



## 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

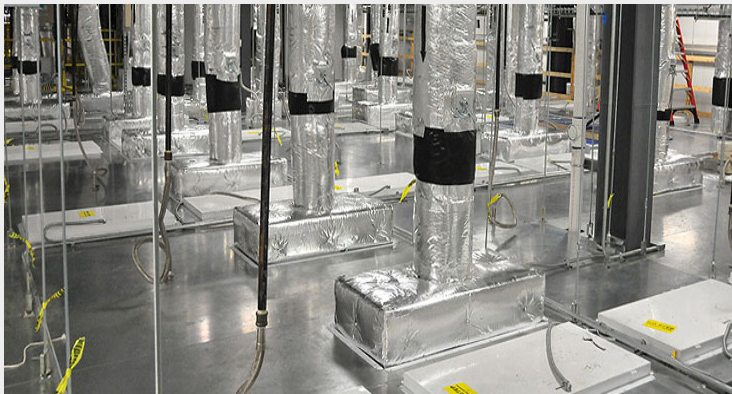
Thermal Validation Services covers Autoclaves, ETO Sterilizers, Ovens, Tunnels, Incubators, Stability Chambers, Cold stores and warehouses according to HTM, WHO, cGMP, and ISO Regulations using validation systems comply with FDA 21CFR part11



### 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

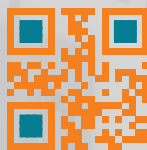
- CFR21 Part 11 compliant software easy , detailed and Professional Report
- Distribution and Penetration Studies with Hot and Cold Points Detecting
- Sterilization Period Calculation ( Min , Max , Time,...) with Lethality Calculations
- Highly Explained Mapping and Loading Pattern





## 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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# الخدمات الفنية التي تقدمها 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 الحراري للمخازن والتلاجات 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 بأسعار تنافسية في اكر 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 تاخير . شركتنا هى مقدم الخدمة المتكامل اللى انت بتدور عليه اللى هتقدمك كل اللى انت محتاجة وبدعم فنى متميز وفى 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 ، الحجم ، اجهزة الكشف عن المعادن ، والمزيد ...\* تبع المعايير التي يتم إجراؤها إلى المعهد الوطني للمعايير 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 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



## اختبار ودراسة التوزيع الحرارى

تغطي خدمات التحقق من التوزيع الحراري أجهزة التعقيم والأفران والأنفاق واجهزة التعقيم بغاز الايثيلين والحاضانات وغرف الثبات والمخازن وفقاً لأنظمة HTM و WHO و cGMP و ISO باستخدام أنظمة التحقق من الصحة التي تتوافق مع FDA 21CFR part11



## التحقق من كفاءة المعدات والانظمة

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

## OUR COMPLETE PROJECT SOLUTIONS



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



الشركة المصرية للخدمات العلمية والهندسية مقدم لخدمات القياس والمعايرة منذ عام 2013 في مصر والشرق الاوسط لمجموعة واسعة من الأجهزة تعمل 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 معايير النجاح / الفشل وبيان موجز عن الطريقة المستخدمة تتبع المعايير التي يتم إجراؤها إلى المعهد الوطني للمعايير والتقنية (NIST) وتفي بمتطلبات ISO 17025

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

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

## ما المعايير التي تقدمها لك EESS ؟

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

### معمل معايرة الحرارة



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 الضغط



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 القوة



Calibration of Compression machine  
Calibration of Torque  
Calibration of Hardness machine

### معمل معايرة الكتل والموازين



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



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

### معمل معايرة الكهرباء



Calibration of Multimeter  
Calibration of Multifunction  
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



## التحقق من صلاحية الغرف النظيفة و أنظمة التهوية والتكييف

نحن الشركة المصرية للخدمات العلمية والهندسية بمعرفةنا الفنية وخبرتنا في اختبار الغرف النظيفة بجانب التزامنا الراسخ بالجودة وأعلى معايير خدمة العملاء ، توفر لعملائنا نتائج اختبار غرفة نظيفة موثوقة ودقيقة وموثقة ، مما يضمن الأداء الأمثل لها ، والتوثيق التنظيمي والتوافق 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.

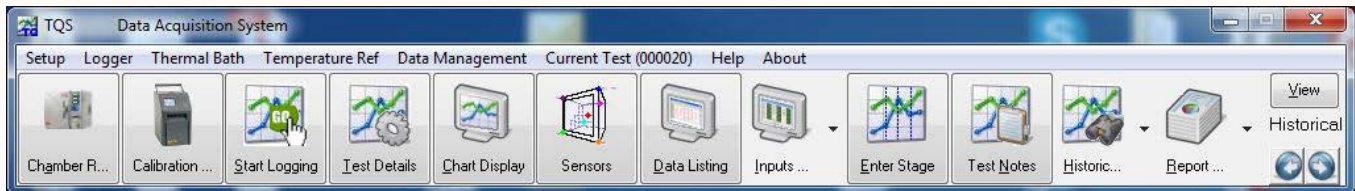
Operators can view in real time any or all parameters being measured with both graphical and digital displays.

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

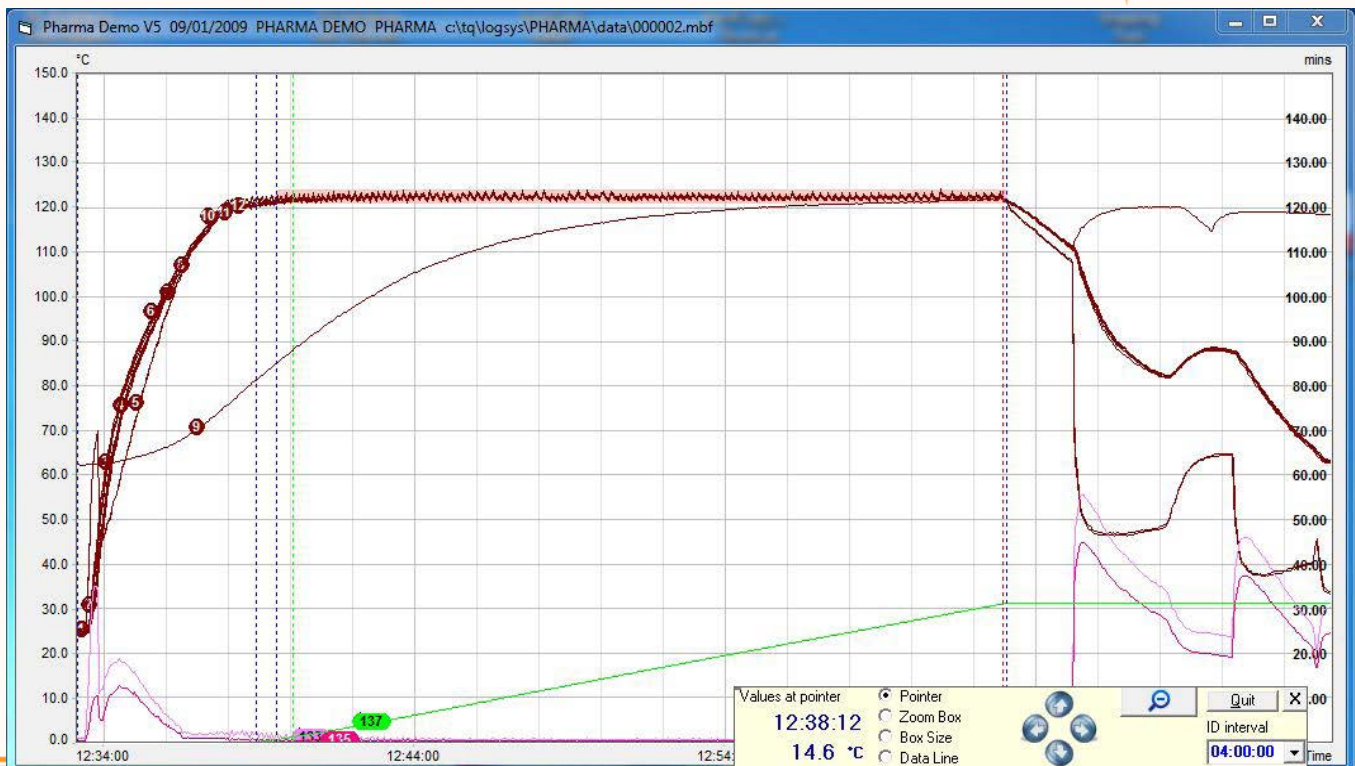
**TQSoft has all the features essential for process monitoring!**

### 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 lethalties!**

**Configurable colours for values above each limit!**

**List up to 128 channels!**

**Use Custom Logo**

PHARMA DEMO

Cycle No. 000011

Serial No. PHARMA

c:\logsys\PHARMA\data\000011.mbf

Pharma Demo V5

TQSoft

Electronic Signature

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24/01/2007

23:02:09

The Manufacturing Site

Test Person:

Sign

Date

dd/mm/yyyy

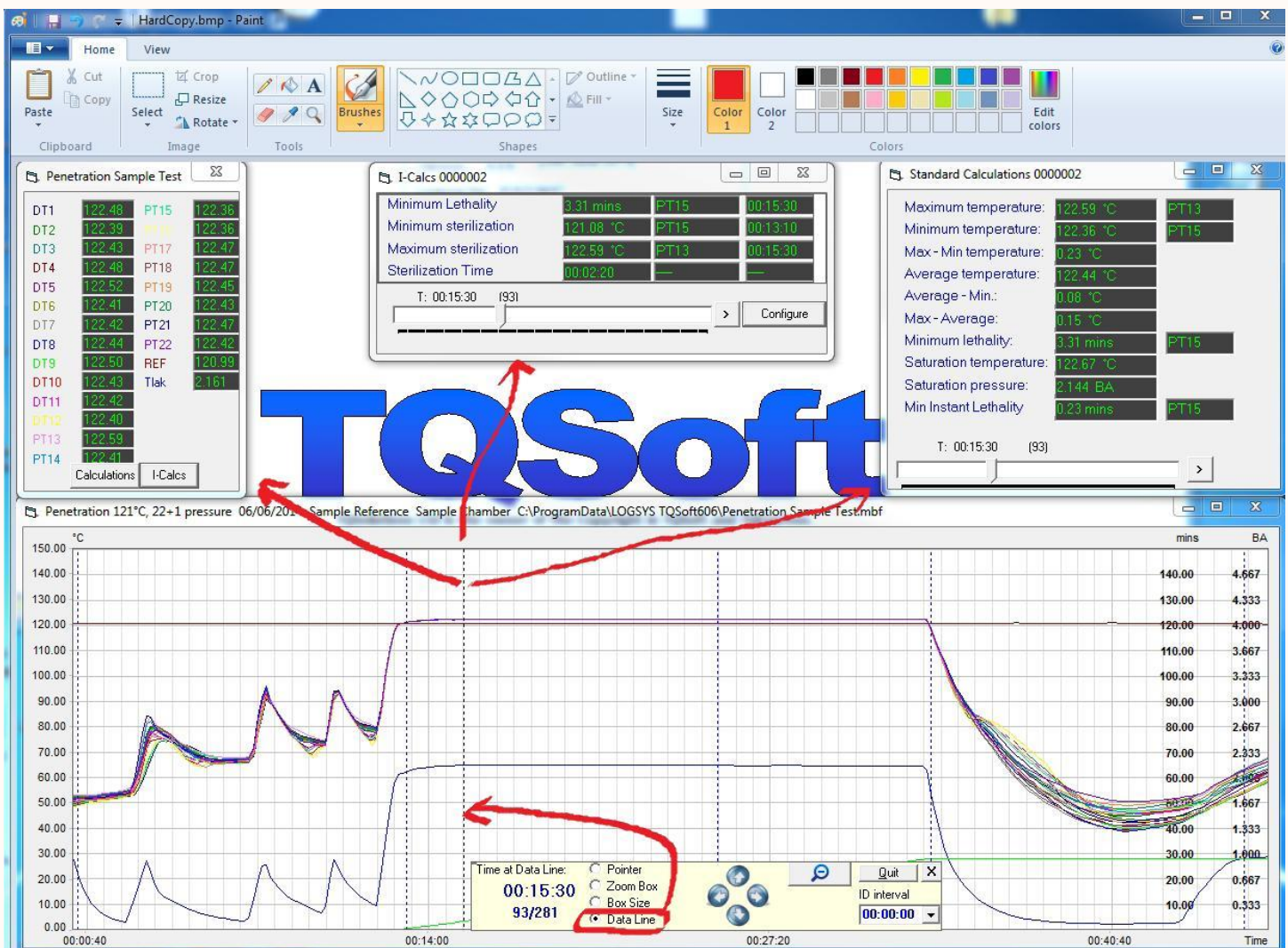
Time	Tmp 1	Tmp 2	Tmp 3	Tmp 4	Tmp 5	Tmp 6	Tmp 7	Tmp 8	Tmp 9	Tmp10	Tmp11	Tmp12	Calculations	
	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	Max-Min	Avg-mn
23:02:00	Cycle Started													
23:02:10	25.3	24.6	24.4	24.3	25.1	24.3	24.8	24.7	62.3	24.7	24.7	24.9	38.0	3.6
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		
23:04:10	75.3	86.4	88.7	85.8	75.7	89.1	86.0	85.6	64.3	88.4	87.7	88.0	24.8	18.9
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		
23:06:10	114.0	113.6	114.1	112.6	114.2	114.2	113.1	113.0	70.9	113.9	113.1	113.6	43.3	39.1
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		
23:07:40	Equilibration Start													
23:07:48	121.0	119.5	120.5	119.8	121.5	120.0	119.5	119.7	80.3	120.3	119.8	120.0	41.2	38.5
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		
23:07:52	121.8	120.7	120.9	120.2	121.4	120.9	120.6	120.6	80.9	121.0	120.4	120.8	40.9	38.6
	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 °C													
23:07:58	122.4	121.0	121.0	120.6	122.7	121.2	120.9	120.8	81.4	121.0	120.4	121.3	41.3	38.5
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		
23:08:04	121.2	120.4	121.1	120.6	121.4	120.5	120.4	120.6	82.0	121.1	120.8	120.7	39.4	35.6
	0.12	0.10	0.10	0.09	0.11	0.10	0.10	0.10		0.10	0.09	0.10		
23:08:10	122.0	121.0	121.3	120.7	121.6	121.1	121.0	121.0	82.7	121.3	120.8	120.9	39.3	35.3
	0.25	0.19	0.20	0.18	0.26	0.20	0.19	0.19		0.21	0.18	0.20		
23:08:16	121.7	120.6	121.0	120.5	122.4	120.7	120.5	120.6	83.2	120.8	120.4	121.0	39.2	34.6
	0.36	0.28	0.31	0.27	0.36	0.29	0.28	0.28		0.31	0.27	0.30		
23:08:22	121.3	120.6	121.1	120.7	121.0	120.7	120.7	120.8	83.7	121.2	120.8	121.0	37.6	34.1
	0.48	0.38	0.41	0.37	0.48	0.39	0.38	0.38		0.41	0.37	0.40		
23:08:28	122.7	121.5	121.3	120.9	122.4	121.5	121.5	121.2	84.4	121.3	120.9	121.6	38.3	34.0
	0.61	0.49	0.51	0.46	0.62	0.50	0.49	0.48		0.52	0.46	0.51		
23:08:34	121.5	120.6	121.2	120.8	121.7	120.7	120.8	120.9	84.8	121.2	120.9	121.0	38.9	33.2
	0.73	0.58	0.62	0.56	0.73	0.59	0.59	0.58		0.62	0.56	0.61		
23:08:36	Sterilisation Start : 121.1 °C (Tmp 4)													
23:08:36	Min Sensor Overall : 85.0 °C (Tmp 9)													
23:08:46	122.7	121.7	121.5	121.2	122.4	121.6	121.7	121.5	86.0	121.5	121.2	121.8	38.7	32.7
	1.00	0.80	0.84	0.78	0.99	0.81	0.81	0.80		0.85	0.77	0.85		
23:08:56	123.3	122.2	121.8	121.5	122.8	122.1	122.3	122.0	86.9	121.9	121.5	122.3	36.4	32.3
	1.22	0.99	1.03	0.94	1.22	1.00	1.00	0.98		1.04	0.95	1.04		
23:09:06	Start Calculations													
23:09:06	Max Deviation All Sensors : 0.7 °C													
23:09:06	122.1	121.7	121.7	121.4	121.7	121.6	121.8	121.7	87.9	121.9	121.6	121.9	34.2	31.0
	1.45	1.18	1.23	1.12	1.43	1.19	1.20	1.18		1.24	1.14	1.24		
23:09:16	121.8	121.7	121.8	121.4	121.5	121.5	121.7	121.7	88.7	121.9	121.6	121.8	33.2	30.2
	1.67	1.37	1.42	1.30	1.64	1.38	1.39	1.37		1.44	1.33	1.45		
23:09:26	122.0	121.2	121.7	121.4	122.2	121.4	121.4	121.4	89.7	121.7	121.6	121.7	32.5	29.3
	1.89	1.58	1.62	1.49	1.86	1.67	1.59	1.56		1.64	1.52	1.65		
23:09:34	Min Sensor 1 : 121.4 °C (Tmp 1)													
23:09:34	121.6	121.4	121.7	121.4	121.3	121.2	121.5	121.5	90.4	121.8	121.6	121.6	31.4	28.5
	2.07	1.72	1.78	1.64	2.03	1.72	1.75	1.72		1.80	1.68	1.82		
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



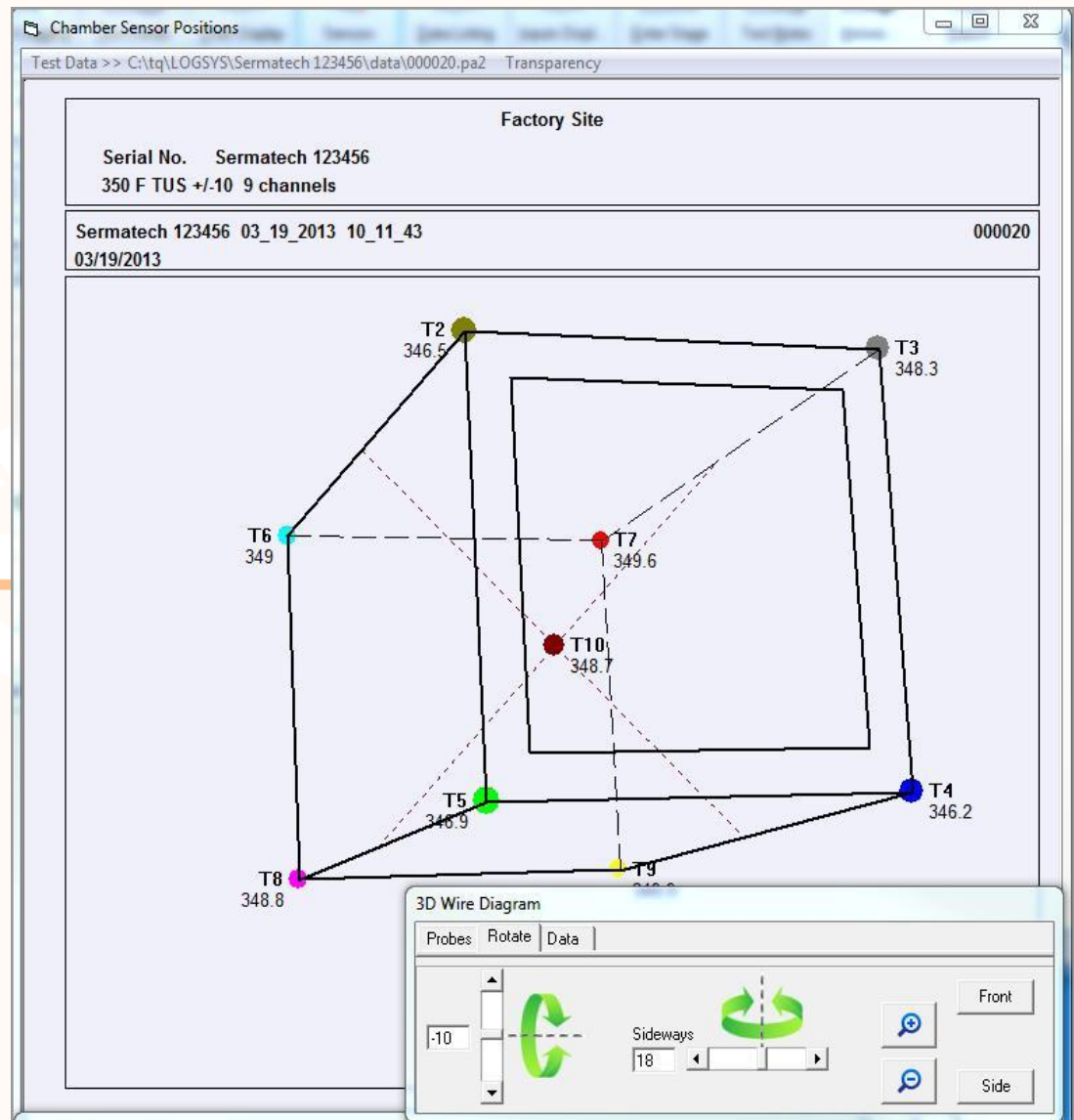
**Now TQSoft can show all its standard calculations and configure I-Calcs in real time!**

- 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!**

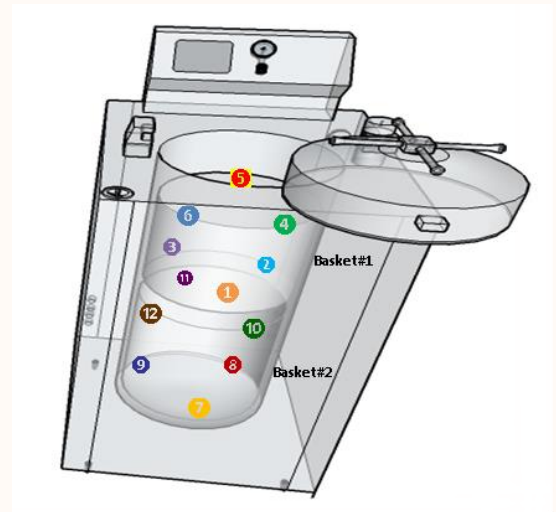
- Drag and drop sensors to their correct position in 3D space
- Completed position diagram can be rotated and magnified
- Option for real time display of measurement values in the diagram
- Option to represent temperature gradients with color shading at each sensor position
- When test is complete the 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

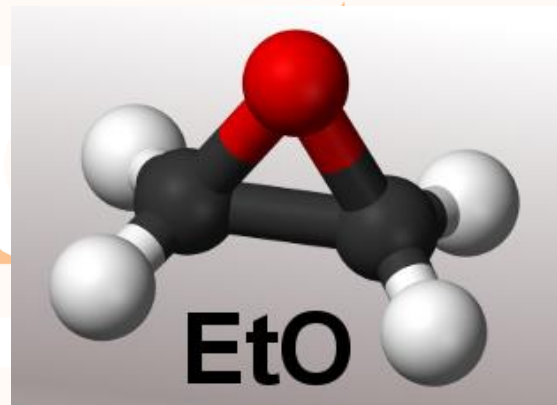
- Heat Distribution and Penetration Study
- Cold and Hot Points Detecting
- Sterilization Period Calculation ( Min , Max , Sterilization Time )
- Lethality Calculations



## 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.

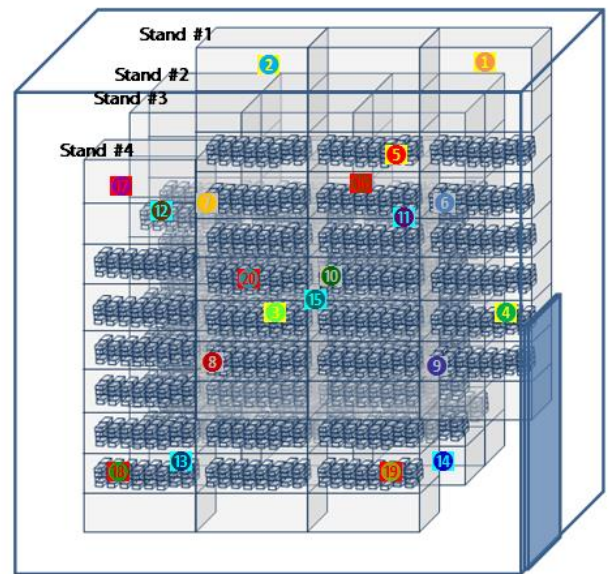
- Heat Distribution and Penetration Study
- Cold and Hot Points Detecting
- Depyrogenation Period Calculation ( Min , Max , Sterilization Time )
- Lethality Calculations





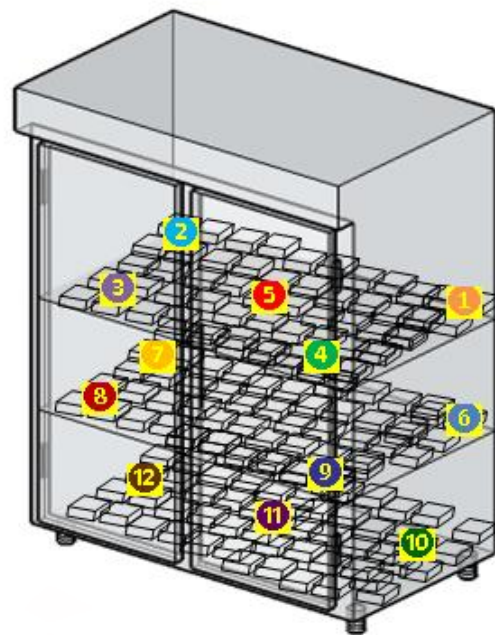
## TEMPERATURE MAPPING FOR WAREHOUSES:

- 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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Website : [www.eess-co.com](http://www.eess-co.com)

Mobile : +201208880773  
Email : [EESSCOMPANY@gmail.com](mailto:EESSCOMPANY@gmail.com)



Accreditation Certificate No. (042101A )

**Arab Republic of Egypt  
Egyptian Accreditation Council (EGAC)**

**Certifies that**

**Calibration Laboratory  
Egyptian Engineering Scientific Services**

**(27) Zohny Street - EL Zaher**

**Cairo Governorate - Egypt**

**ISO/IEC 17025:2017**

**Has been accredited by EGAC in compliance with the requirements of  
In Calibration of Pressure Gauge and Temperature  
Measurement Instrument**

**The scope of accreditation is described in the attached schedule No. (042101 B)**

**Scope Issue No.(01)**

**Issue No. (01): July 30, 2021**

**Valid to: July 29, 2025**

**Subject to continued compliance to the above standard  
and the requirements of EGAC**

**EGAC is an ILAC MRA Signatory in the Field of Calibration, Testing, Medical Labs,  
Proficiency Testing Providers and Inspection Bodies Accreditation**

**Eng. Hany El Desouki**

*Hany El Desouki*

**EGAC Executive Director**



**Nevein Gamea**

**Nevein Gamea**

**Chairman of EGAC  
Minister of Trade and Industry**



*IQNet, the association of the world's first class certification bodies, is the largest provider of management System Certification in the world. IQNet is composed of more than 30 bodies and counts over 150 subsidiaries all over the globe.*

**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 FOR PHYSICAL PARAMETER, THERMAL VALIDATION FOR STORE, COLD STORES, REFRIGERATORS, FREEZERS, COLD VEHICLES, SHIPPING CONTAINERS, STABILITY CHAMBERS, INCUBATORS, OVENS, TUNNELS, ETO STERILIZERS, AND AUTOCLAVES, VALIDATION SERVICES FOR CLEAN ROOMS AND ASSOCIATED CONTROLLED ENVIRONMENT, EQUIPMENT AND SOFTWARE VALIDATION SERVICES (IQ, OQ, PQ) OF PRODUCTION MACHINE AND LAB EQUIPMENT, UTILITIES, AND HVAC SYSTEMS

*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	09.04.2024
Revision date	08.04.2021
Renewal decision date	08.04.2021

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





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 FOR PHYSICAL PARAMETER, THERMAL VALIDATION FOR STORE, COLD STORES, REFRIGERATORS, FREEZERS, COLD VEHICLES, SHIPPING CONTAINERS, STABILITY CHAMBERS, INCUBATORS, OVENS, TUNNELS, ETO STERILIZERS, AND AUTOCLAVES, VALIDATION SERVICES FOR CLEAN ROOMS AND ASSOCIATED CONTROLLED ENVIRONMENT, EQUIPMENT AND SOFTWARE VALIDATION SERVICES (IQ, OQ, PQ) OF PRODUCTION MACHINE AND LAB EQUIPMENT, UTILITIES, AND HVAC SYSTEMS

*which fulfills the requirements of the following standard:*

**ISO 9001:2015**

*Issued on: 2021-04-08*

*First Issued on: 2018-04-10*

*Expires on: 2024-04-09*

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

*CISQ/RINA original certificate no.:* **36459/18/AN**

**Registration Number: IT-116679**



*Alex Stoichitoiu*  
 President of IQNET



*Ing. Mario Romersi*  
 President of CISQ

**IQNet Partners\*:**

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 NYCE-SIGE México PCBC Poland Quality Austria Austria RR Russia SII Israel SIQ Slovenia  
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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](http://www.iqnet-certification.com)

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Egyptian Meat Processing Co. - Mitco



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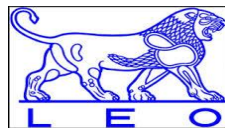
**BASH Pharma**



**International Sutures Manufacturing**



**Egyptian Medical Services**



**LEO Scientific Office**



**ALDWALI FACTORY**



**Multicare Egypt for Pharmaceutical Industries**



**Grand Pharma**



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الطيب لصناعة الالبان



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الشركة المصرية لحفظ وتبريد  
الخضروات والفاكهة



EL Fayum Food Industries  
Company (ELWADY)



National Co. For Packaging  
Industries - NATPACK



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Misr international for Plastic  
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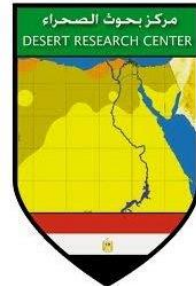


Arab Factory For Drugs  
مصنع العربية للأدوية

**Arab Factory for Drugs**



**DulexLab**



**Desert Research Center –  
Agriculture Ministry**



**Safety Pack for Packing  
Solution**



**Oryx Land For Food  
Industries.**



**Nassera group**



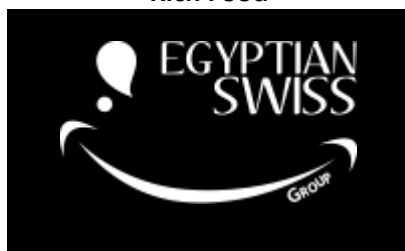
**Rich Food**



شركة القاهرة للإستيراد والتصدير



**Quality Catering Services**



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ريري لغذاء الاطفال



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شركة طنطا موتورز - مصنع ايماجرو



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كليوباترا فود لتصنيع وتعبئة المواد الغذائية

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نسفي للصناعات الغذائية



JTI - Egypt



حبوبة فاميلي للاستيراد والتصدير



المصرية الدولية للمشروبات



ريتاج للصناعات الغذائية المتطورة والتجارة



الندي للصناعات الغذائية



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الاهرام للدواجن



زاكس لإدارة المشروعات

**Egyptian Engineering and Scientific Services Company**

Address : 27 Zhni Street , El-Zaher , Cairo., Egypt

Tel : +20225938606 Mobile : +201208880773

Website: [www.eess-co.com](http://www.eess-co.com)

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