



QUATEST3[®]

QUALITY ASSURANCE AND TESTING CENTER 3

CAPABILITY PROFILE



**ACCURACY
OBJECTIVENESS
IN-TIME SERVICE
RELIABILITY**



www.quatest3.com.vn

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1. HISTORY

QUALITY ASSURANCE AND TESTING CENTER 3 (QUATEST 3) is a science - technology organization under The Commission for Standards, Metrology and Quality (STAMEQ) – Ministry of Science and Technology (MOST).

QUATEST 3 has thrived to be one of the leading organizations in Vietnam, which is specialized in providing services in the fields of standards, metrology, and quality to serve State management activities as well as requirements of organizations and businesses. With 50 years of operation and development, QUATEST 3 always accompanies business in increasing quality and safety requirement on products, protecting consumers' benefits in line with the country's development orientation, and positively contributing to the social – economic growth of the country.



QUATEST 3 has a team of technical officers and consultant experts, working under its organizational structure composing of 13 testing laboratories, 07 metrological laboratories, 06 inspection departments (inspection, assessment, product certification; management system certification); 01 subsidiaries (Productivity & Quality Center and Testing Service Center). QUATEST 3 has also paid high attention to, and constantly strengthened, its international cooperation with prestigious conformity assessment organizations in the region and worldwide: US UL (USA), JATL and JQA (Japan), K-Petro, KTC and KTL (Korea), TUV SUD PSB, TUV Rheinland (Germany), NEMKO (Norway), ETC (Taiwan)...

QUATEST 3 has become an official member of the Asia Network Forum (ANF) to share experiences and technical information, facilitate trade amongst the member countries on the basis of harmonization on standards and conformity assessment procedures, and promote bilateral as well as multilateral recognition of test report in conformity assessment.

QUATEST 3's activities always associate with the philosophy of "Prosperous through Quality" and the quality policy of **"ACCURACY – OBJECTIVENESS - IN-TIME SERVICE - RELIABILITY"**.

2. FUNCTION & RESPONSIBILITIES

QUATEST 3 specializes in providing a wide range of technical services related to standards, metrology, quality, and productivity to serve state management activities as well as requirements of organizations, businesses, and individuals such as:

- ▶ Researching and developing technical, scientific and technological applications

in the fields of standard, metrology, productivity, and product quality.

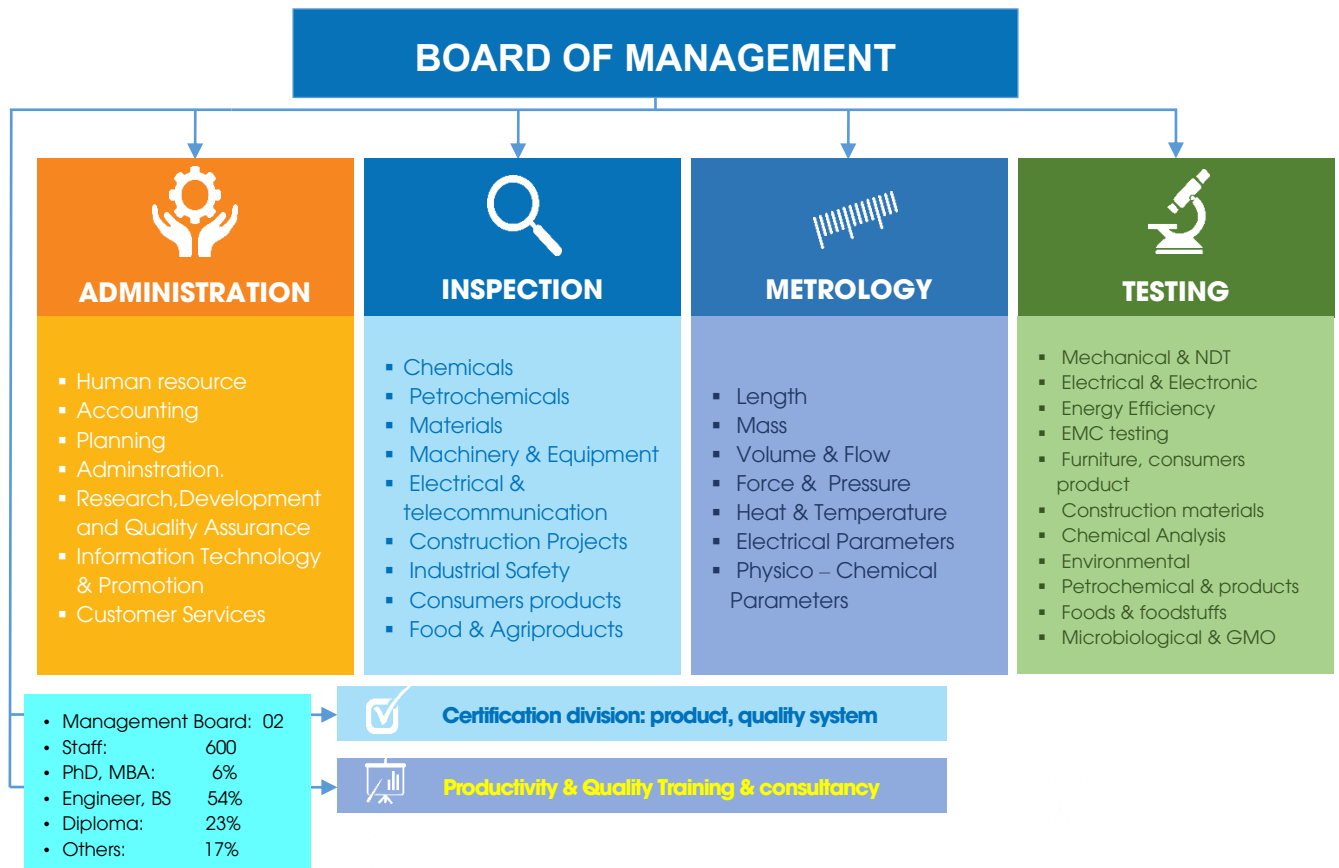
- ▶ Inspecting, testing, assessing quality, safety, environment and technical safety of products, goods, services, projects and construction in conformity with technical regulations and the request of the government authorities, organization, business and individuals. Inspecting the damage, defective status of materials, structures, components, and products.
- ▶ Certifying quality, safety, the environment of products, goods, services, processes, and constructions in conformity with standards, technical regulations and other. Certifying quality management system, environment, legal systems, and other recognized standards.
- ▶ Testing quality, safety and technical safety, environmental impacts of products and goods; Surveying, monitoring, analyzing environmental criteria.
- ▶ Testing, calibrating, verifying measurement tools and metrological references within the registered and designated scopes as prescribed by laws on metrology.
- ▶ Organizing and carrying out proficiency testing program, inter-laboratory comparisons at the requests of specialized management agencies or domestic and foreign laboratories; assisting laboratories with improving testing quality.
- ▶ Supervising the execution, installation of works (including welding supervision, welding process, and welders' workmanship certification), and of technological lines; Conducting energy audit as prescribed by law; Supervising consultancy and verification for the quality of construction works; Certifying the conformity to quality and certifying the adequate conditions on force-bearing safety of equipment and works as prescribed by law.
- ▶ Surveying, assessing and inspecting technology of investment projects; conducting technology transfer as prescribed by law.
- ▶ Appraising projects of construction investment and evaluating designs; assessing malfunctions; surveying construction site and mapping, navigation on works, surveying on geology; Monitoring deformation, subsidence, inclination, transposition of works as prescribed by law.
- ▶ Consulting the establishment of investment projects, investing in construction; Consulting bid, managing projects of construction investment and laboratory equipment as prescribed by law.
- ▶ Training and guiding the application of management system according to international, regional and national standards, business administration systems, tools, and technical solutions to improve quality and productivity, save energy, and protect the environment.
- ▶ Training experts on assessing management systems and experts on productivity and quality.
- ▶ Training and improving courses on professional competence in: standard, quality, metrology, testing, and technology transfer; Training metrological inspectors and technicians; Training technicians in welding supervision and weld's quality

checking; Train construction testing technicians; Training technical safety inspectors; Training in labor safety and hygiene, food safety and hygiene; Training technique for checking the quality of products and goods; Training testing technique and other related training courses at the request of organizations, individuals and as prescribed by law.

- ▶ Receiving registration for the right to use barcode; Providing supporting services in applying tools and standards of GS1, applying barcode technique and identifying technology of products and goods at the requests of organizations and individuals; Researching and developing technological applications and standards of GS1.
- ▶ Signing and implementing economic contracts on a scientific and technological mission, scientific and technological services, manufacturing and trading in the fields of standard, metrology, quality with domestic and foreign organizations and individuals as prescribed by law.
- ▶ Organizing and implementing missions, programs, and research topics assigned in the fields of standard, metrology, quality, and productivity.
- ▶ Cooperating, joint venture, and partnering with foreign and domestic agencies and organizations to provide services, manufacture, and trade in the fields of standard, metrology, quality and productivity as prescribed by law.
- ▶ Investing and developing operational capabilities in the technological scientific profession from career operation development funds and other legal financial sources as prescribed by law.
- ▶ Carrying out communication, propaganda, promotion, and advertisement related to missions of QUATEST 3.
- ▶ Participating in drafting international, national standards, contributing to create national technical regulations and other related documents.
- ▶ Issuing documents related to standard, metrology, quality, productivity and other documents as prescribed by law.
- ▶ Carrying out other mission assigned by STAMEQ.

3. ORGANIZATION CHART

QUATEST 3's organization chart is promulgated in Decision No. 684/QD-TDC dated April 22nd, 2019 as follows:



4. SCOPE OF ACTIVITIES

QUATEST 3 offers technical services in the fields of standard, metrology, and quality to serve management activities of Vietnamese Ministries as well as requirements of organizations and businesses aiming at improving the quality and safety of products and benefits of customers.

4.1 TESTING ON QUALITY AND SAFETY OF PRODUCTS AND GOODS

QUATEST 3 offers testing and analysis on quality and safety of various products and goods meeting comprehensive requirements on testing to serve both management activities of Vietnamese competent authorities and the need for developing businesses products and services.

QUATEST 3 is always concerned with updating, upgrading and completing its laboratory system in the purpose of providing a highly accurate testing service which is harmonized with applied standards, including:

- ▶ Mechanical: products, metallic and non-metallic materials, weld and non-destructive testing (NDT)
- ▶ Consumer goods: packaging, appliances used in direct contact with foods and beverages, textile articles and accessories leather, shoes, papers, ink, plastic, wooden furniture and children toys.

- ▶ Construction: materials and structures
- ▶ Electrical – electronic: household and office appliances, electric tools.
- ▶ Chemicals: basic chemicals, fertilizers, plant protection agents, solvents, aromatherapy, cosmetics, detergent, and fine art gold.
- ▶ Environment: water, waste water, sludge, solid and liquid waste, the residue of plant protection agents, toxic substances in raw materials
- ▶ Petroleum & Gas: gasoline, Diesel fuel oils, Biofuels, Fuel oils, liquid petroleum gas, additives for petroleum products.
- ▶ Agriculture and foodstuffs: agricultural products, additives, material (agricultural, aquatic products), animal feeds...
- ▶ Food safety and hygiene & food quality: fresh foods, processed foods, food additives, functional foods...
- ▶ Microbiology and Genetically modified organisms (GMO): agricultural products, foodstuffs, animal feeds, micro-organic fertilizers, probiotics...

As accumulating extensive experiences through its development progress, QUATEST 3's labs have built its image and been accredited, such as:

- ▶ The Microbiology – GMO Testing Lab was designated as an ASEAN Reference Laboratory (AFRL).
- ▶ The US Consumer Products Safety Commission (US CPSC), Bureau of Standards, Metrology and Inspection (BSMI) recognized the testing result of QUATEST 3.
- ▶ The electric – electronic testing lab participated in ASEAN EE MRA program for electric household appliances.

4.2 INSPECTION

QUATEST 3's inspection service involves conformity assessment comprising of inspection, verification, state inspection, assessment, and certification of products and goods at the request of State management agencies, organizations and businesses.

QUATEST 3's activities in conformity assessment are designated by specialized Ministries: Ministry of Science and Technology, Ministry of Health, Ministry of Construction, Ministry of Agriculture and Rural Development, Ministry of Industry and Trade, Ministry of Natural Resource and Environment. Ministry of Labor - Invalids and Social Affair.



QUATEST 3 offers State inspection, inspection and conformity certification to standards and national technical regulations for:

- ▶ Technology line and equipment, mechanical.
- ▶ Metallic and non-metallic materials.
- ▶ Electrical, electronic, and telecommunication equipment.
- ▶ Construction materials, structures, buildings, and traffic works.
- ▶ Petroleum products (Gasoline, DO, KO, FO, LPG, Lubricants, additives), Biodiesel fuel oils.
- ▶ Consumer goods: Children's toys, textile articles, and accessories leather, shoes, handicraft products, plastic products, packaging, paper products, wooden furniture...
- ▶ Chemicals, Fertilizers, Plants protection agents, Minerals.
- ▶ Agriculture, aquatic products, fresh and processed foods, beverages, and animal feeds.
- ▶ Food safety and hygiene (foodstuffs, packaging, appliances used in direct contact with foods and beverages...)

Other technical services:

- ▶ Monitor, measure, and report on supervision and assessment of ambient air, working environment, industrial emission, hazardous waste, water, compressed air, and clean room...
- ▶ Perform supervision on the construction and installation of the works (including welding supervision/inspection, certification of welding procedures and welders' workmanship), and installation of technological lines.
- ▶ Quality inspection and supervising consultancy to the construction site.
- ▶ Certify the conformity to quality and force-bearing capability of devices and works.
- ▶ Perform survey, assessment, inspection of technology status for investment projects.
- ▶ Verify construction investment project and examine designs, survey map, and geology, monitor deformation, subsidence, inclination, transposition of works.
- ▶ Inspect damages, defects of materials, components, and products

4.3 CERTIFICATION ON PRODUCTS, SERVICES AND MANAGEMENT SYSTEMS

QUATEST 3 is an independent certification body (third-party) that certifies the conformity of management systems, products, and services to national standards, international standards or national technical regulations.

The certification mark of QUATEST 3 confirms that products and services meet the requirements on quality and safety, which facilitate products to enter the market, enhancing brands prestige, serving as a base for helping consumers choose good products suitable to national standards and technical regulations.



Certification mark in compliance with standards (Quality mark)



Certification mark in compliance with technical regulation (CR Mark)



Management System Certification

The certification on products, goods in the fields of:



Electrical – electronic



Consumer products



Wooden furniture



Mechanical



Chemical



Petroleum and gas



Construction



EMC, EE



Fertilizers



Animal feed

Management system certification

- ▶ QUATEST 3 is a Certification Body of Management Systems in compliance with both Vietnamese and international standards (TCVN, ISO 9001, ISO 14001, HACCP, GMP, ISO 22000, etc...)
- ▶ The Management System Certification Service of QUATEST 3 is established and implemented in conformity with TCVN ISO/IEC 17021-1

4.4 CALIBRATION; VERIFICATION ON MEASURING EQUIPMENT

QUATEST 3 provides calibration and verification of measuring equipment and tools in the fields of mass, length, electricity, pressure, temperature, physiochemical, volume... The metrological laboratories of QUATEST 3 have been equipped with the highest measuring reference standards that are traceable to metrological international standards

QUATEST 3's metrological services include:



Length



Mass



Electricity



Temperature



Force – Hardness



Volume - Flow



Physiochemical

QUATEST 3 has the highest measuring reference standards that are traceable to national and international reference standards. The laboratory working conditions have always been strictly maintained in accordance with norms of the international organization of legal metrology (OIML R111: 2014)

For the convenience of customers, QUATEST 3 provides further services:

- ▶ On-site verification/calibration
- ▶ Receive and delivery equipment on the spot.

4.5 PROFICIENCY TESTING PROGRAMS AND INTER-LABORATORY COMPARISON

QUATEST 3 organizes Proficiency testing programs (PT) to provide local and foreign laboratories with the opportunity to assess their performance, the accuracy, and the reliability of their test results.

The quality assurance management system of QUATEST 3 is conforming to the international standard ISO/IEC 17043:2010 and has been accredited by The American Association for Laboratory Accreditation (A2LA) (certificate number 3477.01)

QUATEST 3 organizes PT programs at the request of State management agencies, local and foreign laboratories in the fields of:

- ▶ Milk and milk products: microbiological and chemical characteristics (nutrients).
- ▶ Other food: microbiological and chemical characteristics (nutrients, antibiotic residues, toxins, heavy metals, etc.)
- ▶ Fertilizer: chemical characteristics (nutrients, micro-nutrients, heavy metals, etc.)
- ▶ Feeding stuff: chemical characteristics (nutrients, antibiotics, toxins, heavy metals..)
- ▶ Cement, diesel oil, lubricant, steel, etc.: chemical and physical characteristics.

Besides, QUATEST 3 also considers providing other customized PT programs.

4.6 TRAINING AND PROVIDING SOLUTIONS

The training center, a subsidiary of QUATEST 3, is specialized in providing technical training; business management skills and tools; solution services related to productivity and quality of products and services.

With substantial experience in training and providing solutions, professional expert, and lectures, the productivity and quality division have specific characteristics:

- ▶ Consistent, professional, and updated training & consultancy service.



- ▶ Training & consultancy programs are tailored to meet each customer's preferences.
- ▶ Experts and lecturers have sufficient qualifications and experience in each field of training & consultancy service.
- ▶ The management system and quality productivity tools are established flexibly, effectively, and integrated with other management systems of organizations.
- ▶ Training and consultancy activities always associate with practice, based on solving real-life situations to help trainees improve their ability to apply to reality.

4.7 STANDARD INFORMATION SERVICE

QUATEST 3 supplies information, standards, and other documents relating to standards, metrology, quality, and conformity assessment at the request of organizations, businesses and individuals.



- ▶ Vietnamese standards (TCVN)
- ▶ National Technical Regulations (QCVN)
- ▶ Foreign standards: AS, ANSI, BS, DIN, GOST, IS, JIS, KS, NF...
- ▶ International standards: CODEX, IEC, ISO, OIML...
- ▶ Professional association standards: AOAC, AOCS, APHA, API, ASME, AWS, ASTM - Online access package, pdf file subscription (ASTM Compass)... ..
- ▶ Other technical magazines or specialized documents.

4.8 BARCODE

QUATEST 3 provides consulting and guidance services related to Codes - Barcodes:

- ▶ Consulting services, instructions for registration of barcodes.
- ▶ Management consulting services, application of barcodes in production and business.
- ▶ Service of updating product and location information for businesses to the National Barcode Code system according to regulations.
- ▶ Technical consulting service on the application of automatic identification and data acquisition technologies through unique identification numbers according to the GS1 system of standard and synchronized data.

- ▶ Consulting service for applying and creating GS1 shipping labels on cartons, pallets, containers...
- ▶ Barcode quality assurance consulting service and barcode quality inspection and assessment according to GS1 and ISO/IEC 15415, 15416 standards.
- ▶ Training services applying GS1 standards, applying related technologies and techniques (Barcodes, RFID, ...).

5. QUALITY DOCUMENTATION SYSTEM

The quality management system of QUATEST 3 is certified to conform to the requirements of ISO 9001:2015 based on each service of QUATEST 3 is recognized to comply with specific requirements of specific quality management system as follows:

- ▶ Inspection services comply with the requirements of ISO/ IEC 17020:2012 – General capacity for the activities of the inspection body
- ▶ Experiment activity (testing, verification and calibration) is recognized to conform to the requirements of TCVN ISO/IEC 17025:2017 – General requirements on the capability of testing and calibration laboratories; ISO/IEC 17043:2010 – Quality Management System on proficiency testing body and OHSAS 18001 - Occupational Health & Safety Management Systems – Requirements
- ▶ Proficiency testing activity conforms to ISO/IEC 17043:2010 – General Requirements for Proficiency Testing
- ▶ Product and service certification adhere to the requirements of TCVN 17065:2012 – General requirements for certification bodies
- ▶ Training on quality management systems and management tools follow the requirements of TCVN ISO 9001:2015 – Quality Management Systems – Requirements.

The quality documentation system of QUATEST 3 is summarized as follows:



6. ASSIGNATION BY RELATED MINISTRIES

QUATEST 3 is designated as a certification body according to National technical regulation by authorized organizations, such as:

No.	Decision No.	Issued date	Issued by	Content
The designations of the Ministry of Science and Technology - MOST (Updated on link)				
1	133/QĐ-BKHCH	24/01/2025	MOST	Decision and designation for certification and testing of LED lights, LPG, steel, and DCTE.
2	1891/QĐ-BTTTT	02/11/2024	MOST	Regarding the appointment of testing laboratories to serve State management when there are requests related to telecommunications multimedia devices, lithium batteries for handheld devices...
3	1002/QĐ-BKHCH	20/5/2024	MOST	Regarding the appointment of QUATEST 3 to carry out the inspection of machinery, equipment, and technology lines in investment projects.
4	3634/TĐC-HCHQ	11/4/2023	MOST	Regarding the appointment of QUATEST 3 to carry out certification of construction material products and goods in accordance with QCVN 16:2023/BXD; QDCN 195:2023; QDCN 161:2023 and applicable public standards.
5	583/QĐ-TĐC	11/4/2023	MOST	Regarding the appointment of QUATEST 3 to carry out certification for gasoline, diesel fuel and biofuel products in accordance with QCVN 01:2022/BKHCH.
The designations of the Ministry of Agriculture and Environment (Updated on link)				
6	15/GCN-BTNMT	28/02/2025	Ministry of Natural Resources and Environment	Certificate of Eligibility for Environmental Monitoring Service Activities
7	2563/QĐ-BVTV-KHTH	12/11/2024	Department of Livestock Production	Authorize state inspection of quality of imported pesticides.
8	222/QĐ-CCPT-GSDG	09/07/2024	Department of Quality, Processing, and Market Development	Regarding the designation of food testing facilities for state management purposes.
9	732/QĐ-BVTV-KHTH	29/3/2024	Department of Plant Protection	Authorize state inspection of quality of imported pesticides.
10	201/QĐ-BVTV-KH	19/01/2023	Department of Plant	Designated QUATEST 3 as a conformity certification body for the quality of Plant

No.	Decision No.	Issued date	Issued by	Content
			Protection	protection products.
The designations of the Ministry of Labor, War Invalids and Social Affairs (Updated on link)				
11	1217/QĐ-LĐTBXH	16/8/2023	Ministry of Labor - Invalids and Social Affairs	Regarding QUATEST 3 certification of eligibility for technical labor safety inspection activities.
12	902/QĐ-LĐTBXH	31/7/2020	Ministry of Labor - Invalids and Social Affairs	Designed QUATEST 3 as a conformity certification body for: <ul style="list-style-type: none"> • Boiler, pressure vessel • Tanks and tanks have a pressure of 0.7 bar • Cranes of all kinds • Overhead cranes and gate cranes • Electric steering wheel, hand puller, winch from 1000 kg or more • Electric elevator • Raised table, raised floor • Gas mask • Filters used in respirators and gas masks • Industrial safety • Personal anti-fall system • Electric gloves • Insulated and safe shoes and boots
The designations of the Ministry of Construction (Updated on link)				
13	3634/TĐC-HCHQ	11/4/2023	Ministry of Construction	Regarding the appointment of QUATEST 3 to carry out certification of construction material products and goods in accordance with QCVN 16:2023/BXD; QDCN 195:2023; QDCN 161:2023 and applicable public standards.
14	158/GCN-BXD	24/5/2023	Ministry of Construction	Recognized the capacity of construction testing laboratory LAS-XD 666
15	43/BXD-KHCN	06/02/2013	Ministry of Construction	Approved QUATEST 3 in training laboratory management and lab technician for construction industry.
The designations of the Ministry of Industry and Trade (Updated on link)				
16	514/QĐ-BCT	28/02/2025	Ministry of Industry and Trade	The Ministry of Industry and Trade is responsible for designating the state inspection authority for food safety concerning imported food under its management.
17	731/QĐ-BCT	28/3/2024	Ministry of Industry and Trade	Designated QUATEST 3 as a food testing unit serving state management of food safety.
18	1600/QĐ-BCT	30/6/2023	Ministry of Industry and Trade	Designated QUATEST 3 as a conformity certification body (According to theme No 5 & No 7) and an inspection organization

No.	Decision No.	Issued date	Issued by	Content
				(According to theme No 7) of textile products in accordance with QCVN: 01/2017/BCT on the limit levels of formaldehyde and trans aromatic amines chemicals from azo dyes are issued together with Circular No. 21/2017/TT-BCT dated October 23, 2017.
19	1497/QĐ-BCT	21/6/2023	Ministry of Industry and Trade	Designated QUATEST 3 as a food testing body serving for the State management of food safety.
20	1368/QĐ-BCT	08/6/2023	Ministry of Industry and Trade	Designated QUATEST 3 as a organization for testing, inspection, and certification of tissue and toilet paper products in accordance with technical regulations QCVN 09:2015/BCT
The designations of the Ministry of Health (Updated on link)				
21	528/MT-LĐ	03/5/2024	Ministry of Health	Regarding the announcement of Technical Center for Quality Measurement Standards 3 as qualified to conduct labor environment monitoring according to the provisions of Decree No. 44/2016/ND-CP and Decree No. 140/2018/ND-CP.
22	85/QĐ-ATTP	03/5/2024	Ministry of Health	Designated QUATEST 3 as a food testing organization serving the State Management of food safety.
The certificates are audited and accredited by the Board of Accreditation (BoA)				

7. LEGAL STATUS

- ▶ Full name : Quality Assurance and Testing Center 3
- ▶ Short name: QUATEST 3
- ▶ Direct Management Authority: Directorate of Standards, Metrology and Quality
- ▶ Decision: Decision No. 1275/QĐ dated on December 5th, 1994 signed by the Minister of Ministry of Science and Technology.
- ▶ Organization and Operation: According to QUATEST 3's Charter on organization and operation promulgated in Decision No. 684/QĐ-TDC dated on April 22nd, 2019 by General Director of Directorate for Standards, Metrology and Quality (STAMEQ)
- ▶ Registration of Scientific and Technological Activities: According to Certificate No. A-559 dated on March 07th, 2006 signed by Minister of Ministry of Science and Technology.
- ▶ Business Registration and Tax Registration for Organization of Science and Technology: According to Certificate No. 0301281040 dated on June 17th, 2019 of Department of Planning and Investment of Ho Chi Minh City.

8. CONTACT



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