

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 00

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



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, Dimentional, 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

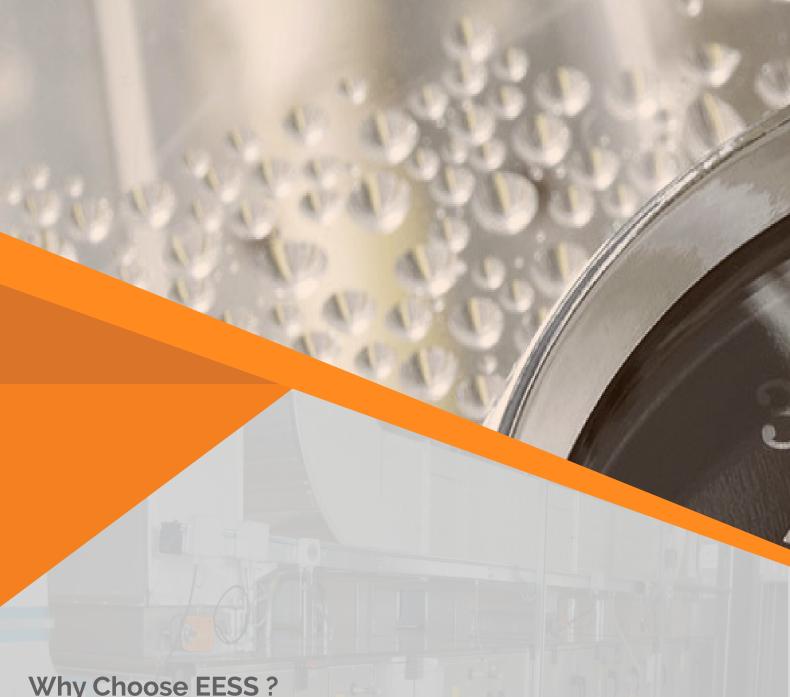
- Projects delivered with high level of Project Management and Scheduling
- Complete Validation Documentation (IQ, OQ, PQ,...)
- Comprehensive Calibration Certificates with as-found and as -left data
- Cleanroom Test reports can be customized to customer specification

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 Profissional Report
- Distribution and Penetration Studies with Hot and Cold Points Detectinglation
- Sterilization Period Calculation (Min , Max , Time,...) withLethality 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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الخدمات الفنية التيتقدمها الشركة المصرية للخدمات العلمية والهندسية

الشركة المصرية للخدمات العلمية و الهندسية تقدم خدمات المعايرة والقياسات و التحقق من الصلاحية واختبارات الغرف النظيفة لمناطق تصنيع الادوية والمستلزمات الطبية و الصناعات الغذائية وصناعات اخرى و دراسات التوزيع الحرارى للمخازن والثلاجات وكل مناطق التخزين كمان سيارات نقل الادوية , شركتنا بتستخدم احدث الاجهزة والعنظمة 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 والمعايرة وأنظمة الرصد البيئي , الشركة المصرية للخدمات العلمية والهندسية حاصلة على شهادة ايزو 9001:2015 في كل المجالات والخدمات اللى بتقدمها ,شركتنا بتتميز بدعمها للعملاء وبسرعة تنفيذ طلباتهم في مواقعهم و توصيل شهادات المعايرة او تقارير الاختبارات في اسرع وقت ممكن بدون تعقيد او تأخير . شركتنا هي مقدم الخدمة المتكامل اللى انت بتدور عليه اللى هتقدملك كل اللى انت محتاجة وبدعم فني متميز وفي وقت قياسي.



معايرة اجهزة القياس

نقدم خدمات المعايرة لاجهزة قياس درجة الحرارة ، الضغط ، فرق الضغط ، الرطوبة النسبية ، تدفق الهواء،Conductivity

- ، PH ، الكتلة ، القوة ، الصلابة ، العزم ، سرعة الدوران، الوقت
- ، الاطوال ، الكهربائية ، الحجوم ، اجهزة الكشف عن المعادن
- ، والمزيد ...* تبع المعايرات التي يتم إجراؤها إلى المعهد الوطني للمعايير والتقنية (NIST) وتفي بمتطلبات 17025 ISO



خدمات اختبار و التحقق من المناطق والمعدات النظيفة وفقًا لمعايير GMP و ISO 14644. الاختبارات تشمل: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 والرطوبةفي الغرف النظيفة أختبار اتجاه الهواء وتوزيعه ,أختبار وقت الاستعادة للغرف النظيفة بعد تلوثها أختبار سم عة الهواء

OUR COMPLETE PROJECT SOLUTIONS



اختبار ودراسة التوزيع الحراري

تغطي خدمات التحقق من التوزيع الحراري أجهزة التعقيم والأفران والأنفاق واجهزة التعقيم بغاز الايثيلين والحاضانات وغرف الثبات والمخازن

وفقًا لأنظمة HTM و WHO و cGMP و ISO باستخدام أنظمة التحقق من الصحة التى تتوافق مع FDA 21CFR part11



التحقق من كفاءة المعدات والانظمة

تشمل خدمات التحقق من الكفاءة إعداد وتنفيذ بروتوكولات IQ و QQ و PQ للمعدات المخبرية وأنظمة المرافق والمعقمات وخطوط الإنتاج ، وأيضًا لأنظمة الكمبيوتر طبقا لمتطلبات عملائنا و GLP / GMP.



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معيل القياس والمعايرة - خدمات المعايرة منEESS

من نخر، EESS ؟

الشركةالمصريةللخدماتالعلمية والهندسية مقدم لخدماتالقياس والمعايرةمنذ عام 2013 فيرمصر والشرقالاوسط لمجموعة واسعةمزالأجه نعمل مع كبرى الشركات في مجالات عدة مثل الصناعات الدوائية والمستلزمات الطبية والصناعات الغذائية.

أسعارنا تنافسية للغابة وأوقات التسليم لدبنا ممتازة

شهادات المعايرة لديناً شاملة وتشمل البيانات قبل وبعد المعايرة بالإضافة إلى معايير النجاح / الفشل وبيان موجز عن الطريقة المستخدمة تتبع المعامرات التي شم إجراؤها إلى المعهد الوطني للمعابير والثّقنية (NIST) وتفيّ بمتطلبات 17025 ISO تم أعدادٌ خدماتُ المعابِرة من أجل زيادة كفاءة وفاعليَّة عملائنا من خلال تحسين دِقة الأدوات وأداء المعدات. يتُم تدريب مهندسي خدمة EESS على توفير خدمات معابرة دائمة في الموقع وفقًا للوائح ISO ومعابير الصناعة

ما المعايرات التي تقدمها لك EESS ؟

نقدم خدمات المعايرة لاجهزة قياس درجة الحرارة ، الضغط ،فرق الضغط ، الرطوبة النسبية ، تدفق الهواء ، conductivity ، ÞH ، الكتل ، القوة ، الصلابة ، العزم ، سرعة الدوران الوقت ، الاطوال ، الكهربائية ، الحجوم ، الكشف عزالمعادن والمزيد ...

معمل معايرة الحرارة



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

معمل معاب ة القو ة



Calibration of Compression machine Calibration of Torque Calibration of Hardness machine

Calibration of Chart Recorder

ب بهكااة بياحه لمحم



Calibration of Multimeter Calibration of Multifunction ELECTRICAL Calibration of Resistance Box

معمل معايرة المتنوعة

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



Calibration of Pressure gauges Calibration of Differential Pressure Calibration of Vacuum gauges PRESSURE 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 والموء



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

ا , معاب ة الاطوال



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



Clean Rooms & HVAC system Validation

التحقق من صلاحية الغرف النظيفة وانظمة التهوية والتكييف

نحزالشركة المصرية للخدمات العلمية والهندسية بمعرفتنا الفنية وخبرتنا في خيار الغرف النظيفة إلى التزامنا الراسخ بالجودة وأعلى معايير خدمة العملاء، توفر لعملائنا نتائج اختبار غرفة نظيفة موثوقة ودقيقة وموثقة ، مما يضمز الأداع الأمثل لها ، والتوثيق التنظيم والتوافق مع الجودة ، و تقليل وقت التشغيل .

CLEAN ROOM TESTS ؟ EESS ما الاختبارات التي تقرمها لك HEPA filter integrity testing
Non-viable particulate Counting
Air flow volume and Room air change rates

Air Pressure Difference between room

Temperature and humidity measurement

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 والرطوبةفي الغرف النظيفة أختبار اتجاه الهواء وتوزيعه أختبار وقت الاستعادة للغرف النظيفة بعد تلوثها أختبار سرعة الهواء

Our Validation Services According to Inernational Standards

ISO 14644 Clean room and associated environment

Federal standard FED-STD 209E

USP 797 ,Pharmaceutical Compounding – Sterile preparation

EU GMP

We Provide Qaualification
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.

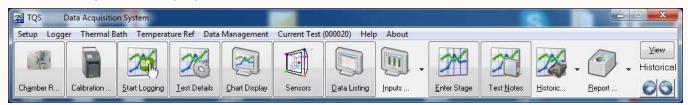
We Let you Know all you need from our Study Report With Clear Thermal Validation Reported contain Calibration Report and Calibration Check Report - Cycle Analysis - Cycle Mapping Supported With Chart , Chart Zoom , Sensor positioning , Data list - Data list Calculations , and finally you will find Thermal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

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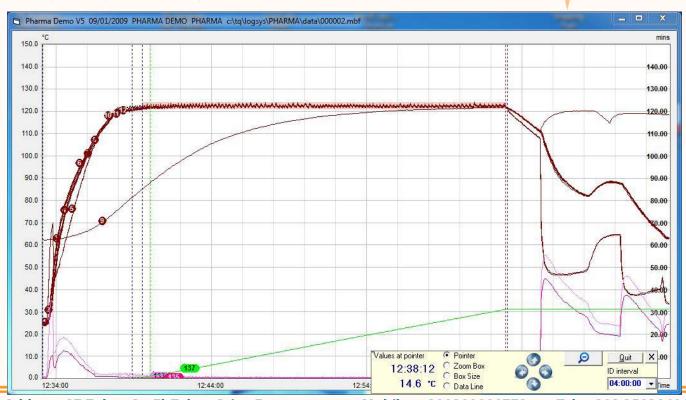
TQSoft has all the features essential for process monitoring!

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



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Ultra Flexible Data List Matrix

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.

Use Custom Logo Size of report is determined by user PHARMA DEMO Page 1 of 7 choice. Each "stage" duration has Cycle No. 000011 24/01/2007 Serial No. PHARMA 23:02:09 independent data listing frequency c:llogsys/PHARMA\data\00001 Emectronic Signature control to 1 second resolution. The Manufacturing Site Pharma Demo V5 Test Person: Date dd/mm/yyyy Sign Tmp 3 Tmp 4 Tmp 5 Options to include any Calculation from °C °C Mx-Mn Avg-mn Cycle Started TQS unique 'I-Calc' feature. 23:02:10 25.3 24.3 38.0 24.6 24.4 25.1 24.3 24.7 62.3 24.7 24.7 24.9 3.5 24.8 0.00 0.00 0.00 0.00 0.00 0.00 0.00 75.3 88.7 75.7 85.6 88.4 87.7 86.0 86.4 85.8 80.1 85.0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Stage time events displayed with 114.0 113.6 114.1 112.6 114.2 114.2 113.1 113.9 113.1 113.6 39.1 selectable summary intervals! 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Equilibr 23:07:46 41.2 36.5 119.5 120.5 121.5 119.5 119.7 120.3 119.8 120.0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 23:07:52 36.6 120.7 120.9 120.2 120.9 120.5 121.0 120.4 120.8 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 23:07:58 Lethality Start: 121.2 23:07:58 122.4 121.0 120.5 120.9 120.8 120.4 41.3 36.5 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 120.4 120.6 121.4 120.5 120.6 120.7 35.6 **Display selected calculations!** 0.12 0.10 0.10 0.09 0.11 0.10 0.10 0.10 0.10 0.09 0.10 35.3 120.8 121-2 39.3 0.19 0.20 0.19 0.18 23:08:16 122.4 120.7 120.8 34.6 0.36 0.31 0.27 0.36 0.28 0.31 0.27 0.30 0.28 0.29 0.28 120.6 120.7 120.8 34.1 0.38 23:08:28 121.2 120.9 34.0 122.7 121.5 121.3 120.9 122.4 121.5 121.5 121.6 38.3 0.49 0.48 0.62 0.49 0.48 0.51 120.9 0.56 0.59 0.59 0.58 0.62 **Insert any Calculations (I-Calcs)!** 23:08:36 Sterilisation Start: 121.1 °C Min Sensor Overall: 85.0 °C (Tmp 9) 23:08:46 32.7 122.4 1.00 0.85 0.77 0.85 0.80 0.84 0.76 0.99 0.81 0.80 32.3 23:08:56 121.8 121.9 38.4 1.00 0.98 0.95 1.04 23:09:08 23:09:08 Max Deviation All Sensors: 0.7 23:09:08 **Option to show lethalities!** 23:09:16 121.5 30.2 121.7 121.4 121.9 121.8 33.2 1.67 1.42 1.30 1.64 1.39 1.37 1.44 1.45 121.4 121.4 121.2 121.7 121.4 121.7 1.56 1.62 1.49 1.65 1.59 23:09:34 **Configurable colours for** 23:09:34 121.6 121.4 121.7 121.4 121.3 121.2 121.5 121.5 121.8 121.6 121.6 31.4 28.5 1.64 2.03 1.75 1.68 1.82 values above each limit! 23:09:38 Min Sensor 3: 121.5 °C (Tmp 3)

- List up to 128 channels!
- Stage event logging
- Configurable user colours
- Temperature summary
- Calculated value display
- Logs up to 128 channels
- Location of max/min

 Lethality management Include or exclude sensors

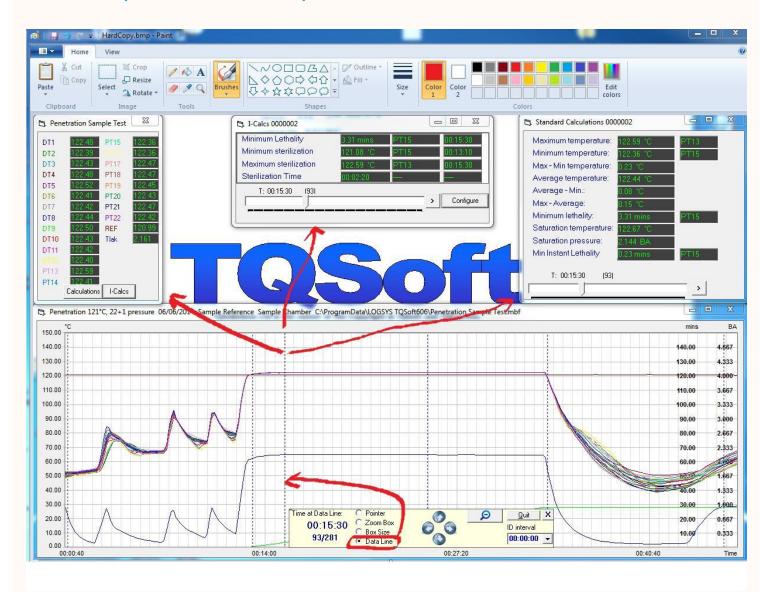
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Tel: +202 25938606

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



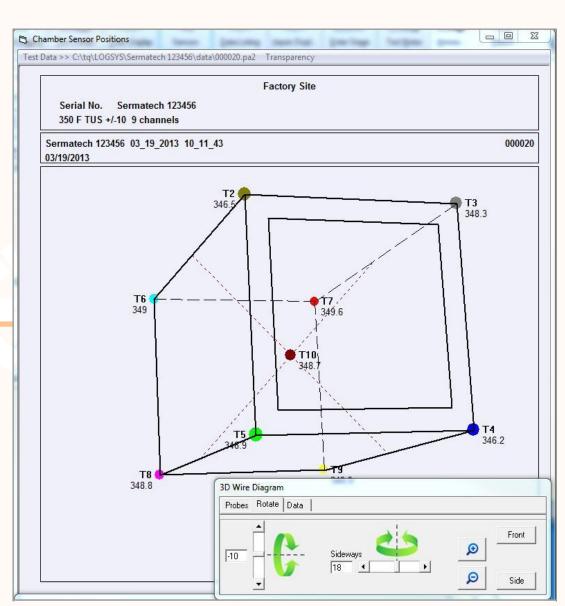
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TQSoft now allows validation engineers to setup and manage a 3D wire diagram of the chamber space!

- 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.



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Thermal Validation for Autoclaves:

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

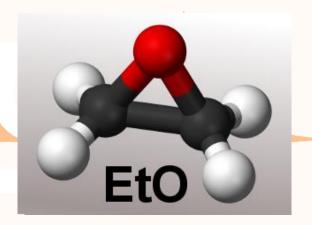
- **Heat Distribution and Penetration Study**
- Cold and Hot Points Detecting
- Sterilization Period Calculation (Min, Max, Sterilization Time)
- Lethality Calculations



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**



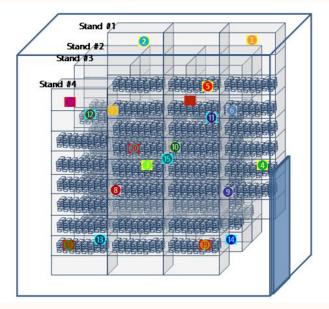
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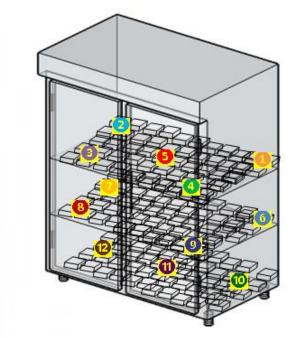
TEMPERATURE MAPPING FOR WAREHOUSES:

- 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 managemen System Certification in the world. IQNet is composed of more than 30 bodies and counts over 150 subsidiaries all over the globe.

For information concerning validity of the certificate, you can visit the site

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

www.rina.org

system scope

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

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







www.cisq.com





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





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:

Secularel

IT-116679



Michael Drechsel

President of IQNET



Ing. Claudio Provetti

President of CISQ

IQNet Partners**:

AENOR Spain AFNOR Certification France Vinçotte Belgium APCER Portugal CCC Cyprus
CISQ Italy CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia IMNC Mexico Inspecta Certification Finland INTECO Costa Rica
IRAM Argentina JQA Japan KFQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland PCBC Poland
Quality Austria Austria RR Russia SIGE México SII Israel SIQ Slovenia SIRIM QAS International Malaysia
SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serbia
IQNet is represented in the USA by: AFNOR Certification, CISQ, DQS Holding GmbH and NSAI Inc..

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

** 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

Tel/Fax: 33829446 - E: nis ptl@yahoo.com

lac-MRA



Proficiency TestingCAB #716002 Issue date: 24 / 8 / 2020



| Compan | y Name | Company Address |
|--|--------------------------------|---|
| Novartis Pharma S.A.E | NOVARTIS PHARMACEUTICALS | El Sawah st. , El Amiria , Cairo , Egypt |
| Danone Egypt | DANONE | El Obour City- Egypt |
| Chipsy Egypt | Emirin | 6th of October – Egypt |
| BERICAP Egypt JSC | BERICAP | 6th October City - Egypt |
| Egyptian Meat Processing Co Mitco | Milco | 6th of October City- Egypt |
| Egyptian Company for freezing and beef processing (Faragalla) | FARAGALLA | Burg Al Arab City-Alexandria-Egypt |
| Egyptian Company for food Development (Faragalla) | FARAGALLA | Burg Al Arab City-Alexandria-Egypt |
| Egyptian Company for Food (Faragalla) | FARAGALLA FOOD INDUSTRIES | Burg Al Arab City-Alexandria-Egypt |
| The Nile Company for Pharmaceuticals and Chemical Industries | NILE | El Sawah Sq., El Amireya, Cairo- Egypt |
| Eva Pharma | EVAPHARMA Securing Your Health | Giza- Egypt |
| Delta Pharma | DELTA PHARMA | 10 th of Ramadan City - Egypt |



| Company | y Name | Company Address |
|--|---|--------------------------------------|
| FMC Egypt | FRESENIUS MEDICAL CARE | 10th Of Ramadan City-Egypt |
| OTSUKA Egypt (Ateco Pharma Egypt previously) | Otsuka | El Obour City- Egypt |
| EG Med company | MEDICAL SYSTEMS | 10th of Ramadan city –Egypt |
| ALLMED Middle East (Haidylina for Advanced Medical Industries previously) | Allmed | 6th of October – Egypt |
| Taisier-Med | TAISIER-MED SAE Surgical Sutures & Mesh | El Obour City- Egypt |
| Medical Union Pharmaceutical-MUP | MUP | Abou Sultan - Ismailia |
| IBNSINA Pharma | IBN Pharma SIN/ابن سینا قارب RIGHT ON TIME | El Obour City- Egypt |
| EMC ² Egypt | EMC ² | New Cairo- Egypt |
| Mentor Graphics | aMenier | Nozha St., Heliopolis, Cairo – Egypt |
| General Electric (GE) Egypt | (ge) | New Cairo - Egypt |
| Ain Sudan Pvt. Ltd | 9 | Khartoum - Sudan |



| Company | Name | Company Address |
|---|-------------------------------|------------------------------------|
| BASH Pharma | BASH | Khartoum - Sudan |
| International Sutures Manufacturing Company | ISMC | km 17.5 Cairo-Belbis Road- Egypt |
| Egyptian Medical Services Co. (EMS) | Egyption Medical Services Co. | Sheraton , Heliopolis, Cairo-Egypt |
| LEO Scientific Office | L E O | New Cairo - Egypt |
| ALDWALI FACTORY FOR STERILIZR SUTURES | - Decou | Khartoum-Sudan |
| Multi care Egypt for Pharmaceutical Industries | MULTI (are | New Cairo- Egypt |
| Grand Pharma | Grand Pharma | 10th Of Ramadan City - Egypt |
| KABOmed for Medical Industries | каво <mark>med</mark> | 10th of Ramadan City- Egypt |
| Egyptian International Comp Manufacturii | | El Zawamel Industrial Zone - Egypt |
| United Group for Production of Medical Necessities (Alphamedica) | Alpha Medica | 10th of Ramadan City -Egypt |
| New Alfa for Production of Medical Necessities | Veo Allo | 10th of Ramadan City -Egypt |



| Comp | any Name | Company Address |
|---|--|---|
| Royal Link Pharma | Royal Link Pharma | Dkahliya - Egypt |
| Unimed Pharmaceuticals | Unimed Pharmaceuticals | Khartoum -Sudan |
| CLIMAX for Drugs | | Khartoum -Sudan |
| Redachem Egypt Ltd. | REDA | 10th of Ramadan City -Egypt |
| Logistic Pharma LTD Co. | LOGISTIC Pherma Services | Tamooh, Giza |
| Mifad – Misr Food Additives | MIFAD "We add little, to change a lot" | Badr City |
| Halayeb Co. For Dairy Products & Juice | Halayeb | Industrial zone , new Damietta , Damietta. |
| Misr-France for Production of Medical Necessities | MISSE - TRANCE POR PROJECTION OF HERMCLE. NECESSITIES | Assiut - Egypt |
| Novo Nordisk Scientific Office | novo nordisk | New Cairo |
| International Company For medical Industries- ICMI | Company For Medical Manager State of the Sta | Abo Rawash, Giza |
| DBK Pharma | | Obour city industrial zone |
| Weiser Pharma | Phone State of the | Obour city industrial zone |



| Compa | ny Name | Company Address |
|---|--|--|
| Pharma Swede - Egypt | PHARMA SWEDE - EGYPT | 10th of Ramadan City |
| National Vegetable Oil Company - Cargill | Cargill | Borg El Arab City - Alexandria - Egypt |
| Children's Cancer Hospital Egypt 57357 | 57357 مشاهرة قسية و 57357 مسرطان الأطفاء المسلمة و Children's Cancor Hospital Foundation | El-Saida Zenab |
| Covidien | Medtronic COVIDIEN | Sheraton Buildings , Heliopolis , Cairo |
| EUROPEAN AMPOULES CO. | E.A.C. | 6 October City, EGYPT |
| GSK Egypt | gsk | GIZA,EGYPT |
| El Obour Modern Pharmaceutical Industries | Opi Pharma | El Obour City - Cairo - Egypt |
| Egyptian Modern Company for Food Industries(Honey Well) | Honey Well | 10th of Ramadan , Al-Sharkeya, Egypt |
| Danone Farm | DANONE | Markaz Abu Al Matamir, El Beheira Governorate |
| IDI Pharmaceutical | IDI | East Port Said - Western Port of the Part No. (2) Slide (A) Port Said |



| Compa | ny Name | Company Address |
|--|--|---------------------------------------|
| For Import & Export - S.A.E | Capital Agro For Import & Export S.A.E. www.capitalogro.com.eg | Dokki, Giza, Egypt |
| الطيب لصناعة الالبان | اطيب | جمصة المنطقة الصناعية |
| الشركة المصرية لحفظ وتبريد الخضروات والفاكهة | EL MISRIA ° | El Obour City - Cairo – Egypt |
| EL Fayum Food Industries Company (ELWADY) | Salgal) | Faiyum Governorate |
| Alexandria Company For Pharmaceuticals And Chemical Industries | شركة الإسكندرية للأدوية والصناعات الكيماوية | Al awayed, Alexandria |
| National Co. For Packaging Industries - NATPACK | NATPACK Member of Weener | El Obour City - Cairo — Egypt |
| Al Badr For Investments - FROZENA | FROZENA AL Badr For Investments www.frozenafoods.com | Wadi Al Natron - Beheira - Egypt |
| Lorenz Snack World Egypt SAE | Lorenz Snack-World Egypt SAE a company of alexander nut group | Port Said, Egypt |
| Green Fields | Green Fields | Kafr El Sheikh Governorate - Egypt |
| Holw Elsham | POLÍU EL SHAM | 6th Of October - Egypt |



| Compa | ny Name | Company Address |
|---|--|-----------------------------------|
| Wattania for Advanced Food Industries, Egypt | DONA | Obour City, Egypt |
| Uniswab | Uniswab | Obour City, Egypt |
| Misr international for Plastic Industries Co. MIPCO | MIPCO | 10th of Ramadan City , Egypt |
| Arab Factory for Drugs | مصنع العربية للأدوية Arab Factory For Drugs | Khartoum , Sudan |
| مؤسسة النيل للتجارة الدولية | N.E. ESTANCIONAL TOD | طريق اسكندرية الزراعي - القليوبية |
| DulexLab | Dulex Lab | 10th of Ramadan City , Egypt |
| Oryx Land For Food Industries. | The san tood day | 10th of Ramadan City , Egypt |
| Nassera group | NASSERA G R O U P | Obour City, Egypt |



سابقة اعمال الشركة حتى تاريخ يناير 2020



Egyptian Engineering and Scientific Services Company

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