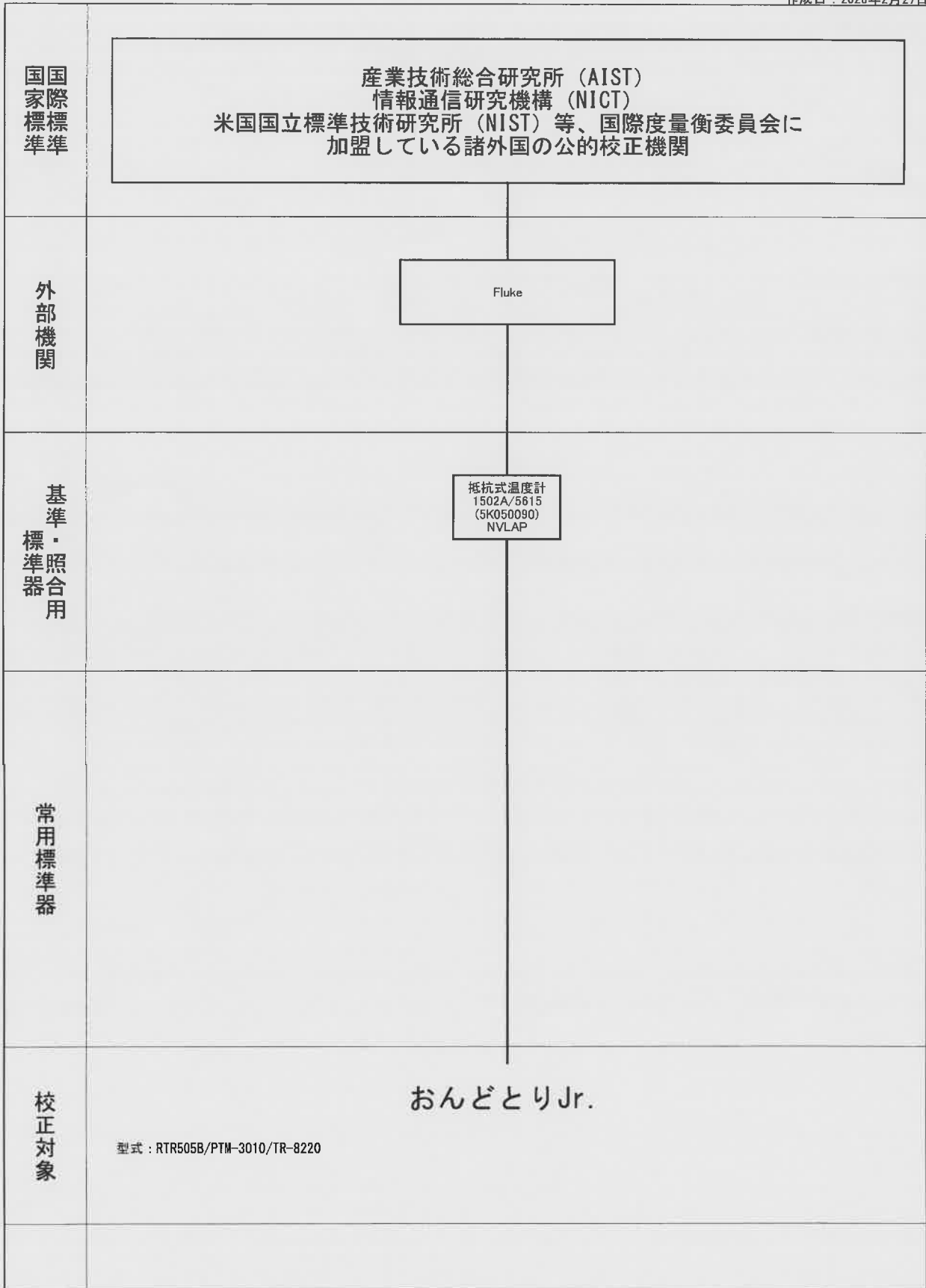




# トレーサビリティ体系図

住友電気工業株式会社  
 横浜分析計測センター  
 横浜計測グループ

管理番号: IS07N250274  
 作成日: 2026年2月27日





校正日：2026年2月27日  
型式：RTR505B/PTM-3010/TR-8220  
製造番号：52C33176/08104BF2/7668525

発行番号：S52518032  
住友電工テクノソリューションズ株式会社  
横浜分析計測センター  
横浜計測グループ



1. 機能点検

点検結果 良

2. 温度指示校正

確度：本体：±(0.3°C+読み値の0.3%) [at 入力モジュール環境温度：10~40°C]  
±(0.5°C+読み値の0.3%) [at 入力モジュール環境温度：-40~10°C, 40~80°C]

センサ：±(0.15+0.002×|t|)°C t=試験点

測定条件：入力モジュール環境温度：10~40°Cにて

試験点	基準範囲	指示値	判定
-20 °C	-20.5 °C ~ -19.5 °C	-19.9 °C	良



# Traceability System Chart

Sumitomo Electric Technical Solutions, Inc.  
 Yokohama Measurement Center  
 Yokohama Measurement Group

Reference No : T5H07N250277  
 Created Date : 27-Feb-26

<p>National Standard or International Standard</p>	<p>National Institute of Advanced Industrial Science and Technology (AIST)                  National Institute of Information and Communications Technology (NICT)                  The National Institute of Standards and Technology (NIST) and other public calibration agencies</p>	
<p>External Organizations</p>	<p>Fluke</p>	
<p>Reference Standards</p>	<p>Digital Thermometer                  1502A/5615                  (5K050090)                  NVLAP</p>	
<p>Working Standards</p>		
<p>Unit Under Test</p>	<p>Thermo Recorder                   Model No : RTR505B/PTM-3010/TR-8220</p>	

# Report Of Calibration

Reference No : S52518034

Sumitomo Electric Technical Solutions, Inc.  
Yokohama Analysis and Measurement Center  
Yokohama Measurement Group

Customer's Name : Hiroshima University

Customer's Management No : -----

Description : Thermo Recorder  
Manufacturer : T&D  
Model No : RTR505B/PTM-3010/TR-8220  
Serial No : 52C33176/08104BF2/7668525

Calibrated Date : 27-Feb-26  
Temp : 23 °C  
Status : PASSED  
Adjusted : NONE

Inspector : M. Narita  
Rel. hum : 43 %  
Control No : H074288

Approved by T. Sasaki

This document certifies that the above instrument was calibrated in accordance with Japanese Industrial Standard, which is a STS operation standard.

The standard instrument we used for calibration is traceable to official calibration organizations such as Japan Electric Meters Inspection Corporation, Japan Quality Assurance Organization, and official calibration organizations overseas which joined the national Metrological Committee, such as the National Institute of Standards and Technology.

## 【Calibration Equipment Used】

Description	Manufacturer	Trace No
Model	Serial No	Expiration Date
Digital Thermometer	HART SCIENTIFIC	5K050090
1502A/5615	A15441/833504	30-Jun-26

Calibrated Date : 27-Feb-26  
 Model No : RTR505B/PTM-3010/TR-8220  
 Serial No : 52C33176/08104BF2/7668525

Sumitomo Electric Technical Solutions, Inc.  
 Yokohama Analysis and Measurement Center  
 Yokohama Measurement Group

## 1. Functional Check

Results Pass

## 2. Temperature Instructions Test

## Accuracy

Base :  $\pm(0.3^{\circ}\text{C} + 0.3\% \text{ of rdg.})$  [at Input module ambient temperature : 10~40°C] $\pm(0.5^{\circ}\text{C} + 0.3\% \text{ of rdg.})$  [at Input module ambient temperature : -40~10°C, 40~80°C]Sensor :  $\pm(0.15^{\circ}\text{C} + 0.002 \times |t|)^{\circ}\text{C}$  t=Test point

Measuring conditions : Input module ambient temperature : 10~40°C

Test point	Limits		Indicated value	Status
-20 °C	-20.5 °C ~	-19.5 °C	-19.9 °C	Pass