



Measuring Services .. You can count on ...

As a growing Company We Look forward to Achieve the difficult equation through providing a high quality services with a competitive cost

Our team technical knowledge and experience, coupled with our steadfast commitment to quality and the highest standards of customer service, provide our clients with reliable, accurate and thoroughly documented controlled results, and ensuring optimal equipment performance, documented regulatory and quality compliance, in addition to minimizing equipment and facility down time.



About Us

Egyptian Engineering and Scientific Services Company provide comprehensive Calibration, Clean room Validation , Temperature Mapping and Qualification services to the pharmaceutical, medical device and Food industries.

We Also Supply Handheld Instruments , Data loggers , Measuring and Calibration Instruments , Calibrators and Environmental Monitoring Systems (temperature , Humidity , Differential Pressure and Particle Counting)

EESS an ISO 9001:2008 certified company in the scope of Calibration, Validation and Thermal Validation Services

Market Sectors

EESS has experience in process and cleanroom technology and fully understands the needs for manufacturing facilities required by highly regulated and demanding manufacturing industries.

Pharmaceutical-Medical Devices-Food and Beverage



TECHNICAL SERVICES

EESS provide reliable accurate and precise services for our customers with the highest level of quality and professionalism. It is our goal to gain and maintain our customer relationships with a focus on outstanding service Quick response to our customer requests followed by timely completion of the work means a more streamlined company operation for customers, We are constantly updating and expanding our capabilities to meet your business requirements.



Calibration

EESS provides Calibration Services for Temperature, Pressure, Humidity, Conductivity, PH, Mass, Force, Electrical, Dimensional, Rotation Speed, Time, and more, traceable to the international Institutes of Standards and metrology and meet the ISO 17025



Clean Room Validation

Cleanroom Validation Services for Clean Areas and Equipments which executed in accordance with cGMPs and ISO 14644 Regulations. testing includes Particulate Counting , Air Change Rate , Air Pressure Difference, Airflow velocity, DOP Test, Airflow visualization, , and Recovery time tests



Thermal Validation

Thermal Validation Services covers Autoclaves, ETO Sterilizers, Ovens, Tunnels, Incubators, Stability Chambers, Cold stores and warehouses according to HTM, WHO, cGMP, and ISO Regulations using validation systems comply with FDA 21CFR part11



Qualification IQ,OQ

Qualification Services includes the preparation and executions of IQ, OQ, PQ Protocols for Laboratory Equipments, Utility systems, Sterilizers , and Production Lines, Also for Computer Systems which meets our customers' regulatory and GLP/GMP requirements.

OUR COMPLETE PROJECT SOLUTIONS



HVAC System Validation

For HVAC Systems with regard to Standards and Guidelines We provide a full testing pack from Air Handling Units Qualification with BMS Validation and Measuring Instruments Calibration to Cleanroom Testing and Certification

- Projects delivered with high level of Project Management and Scheduling
- Complete Validation Documentation (IQ, OQ , PQ ...)
- Comprehensive Calibration Certificates with as-found and as -left data
- Cleanroom Test reports can be customized to customer specification

Sterilization Validation

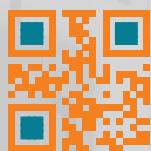
Developing, executing and summarizing PQs for moist heat and dry heat component sterilization as well as EO Gas Sterilization , We have many array of validation equipment allowing us to provide our customers with a large variety of options when choosing how many data-points and parameters they want to include in their validation study

- CFR21 Part 11 compliant software easy , detailed and Professional Report
- Distribution and Penetration Studies with Hot and Cold Points Detecting
- Sterilization Period Calculation (Min , Max , Time,...) with Lethality Calculations
- Highly Explained Mapping and Loading Pattern



Why Choose EESS ?

For High Quality Services with a competitive cost
For Fast response in service execution and Reports delivery
For Flexibility with Customer requirements and Time availability
For Continuous Improvement for our provided services quality
For trust in our system depending on Automated reports and customer data security and privacy
For Support ,We are always available for answering your questions and solve your problems with open mind using the latest technology



GET IN TOUCH

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Web: www.eess-co.com

الخدمات الفنية التي تقدمها الشركة المصرية للخدمات العلمية والهندسية

الشركة المصرية للخدمات العلمية والهندسية تقدم خدمات المعايرة والقياسات والتحقق من الصلاحية واختبارات الغرف النظيفة لمناطق تصنيع الادوية والمستلزمات الطبية و الصناعات الغذائية وصناعات اخرى و دراسات التوزيع الحراري للمخازن والثلاجات وكل مناطق التخزين كمان سيارات نقل الادوية ، شركتنا تستخدم احدث الاجهزة والانظمة الموجودة في العالم المطابقة للمواصفات القياسية العالمية ، شركتنا قدرت تحقق معادلة صعبة انها تقدم خدمة بجودة واحترافية باسعار تنافسية في اكبر الشركات في مصر وبرة مصر ، نحن أيضا نقوم بتوريد اجهزة القياس والمعايير وأنظمة الرصد البيئي ، الشركة المصرية للخدمات العلمية والهندسية حاصلة على شهادة ايزو 9001:2015 في كل المجالات والخدمات الى بتقدمها، شركتنا يتميز بدعمها للعلماء وبسرعة تنفيذ طلباتهم في مواقعهم و توصيل شهادات المعايرة او تقارير الاختبارات في اسرع وقت ممكن بدون تعقيد او تأخير . شركتنا هي مقدم الخدمة المتكاملة كل اللى انت محتاجة ويدعم فني متميز وفي وقت قياسي.



معاييره اجهزة القياس

نقدم خدمات المعايرة لاجهزه قياس درجة الحرارة ، الضغط فرق الضغط ، الرطوبة النسبية ، تدفق الهواء، Conductivity، PH ، الكتلة ، القوة ، الصلابة ، العزم ، سرعة الدوران ، الوقت ، الاطوال ، الكهربائية ، الحجم ، اجهزة الكشف عن المعادن ، والمزيد ... * تبع المعايرات التي يتم إجراؤها إلى المعهد الوطني للمعاير والتقنية (NIST) وتفي بمتطلبات ISO 17025



اختبارات الغرف النظيفة

خدمات اختبار و التحقق من المناطق والمعدات النظيفة وفقاً لمعايير GMP و ISO 14644 . الاختبارات تشمل:-

- أختبار الفلاتر تقية الهواء ، أختبار عد الجزيئات الموجودة في الهواء
- أختبار كثيارات الهواء ومعدل تغير الهواء في الساعة ، أختبار فرق الضغط بين الغرف النظيفة، أختبار الحرارة والرطوبة في الغرف النظيفة
- أختبار اتجاه الهواء وتوزيعه، أختبار وقت الاستعادة للغرف النظيفة بعد تلوثها
- أختبار سرعة الهواء

OUR COMPLETE PROJECT SOLUTIONS



Sterilization Validation

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- Sterilization Period Calculation (Min , Max , Time,...) with Lethality Calculations
- Highly Experienced Mapping and Loading Pattern



اختبار ودراسة التوزيع الحراري

تغطي خدمات التتحقق من التوزيع الحراري أجهزة التعقيم والأفران والأفون واجهزة التعقيم بغاز الايثيلين والحاضنات وغرف الشبات والمخازن وفقاً لأنظمة WHO و ISO 21 CFR part11 eGMP و FDA 21CFR



التحقق من كفاءة المعدات والأنظمة

تشمل خدمات التتحقق من الكفاءة إعداد وتنفيذ بروتوكولات IQ و OQ و PQ للمعدات المخبرية وأنظمة المرافق والمعقمات وخطوط الإنتاج ، وأيضاً لأنظمة الكمبيوتر طبقاً لمتطلبات GLP / GMP .

HVAC System Validation

For HVAC Systems with regard to Standards and Guidelines We provide a full testing pack from Air Handling Units Qualification with BMS Validation and Measuring Instruments Calibration to Cleanroom Testing and Certification

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- Complete Validation Documentation (IQ, OQ, PQ,...)
- Comprehensive Calibration Certificates with as-found and as -left data
- Cleanroom Test reports can be customized to customer specification



الشركة المصرية للخدمات العلمية والهندسية مقدم لخدمات القياس والمعايرة منذ عام 2013 في مصر والشرق الأوسط لجامعة واسعة من الأجهزة .

نعمل مع كبرى الشركات في مجالات عدة مثل الصناعات الدوائية والمستلزمات الطبية والصناعات الغذائية .

أسعارنا تنافسية للغاية وأوقات التسليم لدينا ممتازة

شهادات المعايرة لدينا شاملة وتشمل البيانات قبل وبعد المعايرة بالإضافة إلى معاير النجاح / الفشل وبيان موجز عن الطريقة المستخدمة

تبعد المعايرات التي يتم إجراؤها إلى المعهد الوطني للمعاير والتقنية (NIST) وتفي بمتطلبات ISO 17025

تم اعداد خدمات المعايرة من أجل زيادة كفاءة وفاعلية عملائنا من خلال تحسين دقة الأدوات وأداء المعدات .

يتم تدريب مهندسي خدمة EESS على توفير خدمات معايرة دائمة في الموقع وفقاً للوائح ISO ومعايير الصناعة

ما المعايرات التي تقدمها لك EESS ؟

تقديم خدمات المعايرة لاجهزه قياس درجة الحرارة، الضغط ، فرق الضغط ، الرطوبة النسبية ، تدفق الهواء ، conductivity ، PH ، الكتل ، القوة ، الصلابة ، العزم ، سرعة الدوران ، ال الوقت ، الاطوال ، الكهربائية ، الحجوم ، الكشف عن المعادن ، والمزيد ...

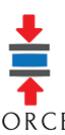
معمل معايرة الحرارة



TEMPRETURE CALIBRATION

- Calibration of Ovens (Drying - Muffle)
- Calibration of Incubators
- Calibration of Refrigerators and Freezers
- Calibration of Temperature indicators
- Calibration of Temperature controller
- Calibration of Thermo-hygrometer
- Calibration of Stability chamber
- Calibration of Digital Thermometer
- Calibration of liquid bath
- Calibration of Data Loggers
- Calibration of Chart Recorder

معمل معايرة القوة



FORCE CALIBRATION

- Calibration of Compression machine
- Calibration of Torque
- Calibration of Hardness machine

معمل معايرة الكهرباء



ELECTRICAL CALIBRATION

- Calibration of Multimeter
- Calibration of Multifunction
- Calibration of Resistance Box

معمل معايرة المختبرات

- Calibration of Centrifuge
- Calibration Rotational Speed meter (rpm)
- Calibration of Stop watch
- Calibration of pH meter
- Calibration of Conductivity meter
- Calibration of Metal Detectors

معمل معايرة الضغط



PRESSURE CALIBRATION

- Calibration of Pressure gauges
- Calibration of Differential Pressure
- Calibration of Vacuum gauges
- Calibration of transducer
- Calibration of Pressure calibrators
- Calibration of Pressure Switches
- Calibration of Chart Recorders
- Calibration of Manometers
- Calibration of Data Loggers

معمل معايرة الكتل و الموزان



BALANCE CALIBRATION

- Calibration of Balances
- Calibration of Moisture Balances
- Calibration of weighing units on production
- Calibration of standard weights
- Calibration weights of measure equipment
- Calibration of Check Weigher

معمل معايرة الاطوال



DIMENTIONAL CALIBRATION

- Calibration of Micrometers
- Calibration of Calipers
- Calibration of gauge blocks
- Calibration of Dial gauges
- Calibration of rulers
- Length measurements



التحقق من صلاحية الغرف النظيفة وانظمة التهوية والتكييف

نحو الشركة المصرية للخدمات العلمية والهندسية بعمرتنا الفنية وخبرتنا في اختبار الغرف النظيفة إلى جانب التزامنا الراسخ بالجودة وأعلى معايير خدمة العملاء ، توفر لعملائنا تأميناً تاماً لاختبار غرفة نظيفة موثوقة ودقيقة وموثقة ، مما يضمن الأداء الأمثل لها ، والتوصي التنظيمي والتوصي مع الجودة ، وتقليل وقت التشغيل .

ما الاختبارات التي تقدمها لك EESS ؟ CLEAN ROOM TESTS

HEPA filter integrity testing

Non-viable particulate Counting

Air flow volume and Room air change rates

Air Pressure Difference between room

Temperature and humidity measurements

Airflow visualization testing

Recovery time test

Airflow velocity test

أختبار الفلاتر تنقية الهواء

أختبار عد الجزيئات الموجودة في الهواء

أختبار كميات الهواء ومعدل تغير الهواء في الساعة

أختبار فرق الضغط بين الغرف النظيفة

أختبار الحرارة والرطوبة في الغرف النظيفة

أختبار اتجاه الهواء وتوزيعه

أختبار وقت الاستعادة للغرف النظيفة بعد تلوثها

أختبار سرعة الهواء

Our Validation Services According to International Standards

ISO 14644 Clean room and associated environment

Federal standard FED-STD 209E

USP 797 ,Pharmaceutical Compounding – Sterile preparation

EU GMP

We Provide Qualification

Protocol for HVAC System Design ,

Drawing , Block Diagram ,

and Classification of each

Clean Room , also Reports for each Test in addition to summary report for each room supported with automated report which generated from our Validation Equipment and Validation software



Thermal Validation – Temperature Mapping Services Using 21 CFR Part 11 Compliant Software

Thermal Validation is defined as the documented procedure of obtaining, recording and interpreting results to ensure that the sterilization process has been and will be consistently effective.

Thermal validation consists of accurately measuring the temperature at critical points within the sterilization chamber throughout the process



A temperature mapping study is an exercise to qualify temperatures (and humidity if required) of storage environments used for temperature sensitive products. This can include but is not limited to Warehouses (Controlled, uncontrolled, Dedicated or Multi Market), Cold stores/Fridges, Freezers, Containers, Vehicles, Stability Chambers, Incubators

The temperature mapping report will document any recorded Hot & Cold spots as well as recommendations for continuous monitoring positions where required.

EESS Thermal Validation – Temperature Mapping System

Our thermal validation software provides compliance with FDA regulation in 21CFR Part 11

It is providing a Full Automated Reporting and Report Management
In addition, software provides all the essential elements for meaningful and successful validation., all parameters including calibration data associated with a validation study are stored in a specific secured, configuration file, printable for hardcopy filing.

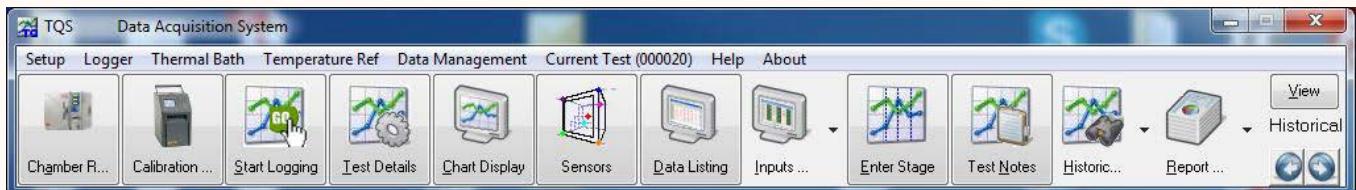
During the test, data is time stamped and stored at a default scan value in an unmodifiable.
Operators can view in real time any or all parameters being measured with both graphical and digital displays.

The configured validation test data can be printed for hardcopy in both graphical and tabular format.

We Let you Know all you need from our Study Report With Clear Thermal Validation Reported contain Calibration Report and Calibration Check Report - Cycle Analysis - Cycle Mapping Supported With Chart , Chart Zoom , Sensor positioning , Data list - Data list Calculations , and finally you will find Thermal Validation Summary Report

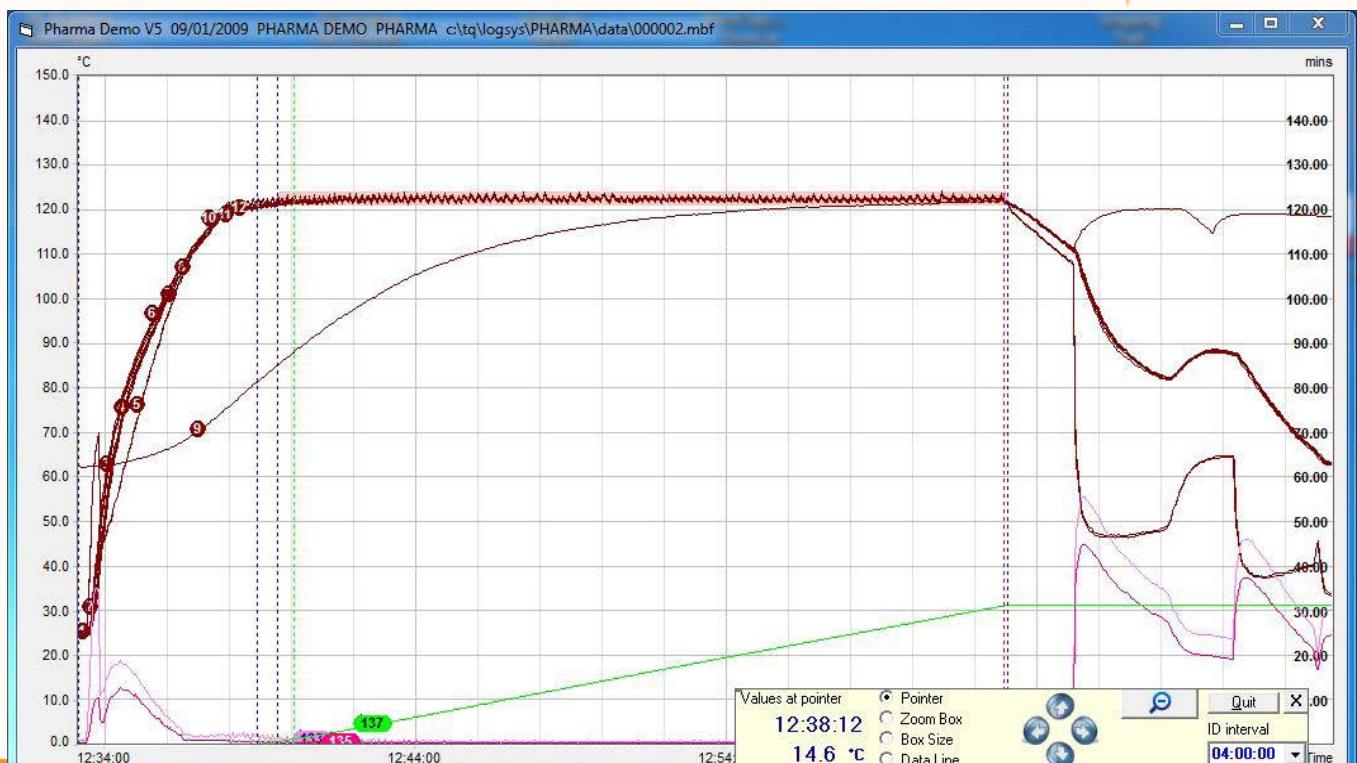
TQSoft has all the features essential for process monitoring!

User-Friendly Menu Display



Fully Configurable Chart

- Selectable trace ID interval
- Print normal chart or zoom view
- Configurable limit lines
- All individual trace colours are selectable
- Digital values display at vertical time line
- Easily move and resize zoom box with mouse
- Set the number of vertical and horizontal grids
- Real time chart update in normal or zoom view
- Select any probe combo or display calculated variables on graph
- Temperature and Pressure scales on same printout, digital values display
- Plot Max or Min of group
- Option to plot uncertainty



**Tabular Data Listings provide concise data summary
of the measured and calculated variables of the tested cycle!**

Colour coded values provide easily recognised timings of limit excursions and attainment of sterilising conditions. User selected critical cycle events and calculations are inserted for reference.

Size of report is determined by user choice. Each "stage" duration has independent data listing frequency control to 1 second resolution.

Options to include any Calculation from TQS unique 'I-Calc' feature.

Stage time events displayed with selectable summary intervals!

Display selected calculations!

Insert any Calculations (I-Calcs)!

Option to show lethaliites!

Configurable colours for values above each limit!

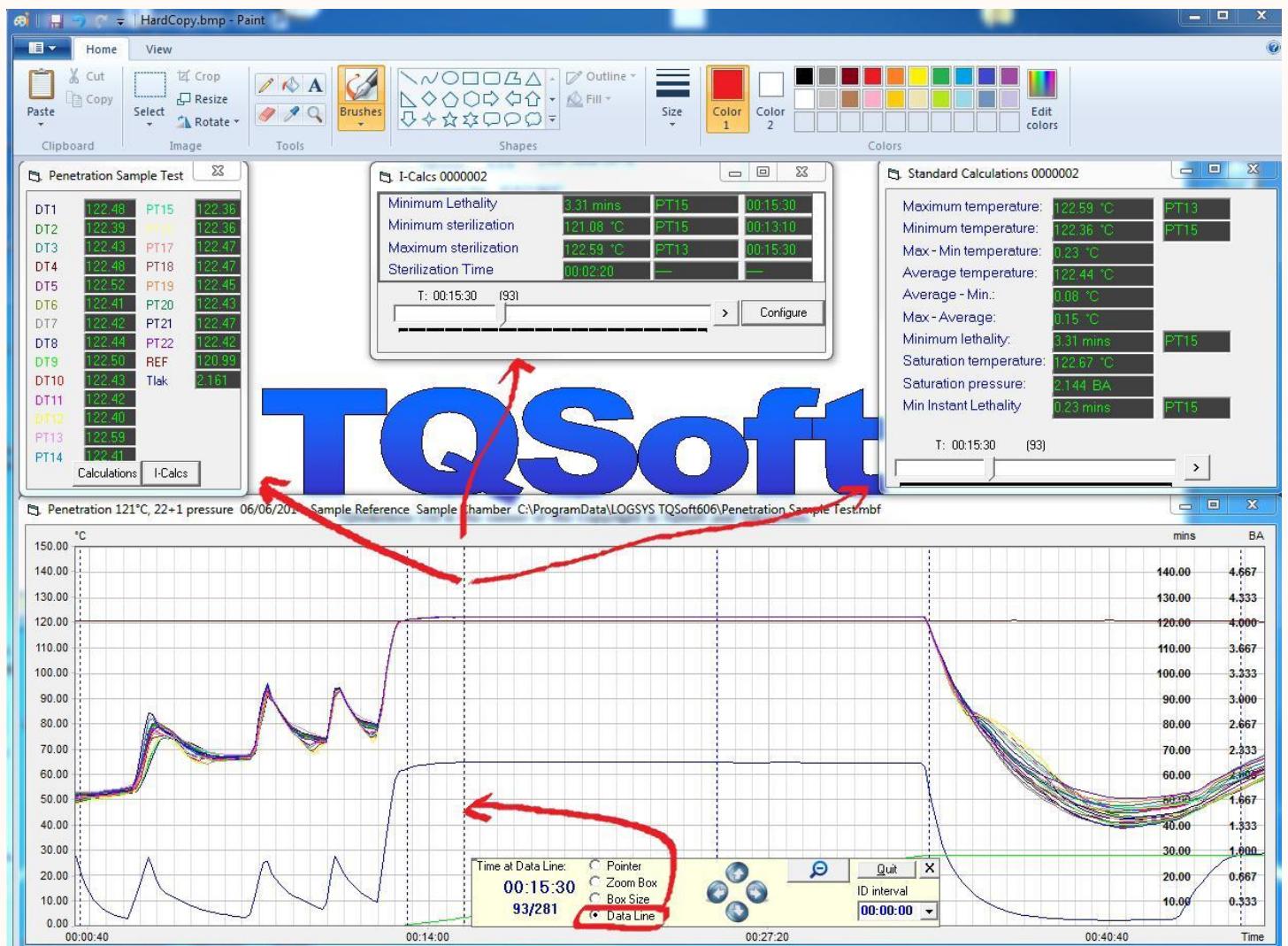
List up to 128 channels!

PHARMA DEMO												Page 1 of 7			
Cycle No. 000011												24/01/2007			
Serial No. PHARMA												23:02:09			
c:\logsys\PHARMA\data\000011.mbf															
Pharma Demo V5															
Test Person:				Sign				Date				dd/mm/yyyy			
Time	Tmp 1 °C	Tmp 2 °C	Tmp 3 °C	Tmp 4 °C	Tmp 5 °C	Tmp 6 °C	Tmp 7 °C	Tmp 8 °C	Tmp 9 °C	Tmp10 °C	Tmp11 °C	Tmp12 °C	Calculations Mx-Mn Avg-mm		
23:02:09 Cycle Started															
23:02:10	25.3 0.00	24.6 0.00	24.4 0.00	24.3 0.00	25.1 0.00	24.3 0.00	24.8 0.00	24.7 0.00	62.3 0.00	24.7 0.00	24.7 0.00	24.9 0.00	38.0 0.00		
23:04:10	75.3 0.00	88.4 0.00	88.7 0.00	85.8 0.00	75.7 0.00	89.1 0.00	85.0 0.00	85.6 0.00	64.3 0.00	88.4 0.00	87.7 0.00	86.0 0.00	24.8 0.00		
23:06:10	114.0 0.00	113.8 0.00	114.1 0.00	112.6 0.00	114.2 0.00	114.2 0.00	113.1 0.00	113.0 0.00	70.9 0.00	113.9 0.00	113.1 0.00	113.6 0.00	43.3 0.00		
23:07:46	Equilibration Start														
23:07:48	121.0 0.00	119.5 0.00	120.5 0.00	119.8 0.00	121.5 0.00	120.0 0.00	119.5 0.00	119.7 0.00	80.3 0.00	120.3 0.00	119.8 0.00	120.0 0.00	41.2 0.00		
23:07:52	121.8 0.00	120.7 0.00	120.9 0.00	120.2 0.00	121.4 0.00	120.9 0.00	120.6 0.00	120.6 0.00	80.9 0.00	121.0 0.00	120.4 0.00	120.8 0.00	40.9 0.00		
23:07:58	Lethality Start : 121.2 °C														
23:07:59	122.4 0.00	121.0 0.00	121.0 0.00	120.5 0.00	122.7 0.00	121.2 0.00	120.9 0.00	120.8 0.00	81.4 0.00	121.0 0.00	120.4 0.00	121.3 0.00	41.3 0.00		
23:08:04	121.2 0.12	120.4 0.10	121.1 0.10	120.6 0.09	121.4 0.11	120.5 0.10	120.4 0.10	120.6 0.10	82.0 0.10	121.1 0.10	120.6 0.09	120.7 0.09	39.4 0.10		
23:08:10	122.0 0.25	121.0 0.19	121.2 0.20	120.7 0.18	121.6 0.25	121.1 0.20	121.0 0.19	121.0 0.19	82.7 0.21	121.3 0.21	120.8 0.18	120.8 0.20	35.3 0.20		
23:08:18	121.7 0.36	120.5 0.28	121.0 0.31	120.6 0.27	122.4 0.36	120.7 0.29	120.5 0.28	120.6 0.28	83.2 0.31	120.8 0.27	120.4 0.27	121.0 0.30	34.6 0.30		
23:08:22	121.3 0.48	120.6 0.38	121.1 0.41	120.7 0.37	121.0 0.48	120.7 0.39	120.7 0.38	120.8 0.41	83.7 0.41	121.2 0.37	120.8 0.37	121.0 0.40	34.1 0.40		
23:08:28	122.7 0.61	121.5 0.49	121.3 0.51	120.9 0.46	122.4 0.62	121.5 0.56	121.5 0.59	121.2 0.59	84.4 0.62	121.3 0.58	120.9 0.56	121.6 0.58	38.3 0.58		
23:08:34	121.5 0.73	120.6 0.68	121.2 0.62	120.8 0.62	121.7 0.73	120.7 0.60	120.8 0.60	120.9 0.60	84.8 0.62	121.2 0.60	120.9 0.60	121.0 0.60	33.2 0.61		
23:08:36	Sterilisation Start : 121.1 °C (Tmp 4)														
23:08:38	Min Sensor Overall : 85.0 °C (Tmp 9)														
23:08:46	122.7 1.00	121.7 0.80	121.5 0.84	121.2 0.78	122.4 0.99	121.6 0.81	121.7 0.81	121.5 0.80	88.0 0.85	121.5 0.77	121.2 0.85	121.8 0.85	38.7 0.85		
23:08:56	123.3 1.22	122.2 0.99	121.8 1.03	121.5 0.94	122.8 1.22	122.1 1.22	122.3 1.00	122.0 1.00	88.9 0.98	121.9 1.04	121.5 0.95	122.3 1.04	38.4 0.95		
23:09:06	Start Calculations														
23:09:08	Max Deviation All Sensors : 0.7 °C														
23:09:08	122.1 1.45	121.7 1.18	121.7 1.23	121.4 1.12	121.7 1.43	121.6 1.19	121.7 1.20	121.5 1.18	87.9 1.24	121.9 1.14	121.6 1.24	121.8 1.24	34.2 31.0		
23:09:16	121.8 1.67	121.7 1.37	121.8 1.42	121.4 1.30	121.5 1.84	121.5 1.38	121.7 1.39	121.7 1.37	88.7 1.44	121.9 1.33	121.6 1.45	121.8 1.33	33.2 30.2		
23:09:26	122.0 1.89	121.2 1.68	121.7 1.62	122.2 1.49	121.4 1.86	121.4 1.57	121.4 1.59	121.4 1.58	89.7 1.64	121.7 1.52	121.6 1.65	121.7 1.65	32.5 29.3		
23:09:34	Min Sensor 1 : 121.4 °C (Tmp 1)														
23:09:34	121.6 2.07	121.4 1.72	121.7 1.78	121.4 1.84	121.3 2.03	121.2 1.72	121.5 1.75	121.5 1.72	90.4 1.80	121.8 1.68	121.6 1.82	121.6 1.82	28.5 28.5		
23:09:36	Min Sensor 2 : 121.0 °C (Tmp 2)														
23:09:36	Min Sensor 3 : 121.5 °C (Tmp 3)														

- Stage event logging
- Configurable user colours
- Temperature summary
- Lethality management
- Calculated value display
- Logs up to 128 channels
- Location of max/min
- Include or exclude sensors

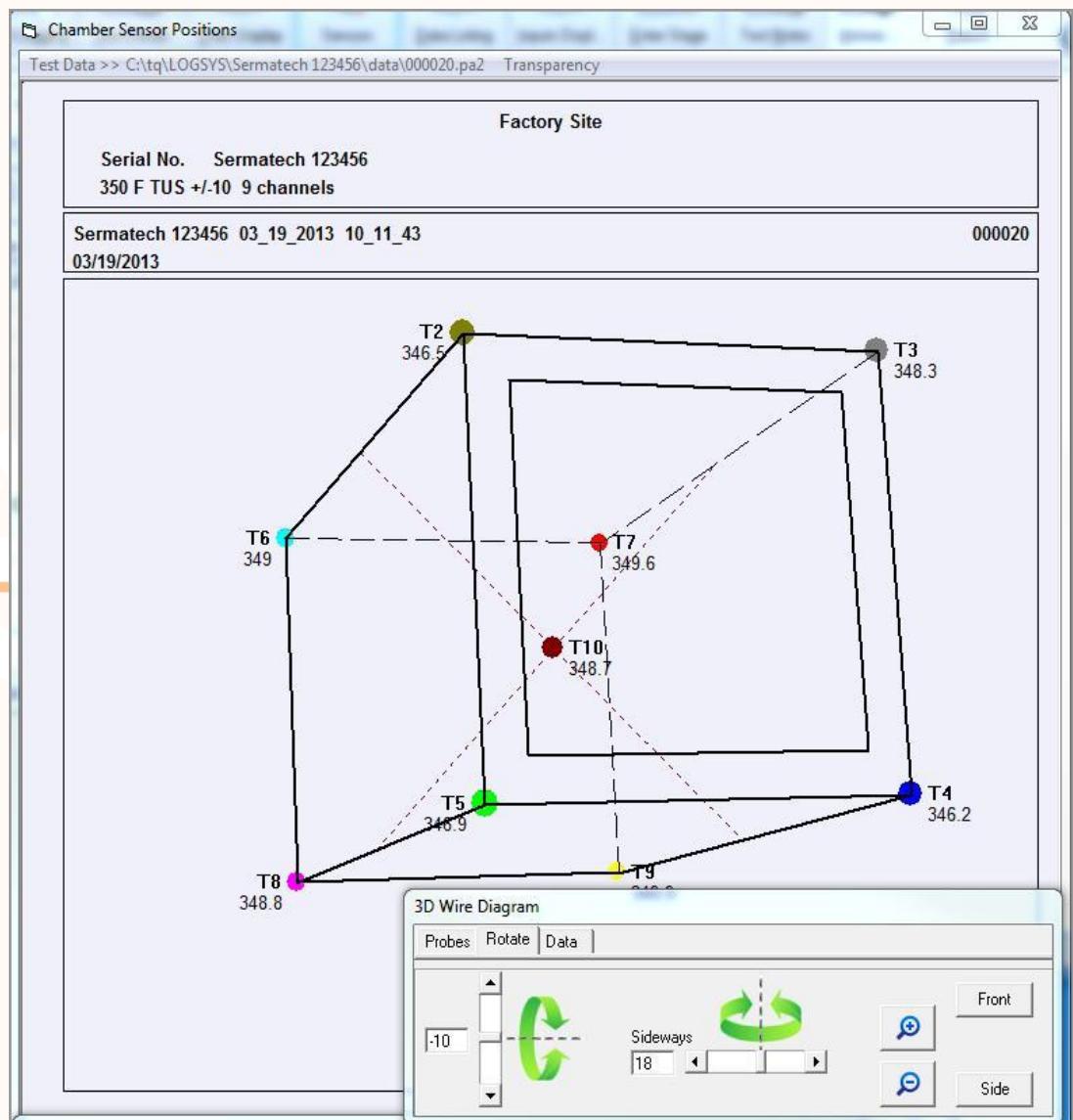
Now TQSoft can show all its standard calculations and configure I-Calcs in real time!

- When test is finished the calculations can be replayed using the chart Data Line as a slider
- Then, I-Calcs can be added, modified, or deleted, and the test replayed with the new settings
- Perfect analysis tool for all kinds of validation
- Powerful, easy, and 21CFR Part 11 compliant



TQSoft now allows validation engineers to setup and manage a 3D wire diagram of the chamber space!

- Drag and drop sensors to their correct position in 3D space
- Completed position diagram can be rotated and magnified
- Option for real time display of measurement values in the diagram
- Option to represent temperature gradients with color shading at each sensor position
- When test is complete the real time display can be replayed with a time slider, showing temperature behaviour and anomalies in the chamber
- Completed diagrams are easily added to reports.



Thermal Validation for Autoclaves:

Thermal validation of autoclaves consists of accurately measuring the temperature at critical points within the autoclave chamber throughout the process

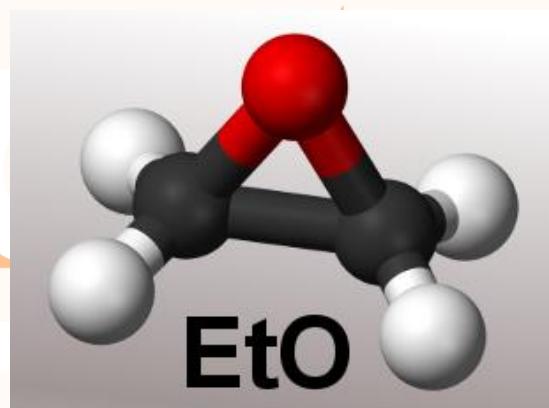
- Heat Distribution and Penetration Study
- Cold and Hot Points Detecting
- Sterilization Period Calculation (Min , Max , Sterilization Time)
- Lethality Calculations



Thermal Validation for ETO Sterilizers:

Eto sterilization is used on heat sensitive products. Consequently validation exercises must verify that temperature remains within specified parameters. Other critical parameters are pressure and humidity.

- Cycle Physical performance Analysis
- Temperature and Relative Humidity monitoring
- Pressure monitoring



Depyrogenation Validation:

The removal of pyrogens from glass and lab equipment in dry heat ovens or Tunnels is called Depyrogenation.

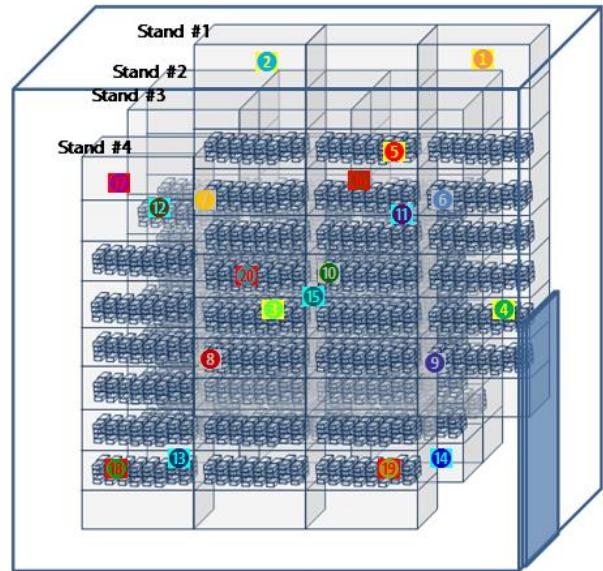
Most pyrogens are endotoxins, and although endotoxins are relatively thermally stable, a significant reduction in endotoxin levels can be achieved within a dry heat sterilizer.

- Heat Distribution and Penetration Study
- Cold and Hot Points Detecting
- Depyrogenation Period Calculation (Min , Max , Sterilization Time)
- Lethality Calculations



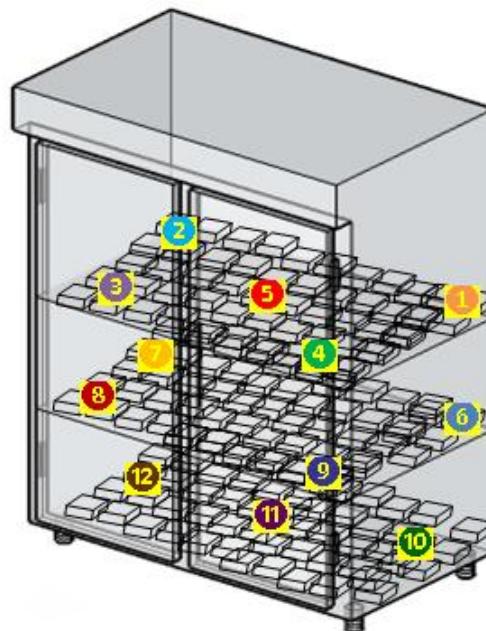
TEMPERATURE MAPPING FOR WAREHOUSES:

- Empty & With load (product)
- Summer & Winter
- External ambient temperature (outside of facility)
- Date stamp of any notable events (e.g. power failure)
- Mapped during normal operations
- Impact tests (e.g. HVAC power down, Door open tests)
- MKT (Mean Kinetic Temperature)



TEMPERATURE MAPPING FOR COLD STORES, VEHICLES, CONTAINERS, CABINETS (FRIDGES, FREEZERS, STABILITY CHAMBERS):

- Empty & With load (product)
- External ambient temperature (outside of cabinet/cold store/vehicle)
- Date stamp of any notable events (e.g. power failure)
- Impact tests (e.g. door open, Power cut)
- Mapped during normal operations



CONTACT US

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IQNet, the association of the world's first class certification bodies, is the largest provider of management System Certification in the world.

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CERTIFICATE No. 36459/18/AN

IT IS HEREBY CERTIFIED THAT THE QUALITY MANAGEMENT SYSTEM OF

EGYPTIAN ENGINEERING AND SCIENTIFIC SERVICES

27 ZOHNY ST, OFF RAMSIS STREET, EL-ZAHER CAIRO EGYPT

IN THE FOLLOWING OPERATIONAL UNITS

27 ZOHNY ST, OFF RAMSIS STREET, EL-ZAHER Cairo EGYPT

For information concerning validity of the certificate, you can visit the site www.rina.org

Reference is to be made to the relevant documented information for the requirements of the standard that cannot be applied to the Organization's management system scope

IS IN COMPLIANCE WITH THE STANDARD

ISO 9001:2015

FOR THE FOLLOWING FIELD(S) OF ACTIVITIES

IAF:34

CALIBRATION SERVICES, CLEAN ROOM QUALIFICATION, EQUIPMENT VALIDATION (INSTILLATION QUALIFICATION ,OPERATIONAL QUALIFICATION), TEMPERATURE AND RELATIVE HUMIDITY MAPPING, AND STERILIZERS THERMAL VALIDATION

*The validity of this certificate is dependent on an annual / six monthly audit and on a complete review, every three years, of the management system
The use and validity of this certificate are subject to compliance with the RINA document : Rules for the certification of Quality Management Systems*

First Issue	10.04.2018
Expiry Date	09.04.2021
Revision date	10.04.2018

Alessandro Romei
Certification EMEA Region
Senior Director

RINA Services S.p.A.
Via Corsica 12 - 16128 Genova Italy



CISQ is the Italian Federation of management system Certification Bodies



Certificate

of Participation in Proficiency Testing

Calibration of Digital Gas Pressure Gauge
up to 20 bar

NPTL-FPIG-6-18

Organized by

National Proficiency Testing Laboratory - NPTL
National Institute of Standards –NIS

Participant Lab

Egyptian Engineering and Scientific Services- EESS Lab.
Egyptian Engineering and Scientific Services - EESS, Egypt
Lab. Code:3

The lab has Participated in This Proficiency Testing Scheme
This Scheme was organized according to the requirements of ISO/IEC 17043:2010

For more details, see the attached report No.1, Code NPTL-FPIG-6-18

NPTL Head

Assoc. Prof. Dr. Hala Abd El Megeed

Issue date: 27 / 2 / 2019



NIS President

Prof. Dr. Mohamed A. Amer

Tersa Street, El Harm Giza, Egypt.P.O.Box-136 Giza, Code No.12211

Tel/Fax: 33829446 – Email: nis_ptl@yahoo.com



Proficiency Testing
CAB #716002



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CISQ /RINA has issued an IQNet recognized certificate that the organization:

EGYPTIAN ENGINEERING AND SCIENTIFIC SERVICES

27 ZOHNY ST, OFF RAMSIS STREET, EL-ZAHER CAIRO EGYPT

in the following operative units:

27 ZOHNY ST, OFF RAMSIS STREET, EL-ZAHER Cairo EGYPT

*has implemented and maintains a
Quality Management System
for the following scope:*

CALIBRATION SERVICES, CLEAN ROOM QUALIFICATION, EQUIPMENT VALIDATION (INSTILLATION QUALIFICATION ,OPERATIONAL QUALIFICATION), TEMPERATURE AND RELATIVE HUMIDITY MAPPING, AND STERILIZERS THERMAL VALIDATION

which fulfills the requirements of the following standard:

ISO 9001:2015

Issued on: 2018-04-10

First Issued on: 2018-04-10

Expires on: 2021-04-09

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration Number: IT-116679



Michael Drechsel

President of IQNET

IQNet Partners**:

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Ing. Claudio Provetti

President of CISQ

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** The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com



Certificate

of
Participation in Proficiency Testing

Calibration of Thermocouple Type K with digital
Temperature indicator in Temperature
Range from -30 °C to 650 °C
NPTL-TCK-1-20

Organized by
National Proficiency Testing Laboratory - NPTL
National Institute of Standards -NIS

Participant Lab

EESS Lab.
Egyptian Engineering and Scientific Services, Egypt

Lab. Code: 6

The lab has Participated in This Proficiency Testing Scheme
This Scheme was organized according to the requirements of ISO/IEC 17043:2010

For more details, see the attached report No.1, Code NPTL-TCK-1-20

NPTL Head

Assoc. Prof. Dr. Hala Abdel Megeed



NIS President

Prof. Dr. Noha E. Khaled

Tersa Street, El Harm Giza, Egypt P.O. Box-136 Giza, Code No.12211
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Proficiency Testing CAB #716002
Issue date: 24 / 8 / 2020

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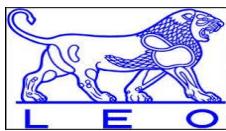
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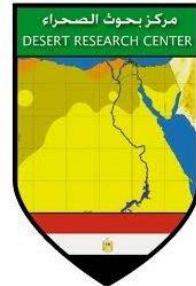


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