



“We serve you all details you need”



## COMPANY PROFILE

**QTC** Energy Public Company Limited was established in July, 1996 by a group of professional engineers backed by long experience in this field more than 30 years. Our mission is to create a transformer manufacturer offering products that were second to none, and to ensure clients of greater benefit and added value.

**QTC** stands alone as Thailand's leader in the local manufacturing of transformers, using the latest technology and machines and other modernized facilities. Transformers manufactured by QTC are superior in quality, reliability and advanced technology. The company is operated and accredited from various independent international standard organizations such as ISO9001, ISO14001, ISO45001 and IEC17025.

**QTC** has initiated and devoted themselves to consistent and ongoing research and development to ensure the most advanced and superior quality products. QTC Transformers have passed stringent Short Circuit Withstand Tests conducted by CESI Italy and KEMA Netherland. This is why we call the company QTC - Quality Transformer Company

### VISION

The commitment to being a leader in innovation and sustainable energy through advanced technology.

### MISSION

1. Being part of the transition to clean energy through the best technologies and energy solutions.
2. Advancing AI capabilities to ensure their optimal application and the greatest possible benefit.
3. Operating with unwavering responsibility toward the environment, society, and governance (ESG) in all business practice.
4. Promoting the transition toward a secure, environmentally sustainable, and carbon-reducing energy system.
5. Advancing business and workforce development toward sustainable growth, thereby building confidence and trust with all stakeholders.

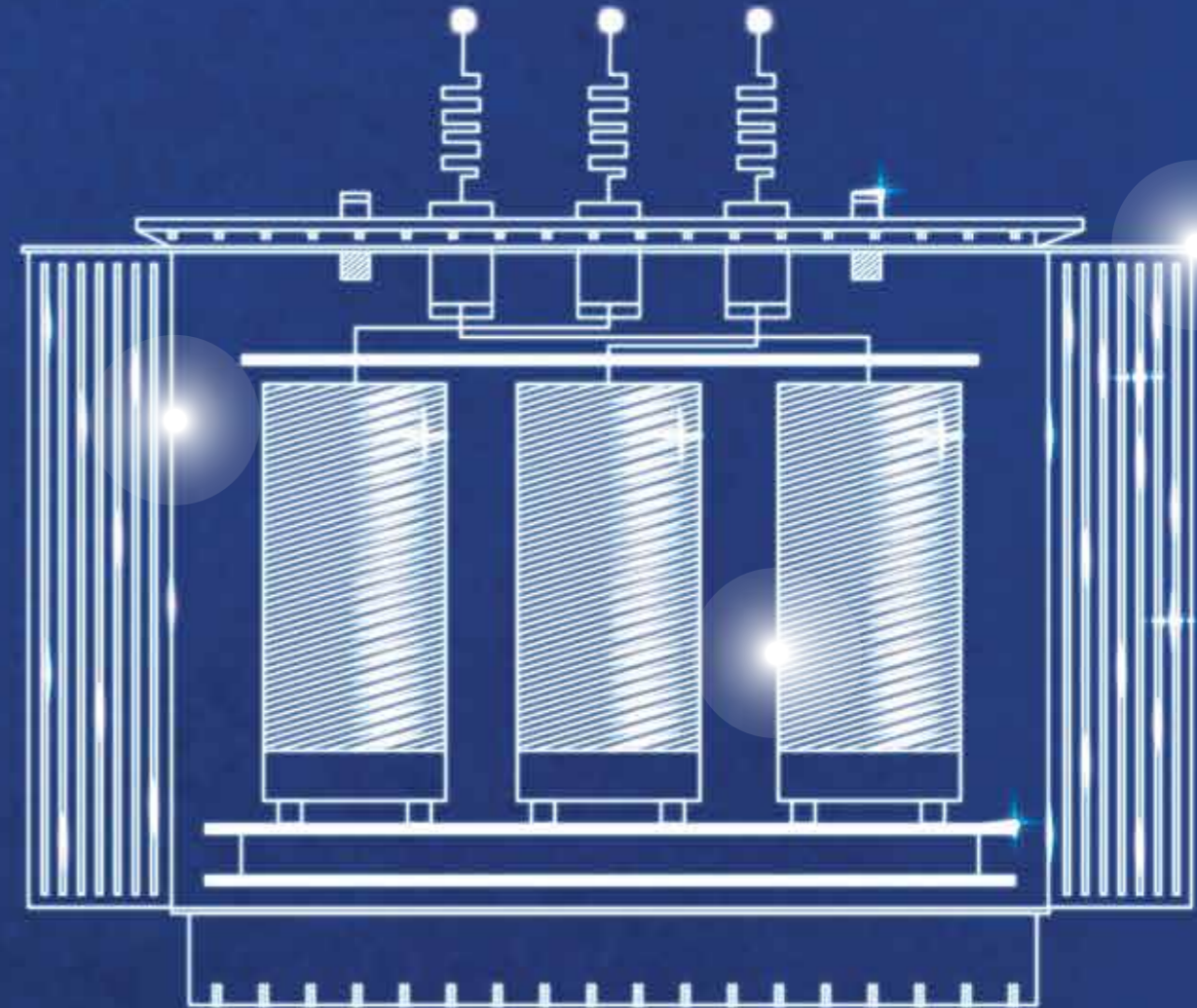
### MANUFACTURE & SERVICE EXCELLENCE

Based on our years of engineering experience, our manufacturing facilities have been designed to produce only products of highest quality. Each manufacturing process is closely monitored to reach international safety and operational standards. Experienced and well-trained manufacturing staff works cooperatively with our sales & service teams to guarantee fast and punctual delivery of every order.



คุณภาพแห่งความประณีต  
**QUALITY OF DETAILS >>**

- D- DYNAMICS
- E- ENVIRONMENT
- T- TEAMWORK
- A- ACHIEVEMENT
- I- INNOVATION
- L- LEADERSHIP
- S- SERVICE



## D - Dynamics

We are dynamic organization, and constant development in every detail is our guiding philosophy. It covers everything from the selection of premium raw materials, to implement top-quality technology, and to exact constant control over the standard of production. This has been the secret of our success. Above and beyond that, we are constantly researching and improving our products to meet the demands of world-class standards to satisfy our customers even further.

### Computerized design

Computer programs are used to calculate all transformer data and all parameters to prevent any electrical, mechanical, and thermal stresses that may arise during operation. QTC transformers can guarantee operational safety, reliability, and maintenance-free operation.

# PRODUCTS

## POWER TRANSFORMER

Power transformer is a transformer used to lower the electricity voltage transmitted from the electricity source that pass via the transmission line before transmitting the electric current to the distribution line for further transmission to users. It has capacity from 5,000-30,000 KVA and rated power maximum to 72 KV.

## OPEN TYPE WITH CONSERVATOR

Open type with conservator is an older type of transformer commonly used for a long time. It uses transformer oil as insulation and cooling as same as the hermetically sealed oil type distribution transformer. However, there is a conservator installed to support the expansion of transformer oil during use. The tube allows air to pass out. And at the end of the tube, it contains a silica gel capsule which is a substance to absorb moisture from the air before entering the transformer. Transformer oil type must be checked regularly every 6-12 months.



POWER TRANSFORMER  
UP TO 30 MVA



FREELY BREATHING  
(RADIATOR)



FREELY BREATHING  
(RADIATOR)



N<sub>2</sub> GAS SEALED



FREELY BREATHING  
(CORRUGATED)



OLTC TRANSFORMER

## HERMETICALLY SEALED OIL TYPE DISTRIBUTION TRANSFORMER

This type of transformer is a transformer that uses transformer oil as the electrical short circuit insulation in the transformer. The transformer oil is also used for cooling the inside coils to the outside of the transformer. The transformer tank is sealed hermetically to prevent air coming into and contact with the oil inside the transformer. Therefore, this type of transformer provides great ability to prevent moisture. As a result, the transformer oil will not easily deteriorate. It also helps maintain the insulation of transformer oil to last longer, and lengthen the duration and reduce the cost of the transformer maintenance as well. Generally, this type transformer will be installed outdoor.

## DRY TYPE TRANSFORMER

### DRY-TYPE CAST RESIN

This is a dry type transformer with high voltage coil produced by special cast resin process in order to withstand high voltage and has mechanical strength. It is intended to replace the oil type distribution transformer in the building area with ensured safety such as high-rise buildings, hospitals, etc.

### DRY-TYPE CLASS F&H

This is a dry type transformer used for converting low voltage system. Due to a low voltage, coil of this dry type transformer needs not to be casted with resin, but the high temperature dielectric simply is used for wrapping the coil, and then the wrapped coil is sprayed with a special paint to prevent humidity.



CSP-TYPE



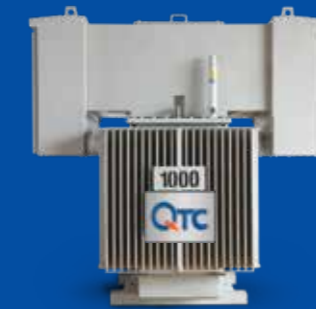
GAS SEALED



DRY-TYPE CLASS F&H



AMORPHOUS TRANSFORMER



TRANSFORMER WITH CABLE BOX



PAD MOUNTED

## SPECIAL TRANSFORMER

Special Transformer is designed and produced according to customer requirements and applications, such as using as a ground of the transformer, using indoors with limited space, and using with underground wiring, etc.

## TRANSFORMER CORE



### MULTI-STEP LAP CORE

Multi-Step Lap Core is used in QTC transformer to minimize the no-load loss by as much as 15%, exciting current is diminished by 50% and noise level is decreased up to 5 dB to reduce noise pollution.



### STACKING TABLE

The core is stacked in the correct layout precisely and accurately on the stacking table. The core limb laminations are mitered at the points with the yoke. The limb and yoke have exactly the same cross-section in which it is spread out step by step, achieving a circular-like shape. An adequate number of core bandages make a uniform compression of the limb certain.



### FOIL WINDING MACHINE

To ensure high quality, safe and long life warranty, QTC employ modernized foil-winding machine to wind the low-voltage coils by using copper foil to produce low-voltage winding which is an excellent technique to reduce axial short circuit forces. Copper foil and insulation material are bonded with thermopox to enhance ability to withstand radial forces.



### HIGH VOLTAGE WINDING MACHINE

The latest improvement in the winding technology of QTC Transformer is long layer design to achieve uniform stress distribution along interlayer insulation. The winding is more homogenous and less sensitive to high frequency resonance due to lightning impulse overvoltage and the automatic winding machine is computer controlled. It can control tension of copper wire, winding layer insulation and winding sequence to prevent human error and retain similar quality for every coil.



### CORRUGATED FIN FOLDING MACHINE

Corrugated Fin Folding Machine, It is an automated machine for manufacturing of high quality corrugate fin suitable for corrugated tank.



### VACUUM DRYING AND FILLING PLANT

QTC operates Thailand's first and only electric low-frequency heating equipment. The uniform, modern and economical heating and drying process is performed by injection of low-frequency heating current direct to transformer winding under vacuum and then filling with high quality oil. A computerized controller ensures that QTC transformer has the highest quality insulation system.

# MARKET STANDARD LOSSES

Capacity kVA	SYSTEM 22kV.									SYSTEM 24kV.									SYSTEM 33kV.									NO LOAD LOSSES			LOAD LOSSES AT 75C			IMP AT 75 °C
	DIMENSION(mm.)						WEIGHT(kg.)			DIMENSION(mm.)						WEIGHT(kg.)			DIMENSION(mm.)						WEIGHT(kg.)			22kV	24kV	33kV	22kV	24kV	33kV	
	a	b	h1	h2	e	f1	f2	oil	Total	a	b	h1	h2	e	f1	f2	oil	Total	a	b	h1	h2	e	f1	f2	oil	Total							
50	985	610	1170	735	470	285	150	130L	460	1010	540	1225	786	480	285	150	145	480	990	670	1305	765	450	380	150	160	460	110	160	170	875	950	875	4
100	1150	640	1171	786	520	285	150	165L	610	1072	737	1316	878	560	285	150	180	680	1105	720	1415	880	510	380	150	225	670	180	250	260	1450	1550	1450	4
160	1175	740	1275	860	660	285	150	220L	880	1374	757	1273	878	640	280	150	260	1000	1105	720	1415	880	510	380	150	225	670	260	360	370	2000	2100	2000	4
250	1305	765	1310	925	650	285	180	290L	1190	1250	747	1280	895	640	280	180	300	1170	1285	828	1455	970	650	375	180	340	1180	360	500	520	2750	2950	2750	4
315	1250	760	1290	880	760	280	180	295kg	1270	1250	760	1290	880	760	280	180	295	1280	1586	851	1499	987	740	370	180	465	1650	700	700	740	3900	3900	3900	4
400	1288	876	1372	965	700	280	180	345kg	1470	1474	788	1401	1016	720	280	180	390	1600	1425	841	1550	1035	730	370	180	470	1810	850	850	900	4600	4600	4600	4
500	1586	939	1421	1036	740	280	200	435kg	1820	1638	853	1422	1037	760	280	200	385	1940	1730	955	1564	1077	810	370	200	580	2200	1100	1100	1150	6600	6600	6600	4
630	1577	982	1505	1122	770	280	200	500kg	2170	1550	1085	1497	1090	680	280	200	445	2270	1731	1006	1660	1150	800	370	200	575	2410	1200	1200	1250	8500	8500	8500	4
750	1777	940	1557	1172	800	280	230	595kg	2420	1807	1062	1587	1192	820	280	230	640	2560	2008	1142	1689	1202	880	370	230	805	2840	1300	1300	1300	10500	10500	10500	6
800	1827	1072	1577	1192	830	280	230	660kg	2620	1918	1123	1557	1172	810	280	230	655	2600	2028	1243	1714	1202	880	370	230	710	2680	1300	1300	1400	12000	12000	12000	6
1000	1928	1215	1579	1172	840	280	230	830kg	3020	1860	1074	1605	1220	860	280	230	665	2860	2037	1113	1755	1262	940	370	230	950	3600	1600	1600	1700	13500	13500	13500	6
1250	2068	1193	1667	1282	950	280	230	890kg	3930	2095	1258	1667	1272	930	280	230	895	3860	1987	1180	1867	1382	1000	370	230	1025	3940	1800	1800	1900	16000	16000	16000	6
1500	2148	1273	1797	1412	910	280	230	970kg	4310	2276	1381	1803	1408	990	280	230	1090	4850	2007	1312	1827	1340	940	370	230	1030	4140	2100	2100	2150	19000	19000	19000	6
1600	2180	1345	1867	1482	930	280	230	1030kg	4590	2200	1400	1800	1390	920	280	230	1020	4500	2165	1185	1910	1400	1160	370	230	1190	4630	2100	2100	2150	20000	20000	20000	6
2000	2398	1420	1943	1558	950	280	230	1340kg	5840	2349	1474	1933	1538	1010	280	230	1260	5610	2425	1441	2025	1538	1020	370	230	1405	5910	2600	2600	2700	22700	22700	22700	6
2500	2516	1511	2123	1628	1060	280	250	1515kg	6700	2540	1515	2143	1648	1080	280	250	1570	7020	2487	1543	2139	1644	1060	370	250	1630	6960	3200	3200	3300	26800	26800	26800	6
3000	2658	1563	2209	1714	1160	280	250	1800kg	8140	2690	1572	2209	1714	1170	280	250	1840	8310	2768	1623	2179	1684	1180	370	250	2060	8330	3600	3600	3700	32500	32500	32500	7

## STANDARD ACCESSORIES

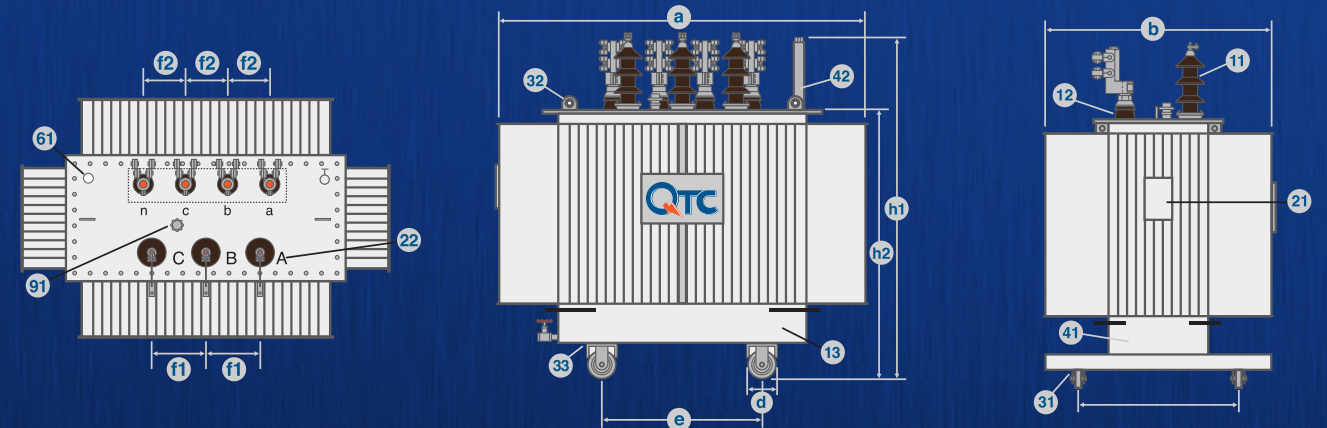
STANDARD ACCESSORIES	RATED POWER (KVA)													
	100	250	400	630	1000	1500	2500	100	250	400	630	1000	1500	2500
HV BUSHING DIN 42531	●	●	●	●	●	●	●	●	●	●	●	●	●	●
LV BUSHING DIN 42530	●	●	●	●	●	●	●	●	●	●	●	●	●	●
ARCING HORN	●	●	●	●	●	●	●	●	●	●	●	●	●	●
LIFTING LUGS	●	●	●	●	●	●	●	●	●	●	●	●	●	●
OFF-CIRCUIT TAP CHANGER	●	●	●	●	●	●	●	●	●	●	●	●	●	●
LIFTING EYE	●	●	●	●	●	●	●	●	●	●	●	●	●	●
EARTH CONNECTION BM 12 DIN 48088	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NAMEPLATE	●	●	●	●	●	●	●	●	●	●	●	●	●	●
FILLING TUBE	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BIDIRECTIONAL ROLLER	●	●	●	●	●	●	●	●	●	●	●	●	●	●
OIL DRAIN DEVICE	●	●	●	●	●	●	●	●	●	●	●	●	●	●
OIL LEVEL INDICATOR	●	●	●	●	●	●	●	●	●	●	●	●	●	●
THERMOMETER POCKET	●	●	●	●	●	●	●	●	●	●	●	●	●	●
THERMOMETER INDICATOR	●	●	●	●	●	●	●	●	●	●	●	●	●	●
THERMOMETER WITH CONTACTS	●	●	●	●	●	●	●	●	●	●	●	●	●	●
TRANSFORMER PROTECTION RELAY	●	●	●	●	●	●	●	●	●	●	●	●	●	●
WINDING TEMP RELAY	●	●	●	●	●	●	●	●	●	●	●	●	●	●
CT	●	●	●	●	●	●	●	●	●	●	●	●	●	●
CABLE BOX	●	●	●	●	●	●	●	●	●	●	●	●	●	●

● STANDARD ACCESSORIES ● OPTIONAL

## TERMINAL ARRANGEMENT FOR CABLE CONDUCTOR

RATING POWER (KVA)	APPLICABLE TO ALUMINIUM AND COPPER CONDUCTORS		NUMBER OF CIRCUITS	
	DIAMETER RANGE (mm)	SIZE (mm) <sup>2</sup>		
315	11.4 - 17.6	95 - 185	4	
400	12.9 - 20.2	120 - 240	4	
500	12.9 - 20.2	120 - 240	4	
630	12.9 - 20.2	120 - 240	4	
800	15.9 - 25.6	185 - 400	4	6
1000	15.9 - 25.6	185 - 400	4	6
1250	15.9 - 25.6	185 - 400	4	6
1600	18.4 - 29.2	240 - 500	6	8
2000	18.4 - 29.2	240 - 500	6	8
2500	18.4 - 29.2	240 - 500	8	10

- ① HV BUSHING ACC. TO DIN 42531
- ② LV BUSHING ACC. TO DIN 42530
- ③ EARTH CONNECTION BM 12 DIN 48088
- ④ NAMEPLATE
- ⑤ TERMINAL MARKING PLATES
- ⑥ BI-DIRECTION ROLLER
- ⑦ LIFTING EYE
- ⑧ HUALING LUGS FOR BI-DIRECTION SHIFTING OF THE TRANSFORMER
- ⑨ OIL DRAIN VALE
- ⑩ FILLING TUBE
- ⑪ THERMOMETER POCKET
- ⑫ OFF-CIRCUIT TAP CHANGER



## E-ENVIRONMENT

We all need to be aware of the environment and the importance of reducing the use of energy, so we place a great deal of emphasis on product design and development to ensure safety for both our production workforce and our valued customers. Additionally, the technology we put into our operation saves energy and reduces pollution effectively. We also place great importance on the environmental friendliness of our factory and our office, as well as, the well-being of the community to which we belong, to ensure that everyone lives happily together.

### Corporate Social Responsibility (CSR) Policy

QTC Energy PLC is committed to operate under good corporate governance, and care for the environment. To become a sustainable business, QTC places great emphasis on being truly socially responsible by considering all stakeholders involved from shareholders, employees, customers, local communities, to society at large.

To ensure the success of the organization, and that all operations are up to standard under the company's visions and objectives, instill confidence in all stakeholders, and express the company's responsibilities to the society, the following Corporate Social Responsibilities Policy is created for all QTC personnel to strictly adhere to:

1. Conduct business with honesty and fairness under good governance. Promote transparency in the management of the organization in accordance to international practices.
2. Respect and place a great importance on the rights of employees in all level.
3. Create awareness on the importance of labor and promote their developments to effectively drive the organization forward.
4. Commit to, and demonstrate the company's responsibilities to the environment in order to reduce environmental and societal impacts that may have been caused by the company's operations.
5. Adhere to country laws and trade regulations, as well as company rules, policies, orders, or related announcements. Prevent corruption, abuse of power, and conflict of interests.
6. Publish accurate product information with respect to consumer's rights. Strictly adhere to consumer protection laws.
7. Continually promote and participate in activities that benefit the public. Encourage employees to have social responsibility.

The success of the organization under this policy depends on the understanding, commitment, and adherence to the company's rules and regulations. It is a reflection of the commitment of all QTC employees to sustainably develop the organization.

## Environment Policy

QTC Energy Public Company Limited places strong emphasis on conducting business with environmental and social responsibility in a sustainable manner. The Company recognizes that its operations may create both direct and indirect environmental impacts, which could negatively affect biodiversity and contribute to climate change.

Accordingly, the Company is committed to environmentally friendly business practices through efficient resource utilization, pollution prevention, effective waste management, biodiversity conservation, and the reduction of greenhouse gas emissions in pursuit of a low-carbon economy. The Company promotes and develops employees' knowledge and awareness to ensure responsible practices in all work processes, while providing necessary resources for effective environmental management and encouraging environmental awareness among business partners.

To ensure strict adherence and to embed a Green Culture within the organization, the Company has established the following Environmental Policy:

1. To analyze, assess, and regularly review environmental impacts arising from business processes, including impacts on biodiversity and climate change, in a comprehensive manner.
2. To develop environmentally friendly processes and products in order to minimize potential impacts on the environment, biodiversity, pollution, waste generation, and climate change resulting from the Company's operations and products.
3. To control and manage operational processes in compliance with applicable standards, emphasizing sustainable resource use, waste reduction in accordance with the 3Rs principle (Reduce, Reuse, Recycle), pollution prevention at the source, improvement of energy efficiency, reduction of greenhouse gas emissions, and protection of biodiversity.
4. To communicate and enhance awareness among executives and employees to ensure understanding of environmental protection, biodiversity conservation, and climate change, thereby fostering a strong Green Culture within the organization.
5. To provide continuous support in terms of information, personnel, budget, and time for the implementation of environmental projects and activities in order to achieve established objectives and targets.
6. To give importance to listening to the voices of communities and relevant stakeholders in accordance with human rights principles, including agencies involved in organizational development projects, in order to minimize impacts on ecosystems and stakeholders.
7. To encourage business partners to recognize and uphold environmental responsibility through sustainable procurement processes.
8. To periodically review the Environmental Policy, objectives, and targets to ensure systematic and continual improvement.
9. To continuously monitor, audit, and evaluate performance to ensure alignment with environmental objectives and targets, and compliance with applicable legal and other relevant requirements.

## Energy Conservation Policy

QTC Energy Public Company Limited recognizes the importance of efficient and sustainable energy utilization to promote economic growth alongside environmental conservation. The Company is committed to becoming a leading organization in sustainable energy management and to playing an active role in reducing long-term environmental impacts. This commitment forms part of the Company's objective to achieve Net Zero Emissions.

To ensure effective, transparent, and legally compliant operations, The Company has established the following Energy Conservation Policy:

1. The Company shall establish and continuously develop an Energy Management System (EMS) to systematically monitor, measure, evaluate, and improve energy performance on an ongoing basis.
2. The Company shall set clear energy conservation targets and develop action plans, while communicating them to all employees to ensure understanding and active participation.
3. The Company shall promote the use of renewable energy and support the adoption of clean technologies in business processes, as appropriate, to maximize energy efficiency.
4. The Company shall appoint an Energy Management Committee and provide the necessary resources for implementation, including personnel, including personnel, time, budget, technology, knowledge, and other essential support.
5. The Company shall provide training and continuously encourage employees at all levels to develop knowledge, understanding, and active participation in energy conservation, fostering awareness and enhancing personnel capabilities.
6. The Company shall strictly comply with applicable energy laws, regulations, and standards, and support government energy policies and initiatives.
7. The Company shall review the Energy Conservation Policy, targets, and action plans at least annually to ensure continual improvement.
8. Energy conservation is the responsibility of executives and employees at all levels, who are required to cooperate and strictly adhere to the established policies and measures.

## Quality Policy

QTC Energy Public Company Limited is committed to taking responsibility for the manufacturing, distribution of products, and provision of services in accordance with customer needs and expectations, with integrity and transparency. The Company has established a Quality Policy and communicates it to employees at all levels to ensure understanding, implementation, and continual adherence as follows:

**"We are committed to producing quality products and services that are continuously developed to satisfy our customers."**

To ensure that the operations of QTC Energy Public Company Limited comply with the Quality Policy, align with quality planning, and meet all applicable requirements, the Company has established the following Quality Objectives:

1. To manufacture and deliver products that meet customer requirements with zero product returns (Reject = 0).
2. To achieve on-time delivery performance with a target of at least 95%.
3. To continuously develop employees' knowledge and competencies in accordance with Individual Development Plans (IDP), ensuring that at least 80% of each employee's development plan is successfully completed.
4. To conduct customer satisfaction surveys at least once per year, achieving a response rate of no less than 80%, with at least 90% overall customer satisfaction among respondents.
5. To maintain customer complaints at no more than 0.5%.

## T-TEAMWORK

We began as a team and we keep alive the team spirit to ensure the quality of work in all units, and we systematically support each other throughout the entire process. We place great importance on human resources at all levels by organizing both national and international workshops regularly. Moreover, we care for the health and the quality of life of all our employees.

## Human Resource Development Policy

QTC's vision is to become a world class producer of electrical transformers. It is the company's mission to serve the demanding needs of customers to improve their electrical system to international standards. This has led to the formulation of QTC's Human Resource Development Policy that will equip all employees with the skills and abilities to realize the company's vision and mission. The fundamental objectives of human resource development are as follows:

1. **Constructive Engagement** : All employees are encouraged to contribute their ideas in many different areas of work. The level of contribution from each employee may vary but must all be constructive and focus on problem-solving, not finger-pointing. Employees should be open to listen to and respect different opinions.
2. **Sharing Success** : Create a working environment in which all employees share in the company's success. This is reflected in the remuneration policy that is derived from the success of the company rather than the success of each individual. The company also encourages employees to gather knowledge on-the-job and learn from repeating and improving on past experiences. The exchange of knowledge within the company is highly encouraged. QTC must be acutely aware of the changes in the business environment and must be responsive. The success of the entire organization is the result of the success of every employee, departments, and business sectors.
3. **Better Attitude** : In order to meet the needs of customers, society, and shareholder for continuous improvement, all employees must have an attitude to make all things "better than before".

## Human Resource Development Guidelines

1. Apply the Performance Management System (PMS) to achieve the company's goal
2. Improve all employees through various events and activities such as the 5S, suggestions, Kaizen, and Teamwork.
3. Encourage employees to take part in programs to develop their English competency and conscience
4. Promote "self-learning" among employees by establishing a library, and the KM room.
5. Provide local and international study tours for employees
6. Apply the Total Quality Management (TQM) system to ensure employees learn to improve various production process and working procedures

## Quality of Life Improvement Guidelines

1. **Zero Accident Project**: to campaign against accidents in the workplace and promote employee safety
2. **Health Improvement Project**: to promote employees' health and fitness in the campaign, "reduce, reject, and quit smoking and drinking alcohol", thereby reducing street accidents.
3. **White Factory Project**: to prevent employees from using drugs
4. Provide health check - ups for new employees prior to starting work at the company, as well as annual health check-ups for all employees
5. Create a "Happy Work Place" environment to ensure employee job satisfaction

## A-ACHIEVEMENT

As a result of the efficiency of our management, we have been certified with several quality standards and received many awards of success from both inside the country and overseas. Yet we are still ever committed to improving our performance to achieve even greater successes.

### TESTS

QTC transformer can be designed, manufactured and tested according to National and International standards list below :

- TIS 384-2543
- IEC 60076
- IEEE Std C57.12.00
- AS 2374
- JEC 204
- VDE 0532
- Or Any other standard specified by customers

TIS 17025-2543 (2005) Certificate for Electrical Test Laboratory from Thai Industrial Standard Institute (TISI), Ministry of Industry.

### ROUTINE TESTS

Each and every transformer is subjected to a routine quality test as follows :

- Measurement of winding resistance
- Measurement of voltage ratio and check of phase displacement
- Measurement of short-circuit impedance and load loss
- Measurement of no-load loss and current
- Separate source AC withstand voltage test
- Short-duration induce AC withstand voltage test
- Measurement of insulation resistance
- Oil dielectric test

### TYPE TESTS

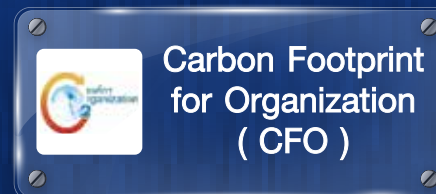
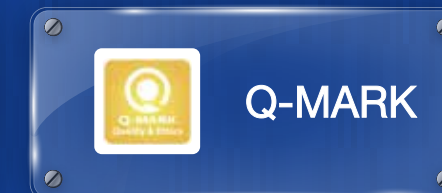
Type tests will be carried out and conducted based on customer requests and on our own initiative. These have enabled QTC to ensure the constant quality and reliability of our transformer products. The details of the type test as follows.

- Temperature-rise test
- Lightning impulse test

## I : INNOVATION

We are innovative. We have even invented our own business software. And we have copyrighted that software because it is very accurate in calculating and processing. It responds to limitations and covers all the requirements of our customers under the world-class standard.

### CERTIFICATES



## L : LEADERSHIP

Applying high technology in production and focusing on quality control has earned us considerable recognition as a top-quality transformer manufacturer both nationally and international. We also are the leading innovator and developer of much new production know-how in this business.



## POWER PLANT REFERENCE



## S-SERVICE

A first-rate product deserves first-rate service. And at QTC that service excellence has generated for us truly loyal customers who have confidence in our product and the service we provide. Our engineering Team offers superior electrical system consultancy and our professional Sales Team closely assists customers both before and after sales. More importantly, our Sales Team has been trained to be thoroughly knowledgeable in our products and they are ready to put that knowledge to use in practical and innovative advice. Finally, we are confident in the service provided by our Delivery Team which ensures prompt and efficient delivery.



## AFTER SALES SERVICE (24 hours)

QTC offers complete 24/7 Expert After-Sales Service for the life of our transformer. To ensure high efficiency and optimized operation at all times, a QTC service team is available round the clock, 24/7. A highly skilled engineer together with an experienced technician will respond promptly to secure and solve your transformer problems. QTC has the equipment and instruments calibrated by international institutes to ensure excellent after-sales service you can depend on.

