



**PROTEK METROLOGY MEASUREMENTS PTE LTD**

WWW.KGLPPROTEK.COM.SG

# **BUSINESS PROFILE**

## **TESTING & CALIBRATION SALES AND PCB REPAIR SERVICES RENTAL SERVICE**

**ELECTRICAL | PRESSURE | THERMAL | TORQUE |  
DIMENSION**

FOR

OIL&GAS | POWER | PETROCHEMICAL | MARINE | PHARMACEUTICAL AND OTHER PROCESS  
INDUSTRIES



10 BUKIT BATOK CRESCENT  
#11-01 THE SPIRE  
SINGAPORE 658079  
TEL: 65155242 FAX: 65155902

## GENERAL PROFILE:

Protek Metrology Measurements Pte Ltd (PMM) is a provider of testing & calibration, sales & services for metrology measurements for industrial process equipments.

We offer a comprehensive range of testing, calibration and measurement services to customers meet their quality, maintenance, environment, health & safety needs on par with national/international standards to their satisfaction in a diversified field of industries.

We provide our services to customers, either in an environmentally controlled in-house multi-laboratory facility, on-site and/or on-board at the customer locations with the best accuracy, quality and reliability to your process parameters, traceable in line with national and ISO/IEC 17025 standards.

Our technical professionals offer a high standard of value added services at an affordable cost with the aid of state-of-the-art new-generation equipments.

## VISION:

To be a leading metrological measurement service provider in this region.

## MISSION:

To become our customers' desired choice for all metrological & measurement needs for their process accuracy and reliability at an affordable cost.

## ORGANISATION:

Krishnan <i>Chief Executive &amp; Lab Manager</i>	Kombaiya <i>Quality Manager</i>	Electrical Metrology T. Vinoth   Calibration Engineer
Gomathi <i>Director</i>		Pressure & Thermal Metrology Kombaiya   Quality Manager
		Torque Metrology Kombaiya   Quality Manager
		Dimensional Metrology Baranee   Calibration Engineer
	Sasitha <i>Accounts Assistant</i>	Administration & Transports HSE management
	Bobby <i>Purchaser</i>	Purchasing Supplier control
	Dhaya & Siti <i>HR &amp; Admin Executive</i>	HR functions Work order control
	Raju <i>Projects</i>	Advertising & Marketing Proposal assistance

# OUR COMPANY

---

## ■ BACKGROUND

PMM, a company incorporated in Singapore in year 2013, with strong technical expertise in this field.

We have an efficient and globally experienced team of professionals who can cater a wide range of testing & calibration services for metrology measurements for various industries.

## ■ INSIGHT INTO CLIENT NEEDS

Our understanding of clients' concerns comes from our depth of knowledge and experience.

Our commitment makes the difference to everything we do and provides lasting benefits to our clients and customers.

The relationship that provides creative solutions.

Resourcefulness in overcoming challenges.

Integrity and openness

Long-term commitment to be a dependable partner, bringing new ideas and technology.

These are qualities that cannot be delivered through systems or technology alone. They come from the caliber of our people, who are highly motivated professionals.

## ■ OUR RESOURCES

BY employing appropriately qualified professionals harnessing the best technology and industrial practice, we ensure the highest quality of services using the depth of our experience to provide successful customer solutions.

## ■ INTERNATIONAL CAPABILITY

PMM recognizes the dependence of global development on the capability to meet the ever increasing demands in the industry. We offer our expertise beyond Singapore through associated companies in the respective regions.

---

# OUR BUSINESS

---

We offer our customers; quality, reliability and cost effective solutions to maintain a lasting relationship that satisfies their needs and provides a peace-of-mind at all times.

## ■ CAPABLE SERVICES

**Testing & Calibration in:**

Electrical, Pressure, Thermal, Torque & Dimensional Metrologies.

**Repair service of electronic PCB boards** for various applications, up to component level diagnostic services.

**Sales of all Metrological equipments & products at an competitive price**

And other Value added services.

Please refer to **Appendix-A** for more details.

---

## OUR MECHANISM

---

We share a common goal with our clients - delivery of efficient and affordable services on par with international standards.

### ■ **CONSTANT UPDATION**

Going into the future requires dominance of the present.

At PPM, we intent and encourage our professionals to constantly update their technical skills in line with international standards and practices currently in use.

### ■ **TOTAL QUALITY**

Quality is the responsibility of everybody. Our objective is not only service quality and process efficiency, but also clients' satisfaction.

Although a quality system is in place, our goals are of a higher level as we seek continuous improvement and closer working relationships with our clients.

In line with our commitment towards Quality, we are currently undertaking ISO/IEC 17025:2005 accreditation under SAC-SINGLAS which we strongly believe, our quality benchmark will be taken into a newer height.

---

## INCORPORATION DETAIL

---

Name of the Company	: Protek Metrology Measurements Pte Ltd
Year of Incorporation	: August -2013
ROC & GST reference	: 201322550Z
Registered address	: 10 Bukit Batok Crescent   #11-01 The Spire   Singapore 658079
Business address	: 10 Bukit Batok Crescent   #11-01 The Spire   Singapore 658079
Contacts	: Tel:6515 5242 Fax:6515 5902 Email: <a href="mailto:sales_metrology@kglpprotek.com.sg">sales_metrology@kglpprotek.com.sg</a>

---

## CORPORATE AFFILIATIONS

---

WSH Council	:  bizSAFE3 on Workplace Safety & Health (Risk Management system)
ISO 9001:2015	: Quality management system (under progression)
ISO/IEC 17025:2005	: Laboratory management system (SAC-SINGLAS) (under progression)

## PCB REPAIR SERVICE CAPABILITY

We understand that the down-time cost of any process equipment that chucks away a significant slice of the profit margin and therefore appropriate maintenance and keeping sufficient spares-inventory become inevitable for any production processes. Production continuity is essential in maintaining the commitments to your valued customers.

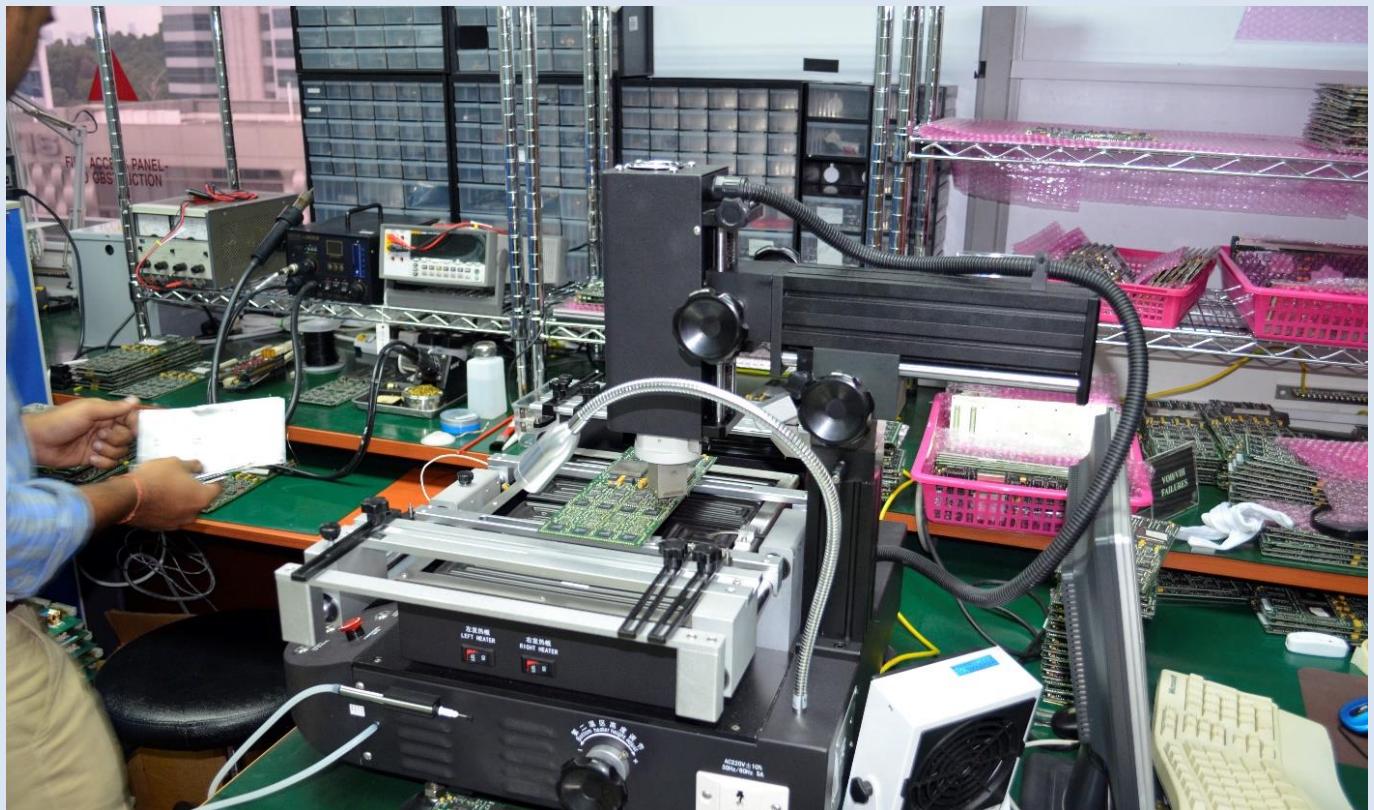
We at PMM, undertake PCB board repair service for various process applications to the component level troubleshooting which ensures sufficient spares-management of critical PCB that minimize long lead-time of spares ordering, at a very low cost that too at your vicinity.

Our efficient team of technical professionals who are capable of understanding the process requirements and diagnose the PCB troubles by properly analyzing the circuits.

Numerous PCB cards have been so far serviced to the satisfaction of our valued clients.

Typical PCB cards & equipments that we are capable to undertake repair services are:

- **AC-DC POWER SUPPLY MODULES**
- **DC-DC POWER SUPPLY MODULES**
- **PROGRAMMABLE POWER SUPPLIES**
- **BGA COMPONENT MODULES**
- **ALL MEASURING INSTRUMENTS**
- **PROCESS FIELD INSTRUMENTS**
- **ANY OTHER APPLICATION SPECIFIC PCBs**

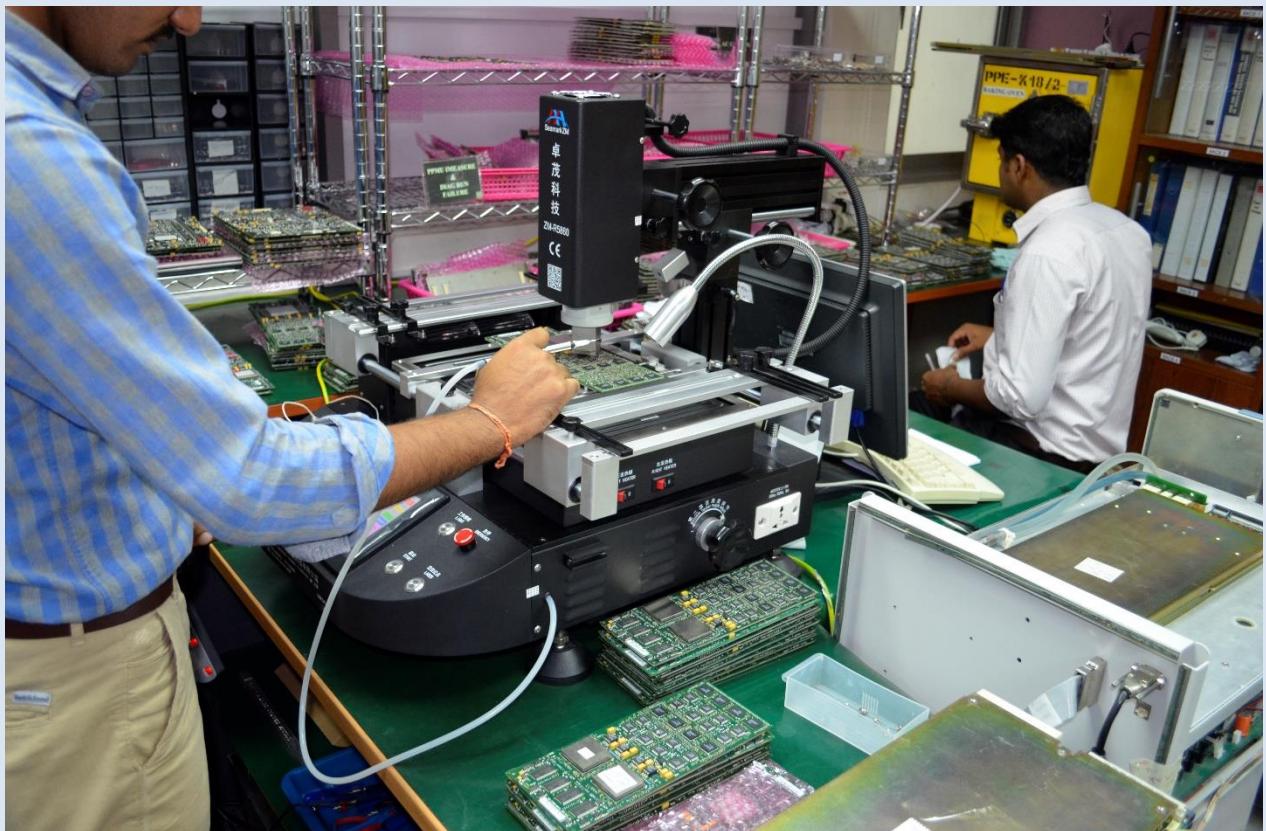


---

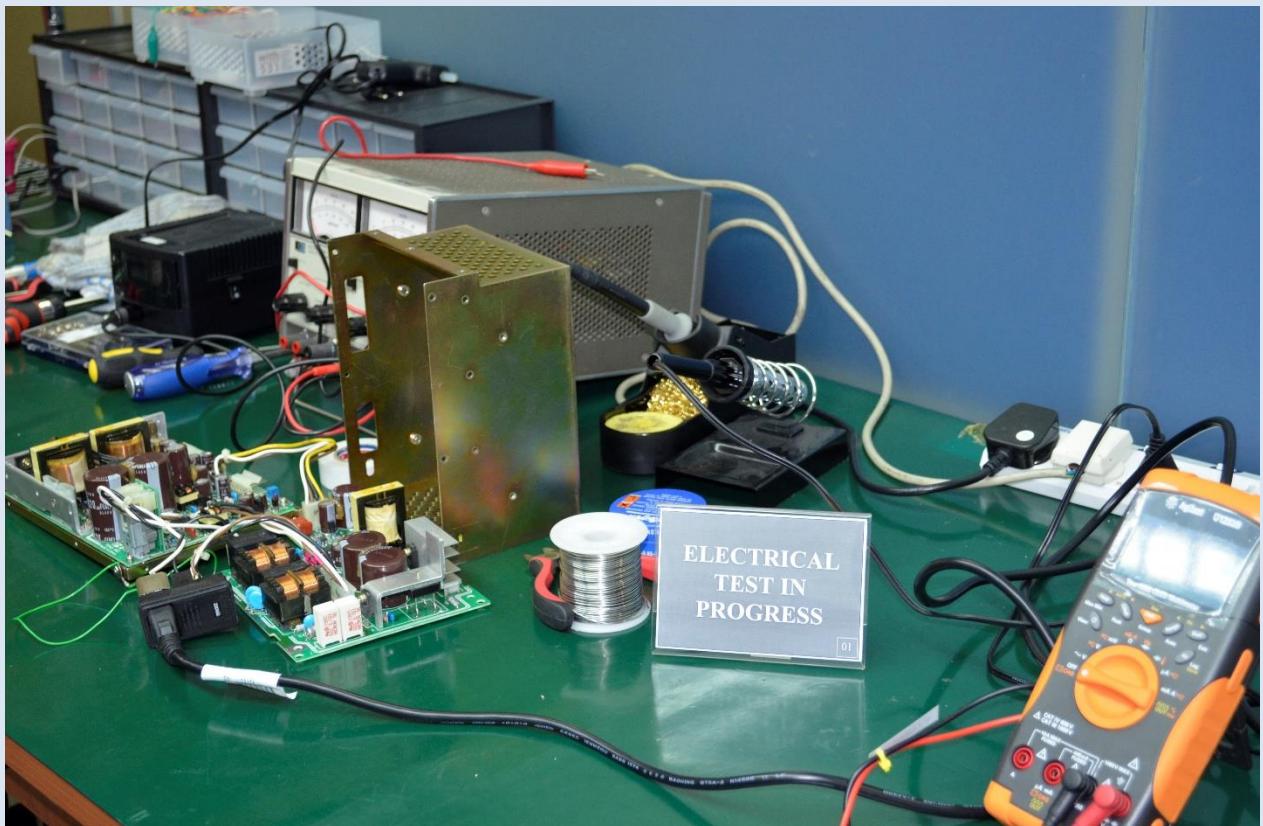
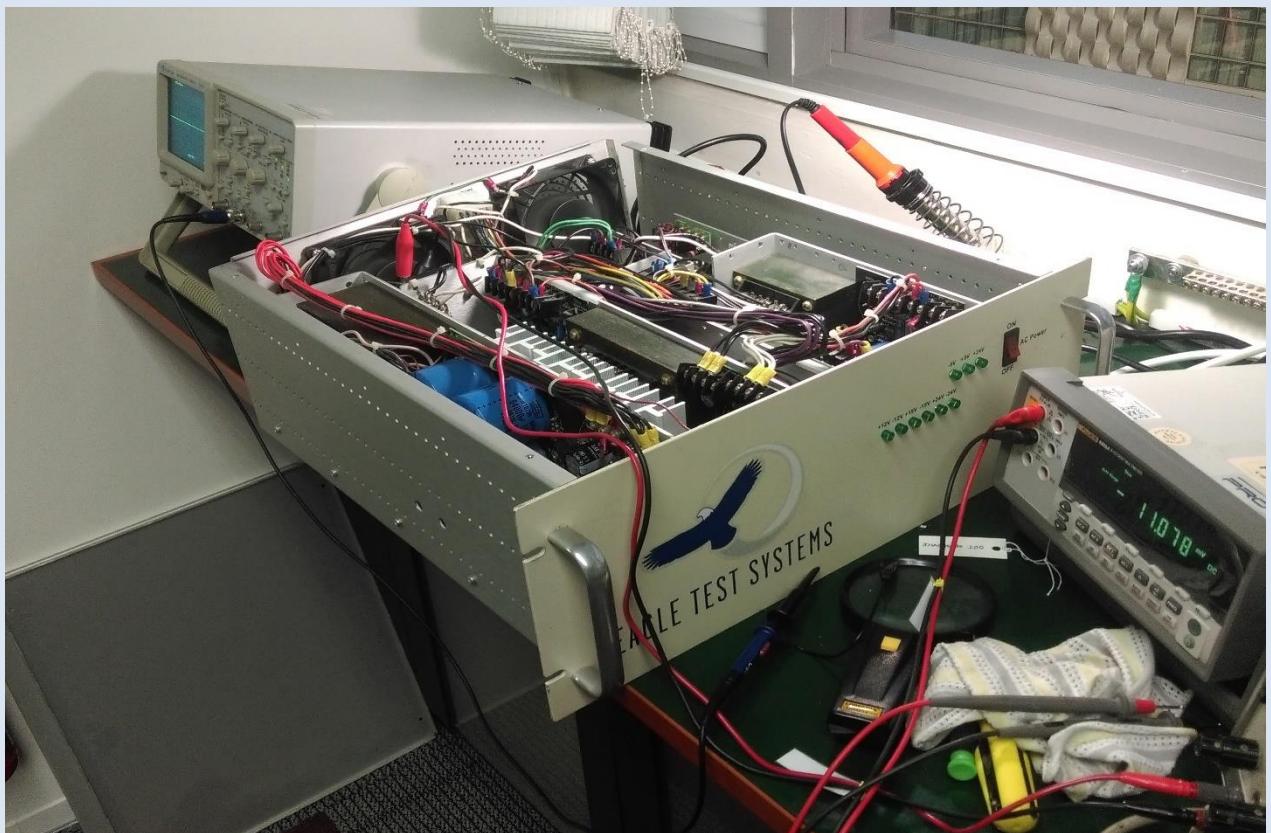
## PICTURE GALLERY – REPAIR SERVICE

---

# REPAIR SERVICE FACILITIES



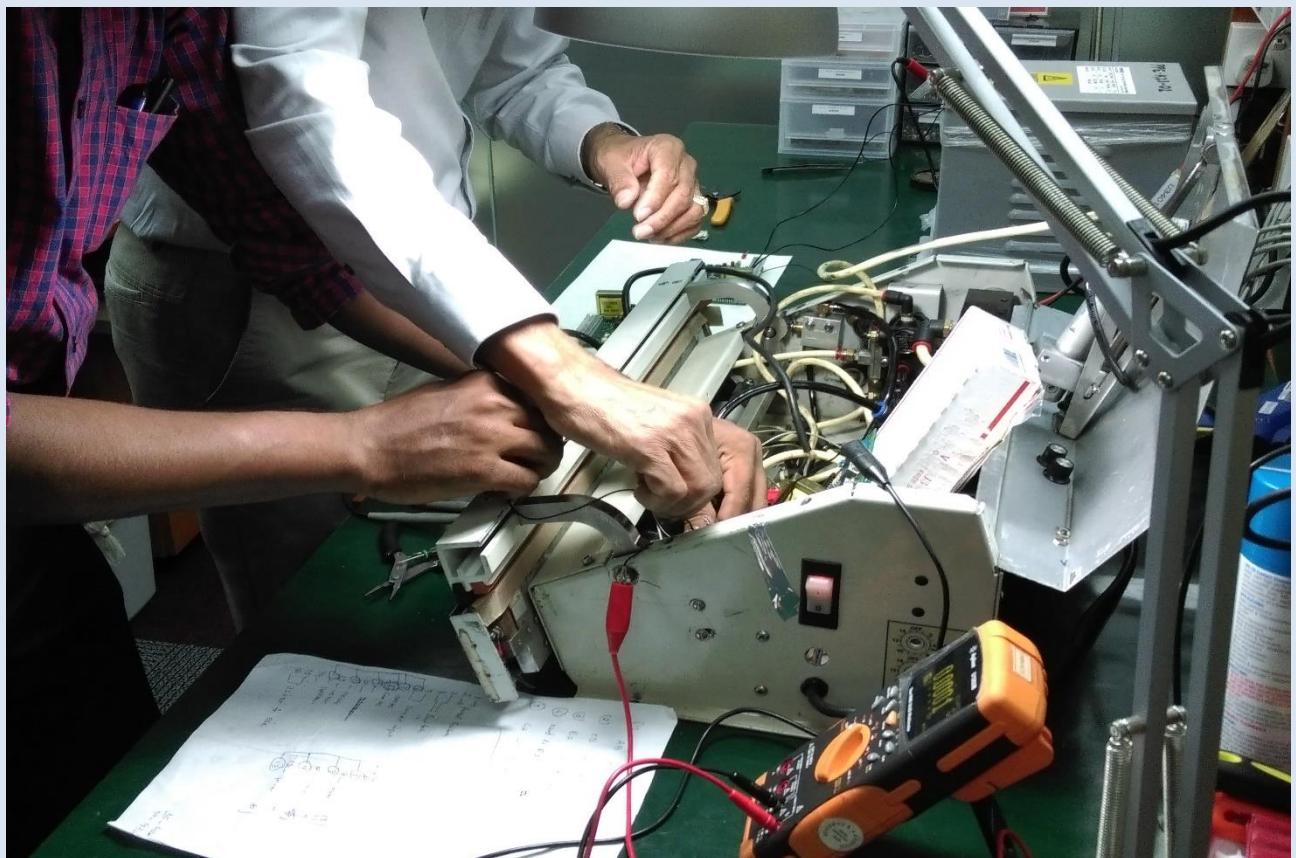
# REPAIR SERVICE FACILITIES



# REPAIR SERVICE FACILITIES



# REPAIR SERVICE FACILITIES



# REPAIR SERVICE FACILITIES



## DIAGNOSTIC TOOLS USED FOR PCB REPAIR SERVICE

---

1. <b>OSSICIOSCOPE</b>	<b>100 MHz, INSTEK</b>
2. <b>FREQUENCY COUNTER</b>	<b>100 MHz</b>
3. <b>FREQUENCY GENERATOR</b>	<b>3.2 GHz, R&amp;S</b>
4. <b>DIGITAL MULTIMETER</b>	<b>7.5 DIGITS, AGILANT</b>
5. <b>DIGITAL MULTIMETER</b>	<b>6.5 DIGITS, FLUKE</b>
6. <b>DIGITAL MULTIMETER</b>	<b>5.5 DIGITS, FLUKE &amp; AGILANT</b>
7. <b>PROG. POWER SUPPLY</b>	<b>UPTO <math>\pm 30.0</math> VDC</b>
8. <b>PROG. POWER SUPPLY</b>	<b>UPTO <math>\pm 25.0</math> VDC</b>
9. <b>BGA REPAIR STATION</b>	
10. <b>DESOLDERING VAC. PUMPS</b>	
11. <b>HOT AIR GUNS</b>	
12. <b>STD SOLDERING STATIONS</b>	
13. <b>BGA REBALING KITS .....AND MUCH MORE</b>	

---

## PICTURE GALLERY – CALIBRATION & TESTING

---

### CALIBRATION FACILITIES ELECTRICAL



# CALIBRATION FACILITIES

## ELECTRICAL



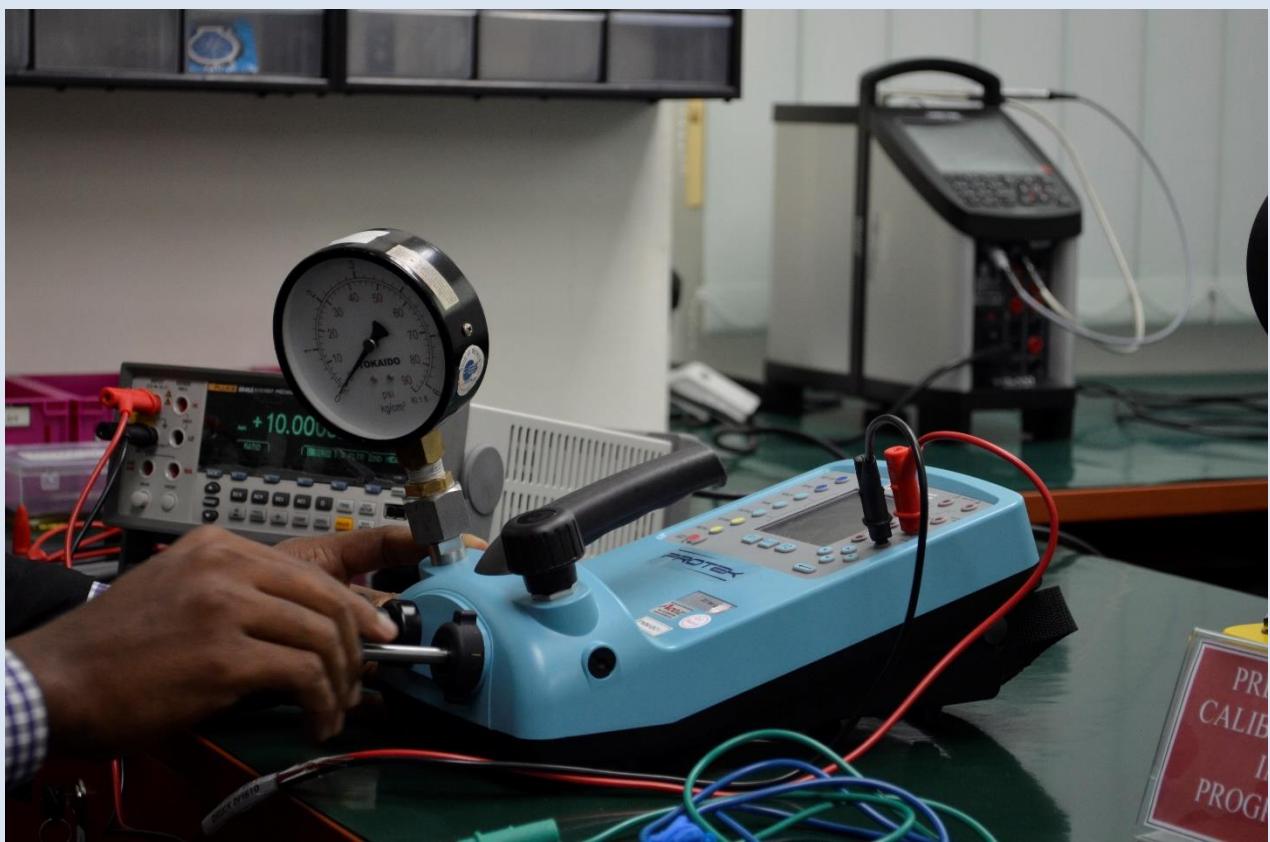
# **CALIBRATION FACILITIES**

## **PRESSURE**



# **CALIBRATION FACILITIES**

## **PRESSURE**



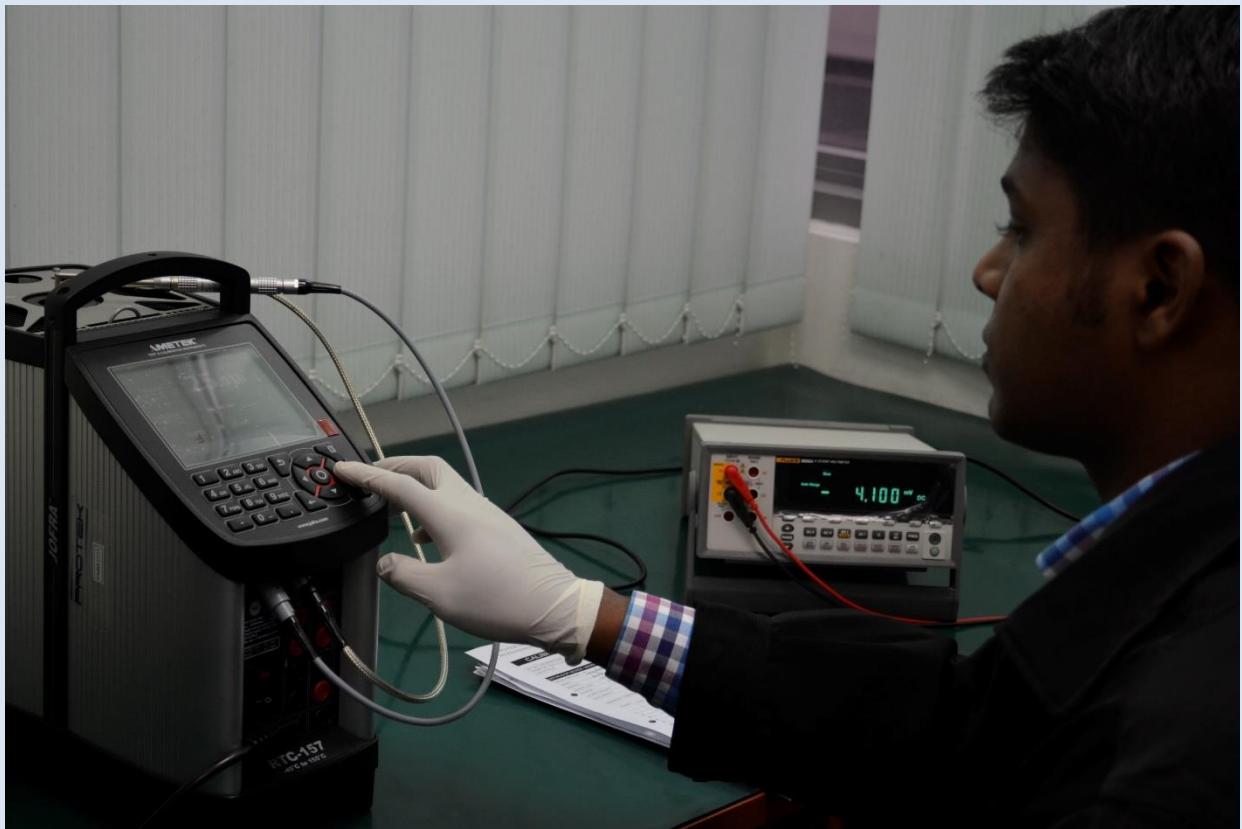
# CALIBRATION FACILITIES

## THERMAL



# CALIBRATION FACILITIES

## Thermal



# **CALIBRATION FACILITIES**

## **THERMAL**



# **CALIBRATION FACILITIES**

## **DIMENSIONAL**



# CALIBRATION FACILITIES

## DIMENSIONAL



# **CLIENTELE**

## **FOR CALIBRATION AND SALES & REPAIR SERVICES**

National University Singapore (NUS)  
Keppel Singmarine Pte Ltd  
Sanko Singapore Pte Ltd  
Hai Leck Engineering & Construction Pte Ltd  
Hai Leck Engineering Pte Ltd  
Western Shipping Pte Ltd  
Ocean Ship Management Pte Ltd  
Continent Projects Pte Ltd  
Fong's Engineering Pte Ltd  
Mencast Marine Pte Ltd  
Raytheon Anschuetz Singapore Pte Ltd  
Furuno Singapore Pte Ltd  
Kiso Jiban Consultants Co. Ltd  
Shofu Dental Pte Ltd  
Protek Process Engineering Pte Ltd  
Neumart Technology Pte Ltd  
MES Pte Ltd  
Safa Steel Singapore Pte Ltd  
Super world Electronics Pte Ltd  
QMC M&E Pte Ltd  
PMC Innovation Pte Ltd  
New Time Enterprises Pte Ltd  
Lixin Engineering Pte Ltd  
Fire-Mech Pte Ltd  
VT Test Pte Ltd  
Metrix Precision Pte Ltd  
Toh Ban Seng Contractor Pte Ltd  
QMC M&E Pte Ltd  
Team Marine Pte Ltd  
Perma-Linear Pte Ltd  
Mclean Technologies Pte Ltd  
Adamally LLC (DUBAI)  
Metrological Testing & Calibration service  
Benteler Distribution Singapore Pte Ltd  
Midpoint Engineering & Hardware Pte Ltd  
Phils Engineering Pte Ltd  
Welmet Engineering Pte Ltd  
And more.....