



STP GROUP'S CAPABILITY PROFILE

Solid Starting Point - Sustainable Foundation



CONTACT INFORMATION

Address

STP Group Headquarters
No. T151, Plot H4, 31ha Auction Zone,
Trau Quy Town, Gia Lam District, Hanoi



Hotline

Hotline: 19000246



Online

Email: infor@stpgroup.com.vn
Website: Stpgroup.com.vn



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CHAIRMAN OF THE BOARD OF DIRECTORS'S LETTER

With the dream of becoming a green, sustainable business that leaves a positive impact on the community and society, STP operates on the core values of

"Ethics - Intelligence - Determination".

To our esteemed partners, customers, and employees, on behalf of STP Group, I extend sincere and heartfelt gratitude to our employees, valued customers, and partners who have accompanied, shared, and collaborated with STP during this time.

With the aspiration to become a green, sustainable business that creates value for the community and society, STP operates on the core values of "Ethics - Intelligence - Determination".

With the pioneering mindset, the principle of "mind, body, wisdom" always aims for dedication, service, and bringing true and beautiful values to society.

Mr. Pham Quoc Chinh
CHAIRMAN OF THE BOARD OF DIRECTORS



CEO'S LETTER

A circular economy by all means, but not at all costs.

From the beginning of my entrepreneurship in the plastics industry, I have always been concerned about environmental issues. Therefore, I have chosen a unique direction to produce and supply environmentally friendly products made from HDPE materials.

Produced with advanced production lines, premium imported raw materials with strict standards, STP Group's HDPE products have been widely accepted by the market for use in various projects such as rural clean water supply, wastewater treatment, irrigation, agricultural irrigation, fire protection, transmission, sand dredging, etc.

On the path of development and global expansion, I also aspire to protect the blue of our homeland's seas, helping people sustainably prosper from the sea. STP has collaborated with partners to survey the market, research, and develop HDPE products for aquaculture at sea, replacing traditional materials, ensuring economic value for fishermen, and building a sustainable environment.

STP is determined to be a pioneer in building a circular economy in Vietnam through projects that meet green economic standards and environmental protection, combating climate change.

Ms. Nguyen Thi Hai Binh
CEO



BOARD OF DIRECTORS OF STP GROUP



MR. PHAM QUOC CHINH

Chairman of the Board of Directors



MS. NGUYEN THI HAI BINH

Member of the Board of Directors,
CEO of STP Group

SHAREHOLDERS STP GROUP



MR. NGUYEN VAN THANG

Member of the Board of Directors of STP Group



MR. NGUYEN QUOC CUONG

Member of the Board of Directors of STP Group



Ms. DO THI NGAN

Member of the Board of Directors of STP Group



Mr. NGUYEN HOANG CHUONG

Member of the Board of Directors of STP Group



Mr. VU ANH TU

Member of the Board of Directors of STP Group



Ms. HA THI THAO

Member of the Board of Directors of STP Group



Mr. NGUYEN HAI HA

Member of the Board of Directors of STP Group



Mr. VU THANH CONG

Member of the Board of Directors of STP Group



01. STP Group's Story

Brand Story

Operating Model

5-Year Business Plan

STP Infra Brand Story (Agricultural Infrastructure Sector)

STP Aquatech Brand Story (Aquatic Products Sector)

STP Group

Brand Story



Vision

Top 5 companies providing infrastructure for green and sustainable agriculture.



Core Values

Building a community of kind and unique individuals based on values:

ETHICS - INTELLIGENCE - DETERMINATION



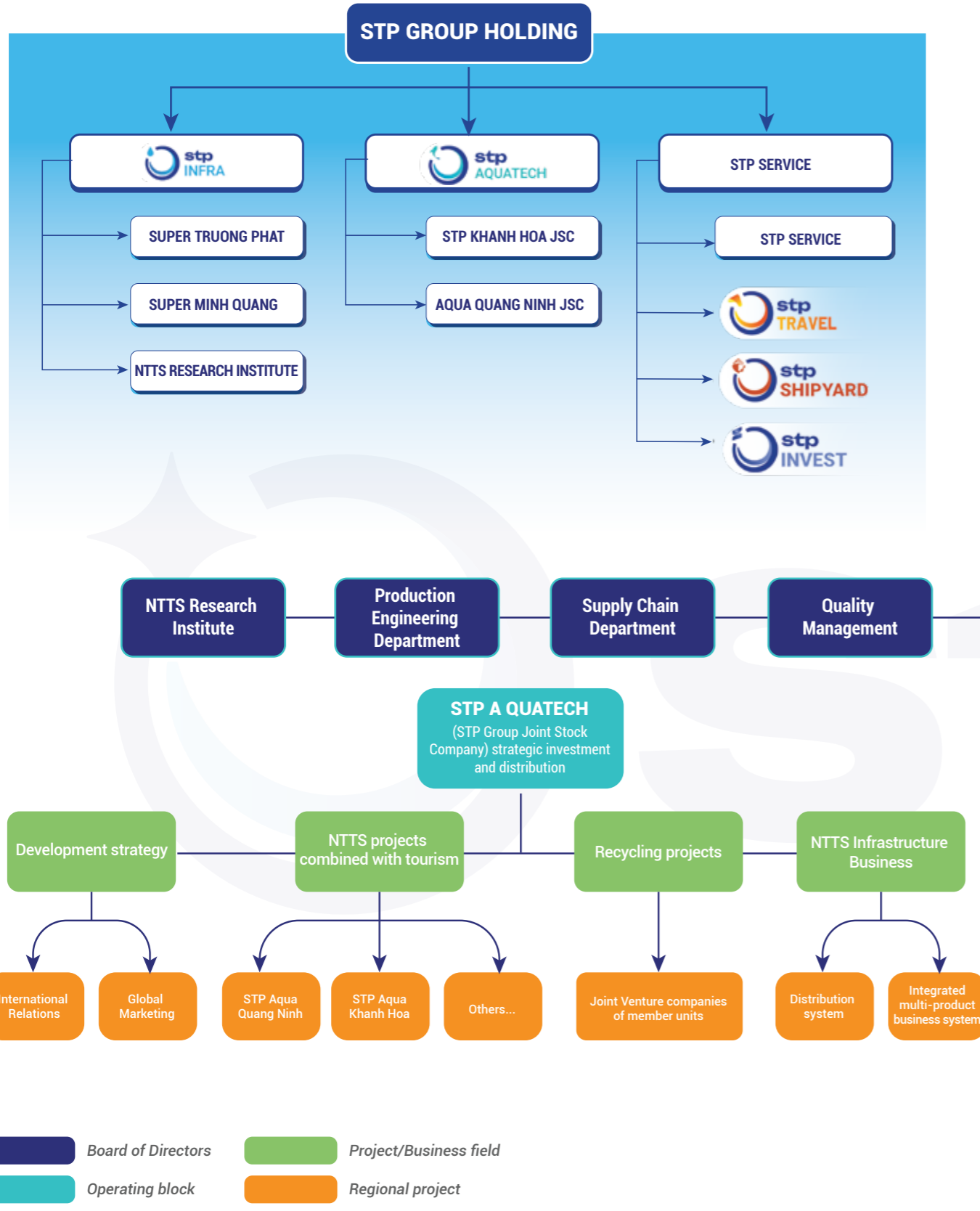
Mission

STP Group leads the way in building a **green economy chain**, bringing **sustainable development** to people's lives and the environment.

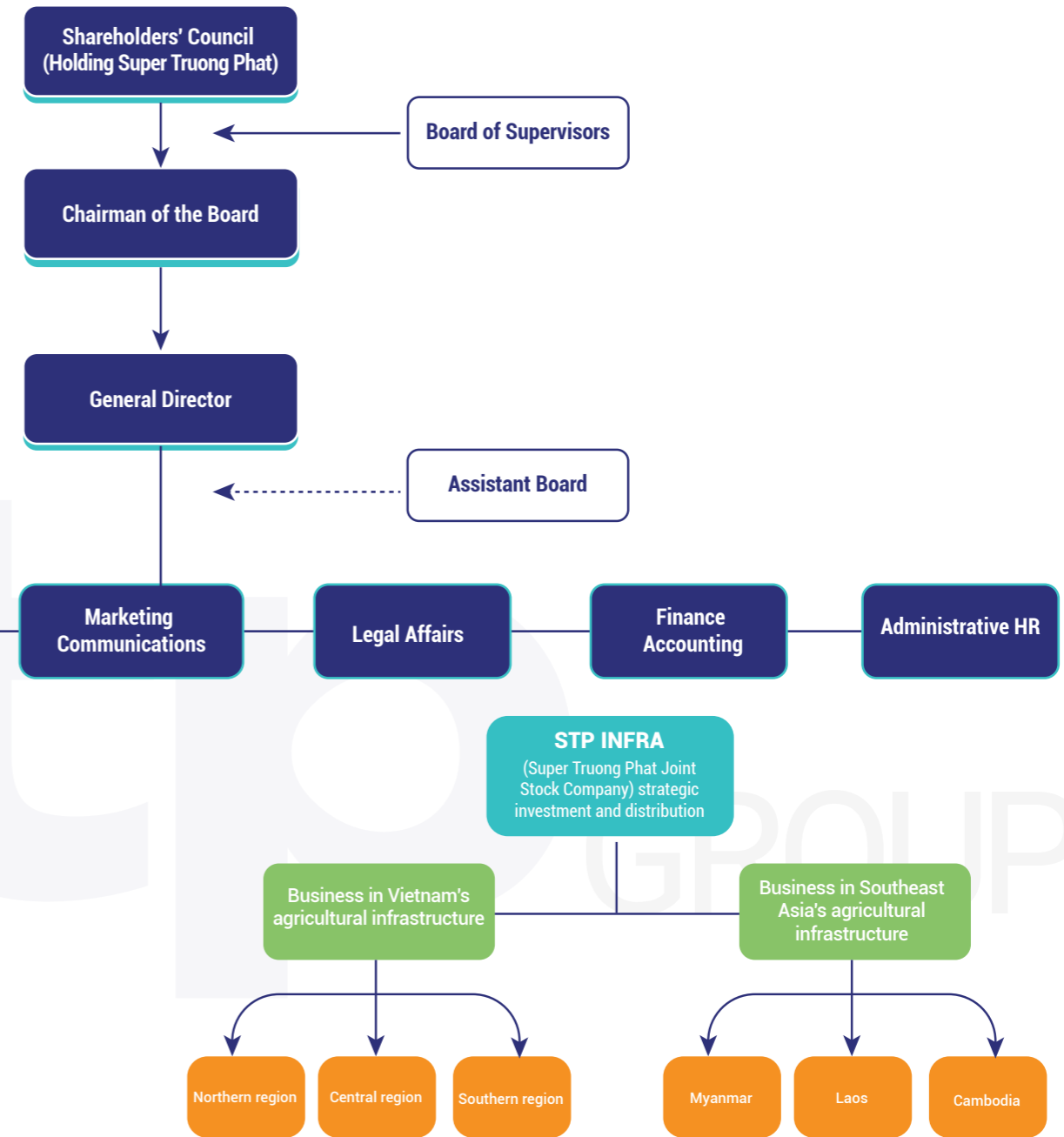




Management Model



Operating Model





For the next 5 years



Business expansion

Expand products and industries focusing on the ecosystem of green products, sustainable chain products, and environmental protection. Replicate into countries within the region.



Practice and transformation

Practicing ESG at the Group and converting current ESG projects into projects that promote national commerce.



Goal

The Group aims to have a green ecosystem, replicate the chain model, and achieve revenue of 2,000 billion.



HDPE pipe infrastructure solution

Brand story

STP INFRA

STP Infra believes that great projects always require a solid foundation. Therefore, we are always ready to work with partners to find the right solutions for projects by using the most durable materials.

STP Infra not only brings long-term economic benefits but also contributes to laying the foundation for prosperity and sustainable development of the community and society.

For over a decade, STP Infra has been a pioneer in applying HDPE products to construction projects, especially in water supply and drainage systems. This has laid the groundwork for the sustainable development of the community, society, and the country.

STP Infra - Solid with time





STP Aquatech - Strong foundation strong industry



Leading in aquaculture infrastructure

Brand story

The STP Aquatech

Vietnam's aquaculture industry is facing a great opportunity to excel in both quality and quantity. This contributes to the country's economic development.

However, rapid growth does not mean sacrificing the future for short-term gains. The biggest challenge is ensuring sustainable development for the aquaculture sector.

STP Aquatech believes that a sustainable industry and economy always require a strong foundation. This opens up opportunities for accumulation, improvement, and breakthroughs.

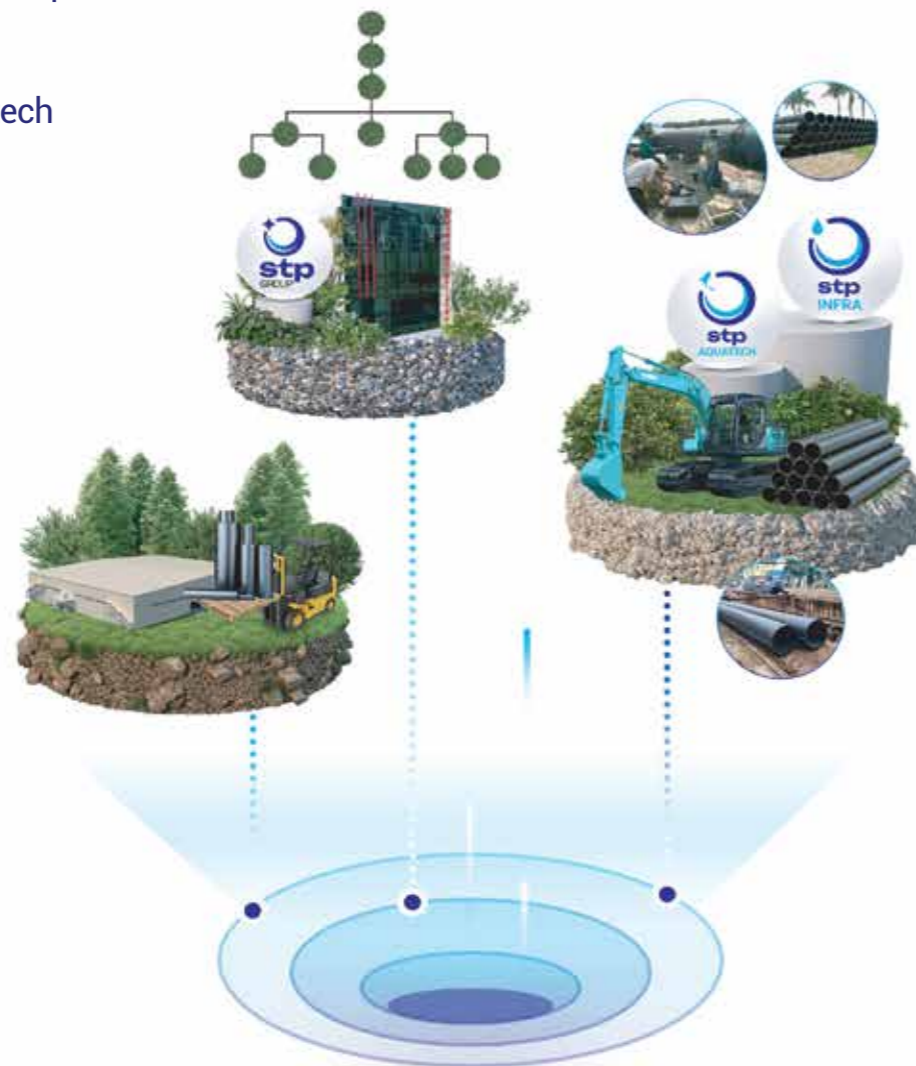
For this reason, STP Aquatech is ready to partner with stakeholders in building a sustainable aquaculture industry from the ground up - infrastructure. With this foundation, anyone entering the aquaculture sector can build a sustainable industry in harmony with nature.



02.

Scale and capacity of the enterprise

- Introduction of 3 factories
- ESG projects of STP Group
- Projects of STP Infra
- Projects of STP Aquatech



The overall scale

Introduction of 3 factories

We ensure compliance with TCVN, DIN, QCVN16, QCQP standards and implement the ISO 9001:2015 quality management system throughout our operations. Moreover, we boldly invest in the most advanced production lines and machinery from developed countries in Europe and Asia. Every product bearing the STP Group label is committed to meeting high-quality standards, guaranteeing that our customers receive products of exceptional quality that meet the required standards.



The overall scale

Introduction of 3 factories

STP Group's operations includes three production plants located in Hung Yen, Thai Binh, and Quang Ngai. Each year, the company supplies 138,000 tons of HDPE pipes, accessories, and products for the aquaculture sector to the market. These three factories play a crucial role in meeting the demands of the industry and showcasing STP Group's commitment to delivering high-quality products to its customers.



Thai Binh Factory **Hung Yen Factory** **Quang Ngai Factory**

STT	Hạng mục	Thai Binh Factory	Hung Yen Factory	Quang Ngai Factory
1	Introduction of factory foundation	7 years of experience	12 years of experience	10 years of experience
2	Area (m2)	11,000	50,000	18,000
3	Sản phẩm	Buoyancy floats, lifting buoys, and accessories made from HDPE materials	HDPE pipes from D20 to D1200, HDPE cages of various specifications for Northern and Central regions and for export	Construction/repair of composite boats, wooden/steel/composite fishing boats, and new boats.
4	Machinery, vehicles, and equipment	5 buoy blowing machines	15 production lines	Various machines for shipbuilding tasks
5	Production capacity	Nearly 20,000 tons per year	Nearly 80,000 tons per year	38,000 tons of HDPE pipes and cages per year; 50 boats per year, including the ability to build small canoes (under 14m) - 30 units and 6 large boats (14-40m) annually.
6	Workforce	Under 50 employees	Under 100 employees	Under 50 employees
7	Production processes and lines	TCCS 01:2023/STPGroup, QĐCĐP08:2020/QN	ISO9001:2015; QCVN16:2019/BXD; TCVN7305; DIN8074; DIN8075	ISO9001:2015; QCVN16:2023/BXD; TCVN7035; DIN8074; DIN8075



Category

EQUIPMENT

The equipment list provided showcases STP Group's commitment to prioritizing quality standards. With a focus on modern testing and laboratory equipment, STP Group's laboratory is recognized as a leading facility in the production of HDPE products. It has been certified by the Bureau of Accreditation (BoA) of the Ministry of Science and Technology for compliance with the international standard ISO/IEC 17025:2005.

The laboratory's testing and examination results are accurate and reliable, meeting international recognition standards. This ensures the credibility and accuracy of STP Group's testing processes.

ORDINAL NUMBER	EQUIPMENT CATALOG	ORIGIN	QUANTITY	OUTPUT
PRODUCTION MACHINERY AND EQUIPMENT				
1	HDPE pipe extrusion line D20 to D90	Imported	02 sets	2.320
2	HDPE pipe extrusion line D20 to D110	Imported	02 sets	4.320
3	HDPE pipe extrusion line D50 to D125	Imported	02 sets	5.184
4	HDPE pipe extrusion line D90 to D251	Imported	01 set	6.912
5	HDPE pipe extrusion line D90 to D315	Imported	01 set	6.192
6	HDPE pipe extrusion line D110 to D315	Germany	01 set	6.912
7	HDPE pipe extrusion line D140 to D500	Imported	01 set	7.776
8	HDPE pipe extrusion line D315 to D710	Imported	01 set	5.184
9	HDPE pipe extrusion line D200 to D500	Imported	02 sets	6.912
10	HDPE pipe extrusion line D280 to D630	Imported	02 sets	7.776
11	HDPE pipe extrusion line D630 to D1200	Imported	01 set	10.368
12	HDPE buoy blowing machine D800	Imported	02 sets	490
13	HDPE buoy blowing machine D1200	Imported	02 sets	490
14	HDPE buoy blowing machine D2500	Imported	01 set	455
15	Injection molding machine M1 1800T	Imported	01 set	50
16	Injection molding machine M2 2400T	Imported	01 set	65
17	Injection molding machine M3 3500T	Imported	01 set	85

EQUIPMENT FOR LABORATORY				
1	Air pressure blower	Imported	Set	02
2	Flexural testing machine	Imported	Set	02
3	Pressure testing machine	Imported	Set	01
4	Pipe impact testing machine	Imported	Set	02
5	Static hydraulic pressure testing system	Imported	Set	01
6	HDPE material elongation testing machine	Imported	Set	03
7	MI plastic quality testing machine	Imported	Set	01

SUPPORTING MACHINERY AND EQUIPMENT				
1	D160 HDPE pipe welding machine	Imported	Set	20
2	D200 HDPE pipe welding machine	Imported	Set	25
3	D250 HDPE pipe welding machine	Imported	Set	30
4	D315 HDPE pipe welding machine	Imported	Set	30
5	D450 HDPE pipe welding machine	Imported	Set	20
6	D630 HDPE pipe welding machine	Imported	Set	30
7	D800 HDPE pipe welding machine	Imported	Set	15
8	D1200 HDPE pipe welding machine	Imported	Set	15
9	Automatic end cap welding machine	Japan	Set	02
10	75KW air compressor	Japan	Set	02
11	55KW water cooling system	Japan	System	03
12	75KW water cooling system	Imported	System	03
13	2-ton forklift	Imported	Piece	02
14	2.5-ton forklift	Imported	Piece	02
15	3-ton forklift	Imported	Piece	02
16	3.5-ton forklift	Japan	Piece	02

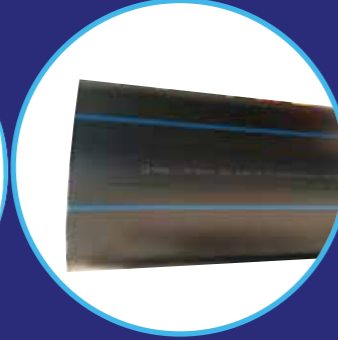
TRANSPORTATION ITEMS				
1	5-ton truck	South Korea	Piece	10
2	8-ton truck	South Korea	Piece	08
3	16-ton truck	South Korea	Piece	08



STP Group is a company that manufactures and provides comprehensive solutions for agricultural infrastructure, offering products such as:



HDPE pipes D20



HDPE pipes D1200



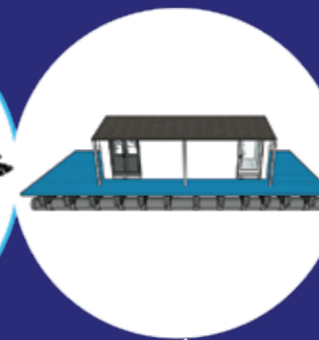
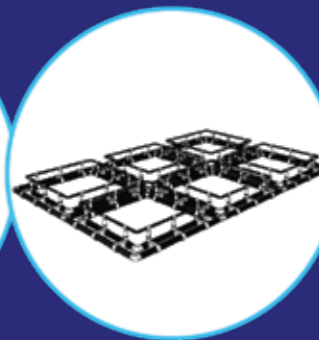
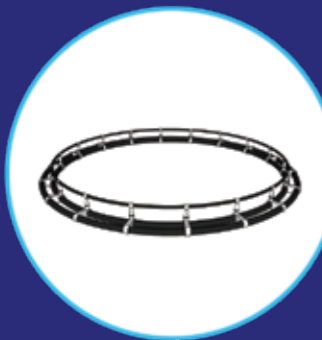
HDPE fittings



Blue floating buoys



HDPE infrastructure cages



HDPE floating cage systems for diverse aquaculture sizes and designs tailored to each farming region.

INPUT MATERIALS

STP Group's products use materials of high and stable quality, imported from famous suppliers from Arabia and Korea.



대한유화주식회사
KOREA PETROCHEMICAL IND. CO., LTD.



SAMSUNG C&T

KPIC CORPORATION
HERIPI BUILDING, 36, NAMCHEONGDAE
5-OL, JANG-IL, SEOUL, KOREA

DATE: DEC. 18, 2018

CERTIFICATE OF ANALYSIS

WE, KPIC CORPORATION, AS A MANUFACTURER, HEREBY CERTIFY THAT THE ANALYSIS OF FULL SPECIFICATION OF GOODS SHIPPED AS UNDER:

*DESCRIPTION OF GOODS: COMMODITY: MATERIAL: HDPE PIPE QUANTITY: 34 MTS (4-SPTS)
*LC NO. AND DATE: 3521337053004 AND DEC-18, 2018
*CONTRACT NO.: CON2018110192

*SPECIFICATION

PROPERTY	TEST METHOD	UNIT	RESULT
EDF NO.			704522
QUANTITY (MT)			34MT
Wall Index	ASTM D1228	g/13mm	0.22
Density	ASTM D1505	g/cm ³	0.952
Tellurium Index	ASTM D1925	-	-3.4
Contamination	KPIC Method	ppm	1
Weight of 10 pellets	KPIC Method	g/30sec	0.85
Appearance	KPIC Method	-	GOOD

THE ABOVE VALUES ARE Y USUALLY TYPICAL PROPERTIES, BUT DONOT CONSTITUTE SPECIFICATION LIMITS.
THESE DATA MAY VARY ACCORDING TO PRODUCE CONDITIONS.

VERY TRULY YOURS,
KPIC CORPORATION
KPIK

Certificate of Origin

Date of Issue: 18.12.2018

Order Number: 900911437

Delivery: 4032105

Shipment No: 352111

Exporter: Borouge Pte Ltd

Importation/Consignee: Young Inha Seol, Ajou Bank Company, Nat 10 Limited Ngai Shun Quany, Street, Gia Lam District, Ha Noi Vietnam

Material	Country of Origin	Quantity (MT)
Grade: K43400, S-110 polyethylene	USA	34.750
Grade: K43400, S-110 polyethylene	USA	34.750
Total		69.500

LC NO: 3521337053004 (24 DEC 18) 181204



STP Group's ESG Projects

Seaweed Production Chain Linkage Project in Vietnam

Project Background

Introduction to Seaweed

Introduced to Vietnam in 1993, seaweed has become a sustainable livelihood for coastal communities. Seaweed is a highly popular food due to its nutritional value. It is also a vital ingredient for extracting Carrageenan - a necessary adhesive for the food, cosmetics, pharmaceutical, biotechnology industries, etc.

Market Situation and Potential

The demand for seaweed continues to rise, yet domestic production only meets 50% of the market demand. To fully exploit the seaweed potential, bold investments, organized production, and modern technology application by strong enterprises are needed. This aims to create high-quality products, ensure sustainable production environments, and meet market demands.

Project Objectives

To establish and directly operate an industrial marine aquaculture farm complex at sea, specifically:

- Collaborate with local enterprises and communities to build a closed-loop seaweed production chain from seedlings, infrastructure, supplies, supporting technology, cultivation, processing, and consumption.

Develop other marine aquaculture models (experimental cultivation of oysters and mollusks) combined with experiential activities. This multi-value approach aims to conserve the environment and contribute to economic development for local communities.

- Transform the landscape of the modern marine aquaculture industry in Vietnam by applying environmentally friendly HDPE and + Composite materials for aquaculture infrastructure. These aim to replace traditional, short-lived, environmentally harmful materials like foam floats, toxic plastic cages. Additionally, apply modern sea farming practices.

Project Information

Project Implementation Locations:

- Van Don and Cam Pha districts, Quang Ninh province, Vietnam.
- Ninh Hai district, Ninh Thuan province, Vietnam.

Project Test Site Location: STP Farm, Phat Co Island, Ha Long commune, Van Don, Quang Ninh.

Project Output Products: Cultivated marine products, specifically:

- Main product: Seaweed (kelp).
- Other products: Currently experimenting with mollusk species (Pacific oysters).

Production Capacity:

5,206 tons of dried seaweed per year.

Operating Period: 50 years, including an initial 30-year permit with the possibility of a 20-year extension if the project operates efficiently according to Land Law regulations.

STP Group

is one of the pioneering units in introducing HDPE technology into "greening" marine environments, including the project "Seaweed Production Chain Linkage in Vietnam". This project is designed and implemented with the goal of conserving coastal resources, extending the agricultural value chain, and improving the livelihoods of local communities.





Project ESG of STP Group

High-tech Marine Aquaculture Project

A model of high-tech marine aquaculture, applying advanced technology to reduce water pollution and increase the value chain of aquaculture, is essential for the sustainable development of the industry. Based on this foundation, STP Group proposes to invest in the "High-tech Marine Aquaculture" project in Ninh Hai district, Ninh Thuan province.



Project Context

Current Situation of Marine Aquaculture in Ninh Thuan

Ninh Thuan is an area rich in marine resources and is one of the key fishing grounds in Vietnam. It is also an ideal habitat for economically valuable aquatic species. However, marine aquaculture in Ninh Thuan currently faces many challenges and is still largely informal. The infrastructure and technological capabilities are limited, and the technical skills of the local people do not meet the requirements.

Marine aquaculture in Ninh Thuan is currently only developed in certain nearshore areas due to simple farming techniques and rudimentary farming structures. Furthermore, legal regulations regarding marine aquaculture organization are incomplete, lacking policies to encourage its development.

The Need for the Project

Traditional aquaculture methods provide low economic efficiency and are not environmentally friendly. Therefore, applying scientific and technological advances to infrastructure and farming techniques is necessary to establish modern, efficient, and sustainable marine aquaculture processes.

In the near future, high-tech cage and pen aquaculture models at sea will increasingly become a necessary trend. Among these, the HDPE cage aquaculture technology is identified as suitable and essential to ensure safe, environmentally friendly, and high-yield marine aquaculture processes.

Project Objectives

General Objectives:

- Aim for industrial-scale marine aquaculture integrated with modern aquaculture technology and processes.
- Produce safe, high-quality, branded food products.
- Establish a model of domestic enterprise chain linkage in the breeding of seedlings - veterinary medicine - feed production - processing - distribution and export.

- Combine experiential tourism, ecotourism, and local tourism. Additionally, contribute to ensuring national security in coastal and island regions.
- Train and promote industrial aquaculture processes to local fishermen. Simultaneously, create livelihoods, employment opportunities, and gradually increase income and living standards for people while preserving the marine ecological environment.

Specific Objectives

Investment - Construction - Operation of a high-tech marine aquaculture farm on an industrial and modern scale in the planned marine area of Ninh Thuan province.

Project Information

Location: Coastal area in Zone C for aquaculture planning in Ninh Hai district and part of the land area at the expanded My Tan fish market, Thanh Hai commune, Ninh Hai district, Ninh Thuan province.

Total area: Total land area is 101.4 hectares. Of which, water surface for aquaculture is around 100 hectares, and land area for support facilities is about 1.4 hectares.

Project Scale:

- Support area on land: Administrative office, staff accommodation, storage warehouse, cage farming construction area, processing area, docking area, internal roads, and yard.
- Coastal area: System of aquaculture cages, buffer zone, transportation system, fish pens, and service area.

Aquaculture Infrastructure: Designed capacity of 50 round cages with diameters ranging from 20 to 30 meters for fish farming and 500 seaweed cultivation rafts (cultivated in rotation by 70% of the quantity to ensure environmental rest).

Implementation period: 50 years.

Labor demand: 50 - 60 people.

Products, services provided: Farmed marine products: Red snapper, golden pomfret, grouper, seaweed, and various types of mollusks...



ESG Projects of STP Group

Prevention, reduction, and recycling of abandoned fishing gear waste in Vietnamese coastal areas, known as REVFIN

With the desire to support sustainable economic development and protect the marine environment alongside local fishermen, STP Group stands at the forefront in combating the issue of marine debris left in the ocean.

Project Name

Prevention, reduction and recycling of fishnet pollution in Vietnamese coastal waters (REVFIN).

Current Situation of Fishing Gear Waste

Fishing gear waste, also known as "ghost gear", refers to abandoned, lost, or discarded fishing gear at sea. According to the **World Wildlife Fund Vietnam (WWF-Vietnam)**, ghost gear accounts for at least 10% of ocean plastic waste. This type of waste poses a significant threat to marine life and impacts the livelihoods of coastal communities. However, the impacts of ghost gear in Vietnam are often underestimated and poorly understood.

As a pioneer in researching environmentally friendly high-tech aquaculture products, STP Group has launched the project "**Prevention, reduction, and recycling of fishnet pollution in Vietnamese coastal waters**". This project aims to address the issue of fishing gear waste and raise awareness within the community about marine environmental protection.

Project Objectives

The project focuses on addressing the problem of abandoned fishing nets in Vietnamese coastal areas to reduce the amount of unused, lost, or discarded fishing nets. It also aims to enhance awareness to prevent gear loss for businesses/fishermen and fisheries management agencies in Vietnam. The project aims to reduce environmental impact, create a market for recycled raw materials from these sources, and establish a closed-loop value chain. Specifically, the project aims to:

- Reduce unused, lost, or discarded fishing gear from coastal fishing activities. The project will provide clear data on the product lifecycle stages of fishing nets. This data will offer more detailed information for seafood businesses and fisheries management agencies to enhance awareness and prevent gear loss.
- Implement a closed-loop economy in the seafood industry: As a secondary impact of the project, this involves creating a market for recycled raw materials.
- Design environmentally friendly recycled products: The project will propose alternative solutions, focusing on increased recycling and the use of environmentally friendly materials.
- Apply research results from the project to develop educational programs at university institutions.
- Enhance environmental awareness and promote sustainable development actions.

The project directly targets 4 main groups:

- Small and medium seafood businesses (mainly in Quang Ninh in the North, Khanh Hoa in the Central, and Kien Giang in the South) and their employees.
- Universities: Partner demonstration locations/places in Vietnam (universities) aimed at enhancing capacities for lecturers and students.
- General public, especially in the mentioned provinces, regarding the impact of fishing gear waste.
- Fisheries management agencies and other relevant stakeholders in Vietnam.





Aquaculture Project



Modern industrial-scale marine aquaculture combined with experiential activities in Quang Ninh Province

Investor: STP Group

Project Details:

- Integrated marine aquaculture farm combined with experiential activities.
- Scale: 422.5ha (1 support area on land and 3 marine aquaculture farms).

Marine aquaculture combined with experiential activities in Van Don, Quang Ninh

Investor: STP Group

Project Details:

- Experimental marine aquaculture farm combined with experiential activities.
- Scale: 5ha.

Industrial-scale marine aquaculture project in Vinh Nguyen Ward, Nha Trang City, Khanh Hoa Province

Investor: STP Group

Project Details:

- Industrial-scale marine aquaculture model.
- Scale: 180ha (divided into 3 phases: 30 - 50 - 100).

High-tech marine aquaculture in Ninh Hai District, Ninh Thuan Province

Investor: STP Group

Project Details:

- High-tech marine aquaculture model.
- Scale: 100ha (divided into 2 phases: 50 - 50).



STP Infra Project

International Agricultural Infrastructure Project



Mandalay City Development Committee

Investor: Mandalay City Development Committee (Government tender).

Project Details: HDPE pipe water distribution project in Mandalay, Myanmar.

ICRC Organization

Investor: International Red Cross Committee

Project Details:

- HDPE pipe distribution project in Maung Daw, Myanmar.
- HDPE pipes, fittings, welding machines.



FEB Factory

Investor: PEB Steel Factory

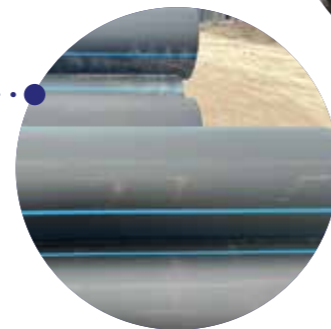
Project Details:

- Water distribution project in Thialawa, Myanmar.
- HDPE pipes, fittings

International Elementary School

Project Details:

- Water distribution project in Star City, Myanmar.
- HDPE pipes, fittings.



SCG Cement Factory

Investor: SCG.

Project Details: Water distribution project in Maw-lamyine, Myanmar.



Infra Project

Infrastructure Project

Domestic Water Supply, Irrigation, Agriculture Project



Construction of a seawater shrimp farming water supply system using Vietgap standard technology (pipes ranging from D400 PN100 to D800 PN10).

Contractor: Minh Quang Limited Liability Company.
Investor: Quynh Luu District Project Management Board, Nghe An.



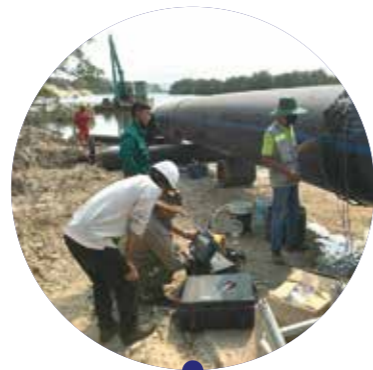
Water supply project in Dak To - Kon Tum

Contractor: UTILITY WATER Vietnam.



Nha Trang City - Khanh Hoa wastewater drainage project (D710 PN6 pipes)

Contractor: Construction and Rural Development Joint Stock Company.
Investor: Khanh Hoa Province Development Project Management Board.



Nam Lum hydroelectric project (D900 PN6 pipes)

Contractor: CSC Thang Long.



Tam Thanh Dam irrigation project, Ba Che, Quang Ninh (pipes from D400 downwards)

Contractor: Son Ha Joint Stock Company.
Investor: Ba Che Project Management Board, Quang Ninh.



High-tech agricultural irrigation project in Laos and Cambodia (pipes ranging from D630 to D800 PN10)

Contractor: Thaco Chu Lai.
Investor: Thaco Truong Hai.



Ea H'leo cattle breeding farm (D560 PN10 pipes)

Contractor: Thadi Agri.
Investor: Thaco Truong Hai.



NT-1.8 package in Phan Rang Thap Cham City, Ninh Thuan Province.

Water supply for Quang Yen town (D630 PN10 pipes)

Contractor: Dai An Joint Stock Company



STP Infra Project

Infrastructure Project Domestic Water Supply and Drainage Project



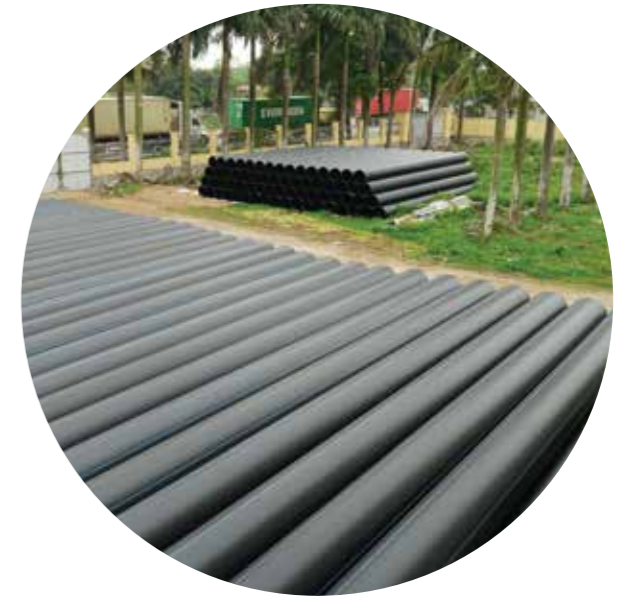
Construction of infrastructure along N3 road, a section of D3 road, and a section of open canal N4 at VSIP Bac Ninh II (HDPE pipes D100 PN6 D400x15.3mm)

Contractor: Bac Thai Investment and Construction Company Limited.



HDPE pipe D450
Project: **Ea Hleo irrigation lake**

Investor: Project Management Board of traffic works and agriculture and rural development of Dak Lak province.



Khanh Binh resettlement area, Khanh Vinh Town, Khanh Hoa Province (HDPE 100 PN10 pipes)

Contractor: NT Technical Services Trading Limited Liability Company.



Ống HDPE D1000 PN8
Dự án: Hệ thống chuyển nước Tân Mỹ, hồ Bà Râu, hồ Sông Trâu

Chủ đầu tư: Ban quản lý đầu tư và xây dựng thủy lợi 7.



But Tua irrigation project in Bhlô village, Song Kon Commune (HDPE 100 PN10, HDPE 100 PN8 pipes)

Contractor: Trong Tin Joint Stock Company.



D1200 pipe project
- Investor: Vietnam
- Singapore limited liability joint venture company



Urgent handling of riverbank and coastal erosion in the Mekong Delta region

Construction of riverbank erosion protection embankment in An Giang Province.

Contractor: My Luong Trading Services Construction Limited Liability Company. Mỹ Luông.



STP Infra Project

Infrastructure Project Domestic Water Supply and Drainage Project



Domestic water supply for Cao Lau Commune and Cong Son Commune, Cao Loc Dis- trict, Lang Son Province

Scope: Supplying products for the water supply project.
Investor: Department of Agriculture and Rural Development of Cao Loc District.



Regular environmental cost project in 2023 - Cam Pha, Quang Ninh.



Providing clean water for 8 districts in Lai Chau Province



Replacing filter materials, repairing, and maintaining the Nam Trang Bach - Cam Pha - Quang Ninh waste- water treatment plant



Renovation and upgrading of roads in Mau Don hamlet, Ngu Loc hamlet, and Hamlet 12, Hung Loc Commune

Length: 380m.
Address: Vinh City, Nghe An Province.
Contractor: Thanh Dung Trading Joint Stock Company.



Construction of an iron ore plant in Hung Khanh Commune, Tran Yen Dis- trict, Yen Bai Province

Scope: Supplying products for the drainage project.
Investor: Thuan Thong Dat Mineral and Trading Joint Stock Company.



Tea irrigation project in My Bang Commune, Yen Son District, Tuyen Quang Province

Scope: Supplying products for the irrigation project.
Investor: Yen Son District Management Board of Investment Projects.



Construction of Phase 1 infrastruc- ture package 2B at VSIP Bac Ninh II

Scope: Supplying products for the drainage project.
Investor: VSIP Bac Ninh Limited Liability Company



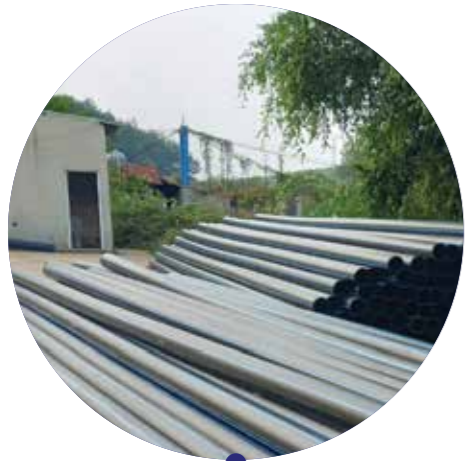
Construction of Camel Beer Facto- ry in Cam Tuyen Industrial Park, Cam Lo, Quang Tri

Scope: Supplying products for the drainage project.
Investor: Bac Ninh Beverage Alcohol Soft Drink Company Limited.



STP Infra Project

Infrastructure Project Domestic Water Supply and Drainage Project



Technical infrastructure for Nam Dong Nan 2 new residential area, Trieu Son Town, Trieu Son District, Thanh Hoa Province

Scope: Supplying products for the water supply project.
Investor: Investment Project Management Board of Ba Thuoc District.



Domestic water supply for Doan Hung Town, Phu Tho

Scope: Supplying products for the water supply project.
Investor: Doan Hung Water Supply Joint Stock Company.



ADB Wastewater Treatment Project, Phat Diem Town, Ninh Binh Province (D630, D225 pipes)

Investor: Kim Phat Company



Expansion of Hoang Van Thu resettlement area, Dong Dang Town, Cao Loc District, Lang Son Province

Scope: Supplying products for the water supply project.
Investor: Investment Project Management Board of Cao Loc District.



An Nhon Water Plant Project, An Nhon Town, Binh Dinh Province (D63, D90, D110, D160, D225 pipes)

Investor: An Nhon Construction Joint Stock Company



Infrastructure auction area in Xuan Lam Commune, Thuan Thanh District, Bac Ninh Province

Scope: Supplying products for the water supply project.
Investor: People's Committee of Xuan Lam Commune, Thuan Thanh District, Bac Ninh Province.



Urgent treatment of interspersed resettlement area in Bo Village, Lung Cao Commune, Ba Thuoc District, Thanh Hoa Province

Scope: Supplying products for the water supply project.
Investor: Investment Project Management Board of Ba Thuoc District.



Urgent treatment of Cay Phay Lake in Cat Tan Commune, Nhu Xuan District, Thanh Hoa Province

Scope: Supplying products for the water supply project.
Investor: People's Committee of Nhu Xuan District.



Vu Yen Golf Course, VSIP Thuy Nguyen, Hai Phong

Scope: Supplying products for the water supply project.
Investor: VSIP Hai Phong Limited Liability Company.



Project STP Aquatech

Aquatic Infrastructure Project

Cage and Aquaculture Farm Project



Floating Fish Farming Complex in Cat Ba

Floating houses with lifting systems, integrated self-contained waste treatment WC.
Cluster of 16 3x4 Lego assembly cages.
Address: Cat Ba, Hai Phong.

04 12m Diameter HDPE Round Cages Project in Thanh Hoa

04 12m Diameter HDPE Round Cages.
Address: Hon Me, Thanh Hoa.



Cluster of 6 4mx8m Cages for Fish Farming in Kien Giang

Cluster of 6 4mx8m Cages.
Address: Hon Nghe, Kien Giang.

Cluster of 4 5mx5m Cages Project in Vung Ro, Phu Yen

Cluster of 4 5mx5m Cages.
Address: Vinh Vung Ro, Phu Yen.



Aquaculture Cage Cluster Project in Nui Thanh, Quang Nam

Cluster of 5x5m, 5mx10m cages, and 12m diameter round cages.
Address: Tam Hai, Nui Thanh, Quang Nam.



Project STP Aquatech

Aquatic Infrastructure Project

HDPE Buoy Project



Pearl Oyster Farming Milk Buoy Platform Project in Phat Co Cooperative, Van Don

HDPE pearl oyster farming milk buoy platform.
Address: Phat Co Cooperative, Van Don, Quang Ninh.



Seaweed Farming Buoy Project in Van Don, Quang Ninh

HDPE seaweed and pearl oyster farming buoy project.
Address: Van Don Farm, STP Group.

Pearl Oyster Farming Buoy Project in Cam Pha, Quang Ninh

HDPE pearl oyster farming buoy.
Address: Cam Pha, Quang Ninh.



Pearl Oyster Farming Buoy Project

Pearl oyster farming buoy platform project.
Investor: BIM Group.
Address: Van Don, Quang Ninh.

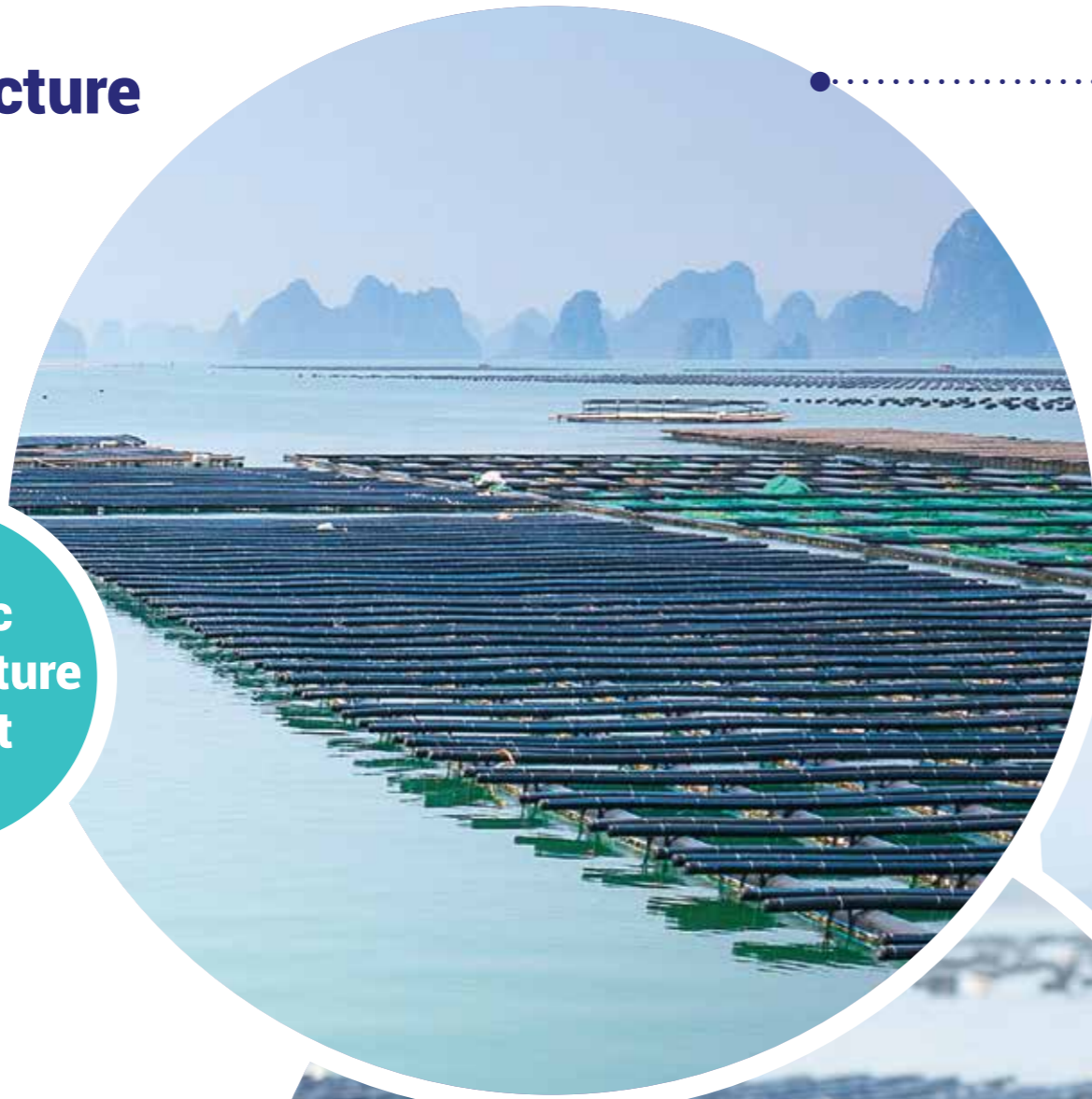




Project STP Aquatech

Aquatic Infrastructure Project

Aquatic Infrastructure Project



Seaweed and Pearl Oyster Farming Platform Project in Van Don

HDPE platform for combined seaweed and pearl oyster farming.
Location: Phat Co, Van Don, Quang Ninh.



River Jellyfish Farming Platform Project in Quang Yen

9m x 9m jellyfish farming platform.
Address: Quang Yen, Quang Ninh.

Jellyfish Farming Platform Project in Van Don, Quang Ninh

HDPE jellyfish farming platform.
Location: Phat Co, Van Don, Quang Ninh.





Project STP Aquatech

Aquatic Infrastructure Project



Exported Tilapia Fish Farming Project

Product: HDPE round cage.
Location: Hoa Binh Hydropower Reservoir.
Investor: Mavinex.



Freshwater Lake Fish Farming Project

Product: HDPE rectangular cages.
Location: Son La/Lai Chau.



Hydropower Fish Farming Project

Product: HDPE round cage.
Quantity: 53 cages.
Location: Thac Ba, Yen Bai.



Freshwater Catfish Farming Project

Product: 5x5m HDPE square cages.
Quantity: 10 cages.
Location: Ngan Truoi Hydropower Reservoir, Ha Tinh.



Brackish water Lake Fish Farming Project

Product: 5x5m HDPE cages, 4x8m HDPE cages.
Quantity: 05 cages.
Location: Van Don, Quang Ninh.



Round Cage Fish Farming Project

Product: 12m diameter HDPE round cages.
Quantity: 07 cages.
Location: Cam Pha, Quang Ninh.



Hon Me Aquaculture Cage Cluster Project, Thanh Hoa

Product: 12m diameter HDPE round cages.
Quantity: 04 cages.
Location: Hon Me, Thanh Hoa.



Nui Thanh Aquaculture Cage Cluster Project

Product:
Cluster of 06 5x5m HDPE cages, cluster of 04 5x5m HDPE cages, cluster of 02 5x5m HDPE cages, 12m diameter HDPE round cages.
Location: Tam Hai Commune, Nui Thanh District, Quang Nam Province.



Project STP Aquatech

Aquatic Infrastructure Project



Vung Ro Sea Fish Farming Project

Product: 5x5m HDPE cage cluster.
Quantity: 04 cages.
Location: Vung Ro Bay, Phu Yen province.



Cau River Sea Fish Farming Project

Product: 16m diameter HDPE round cage.
Quantity: 07 cages.
Location: Cau River, Phu Yen.



Golden feather fish Farming project

Product: 20m diameter HDPE round cage.
Quantity: 04 cages.
Location: Ninh Phuoc, Ninh Thuan.



Binh Ba Sea Fish Farming Project

Product: 4x8m HDPE cage cluster.
Quantity: 06 cages.
Location: Binh Ba, Khanh Hoa.



Hon Nghe Fish Farming Project

Product: 4x8m HDPE cage.
Quantity: 06 cages.
Location: Hon Nghe, Kien Giang



Cat Ba Aquaculture Cage Cluster Project

- Total project area:** 318m².
- 100% HDPE floating system with 74m² HDPE floor.
 - Prefabricated house of 24m² including: living room, kitchen, self-contained toilet with wastewater treatment system.
 - 16 HDPE cages 3x4m LEGO assembly, easily replaceable, expandable, and stackable; composite operating platform; hanging net hooks.

Location: Cat Ba, Hai Phong.



Con Dao Fish Farming Project

Product: 5x5m HDPE cage.
Quantity: 09 cages.
Location: Con Dao, Ba Ria - Vung Tau.



Ba Nhat Floating Restaurant Project

Total project area: 74m².
100% HDPE floating system with 74m² floor area.
Location: Cam Pha, Quang Ninh.



03.

Strategic Partners



Partner
Sea salt infrastructure



Partner
Recycle marine trash



Partner
Marine breeds

STP GROUP - STRATEGIC PARTNERS



STP GROUP - STRATEGIC PARTNERS





04.

LICENSES & CERTIFICATIONS PRODUCT



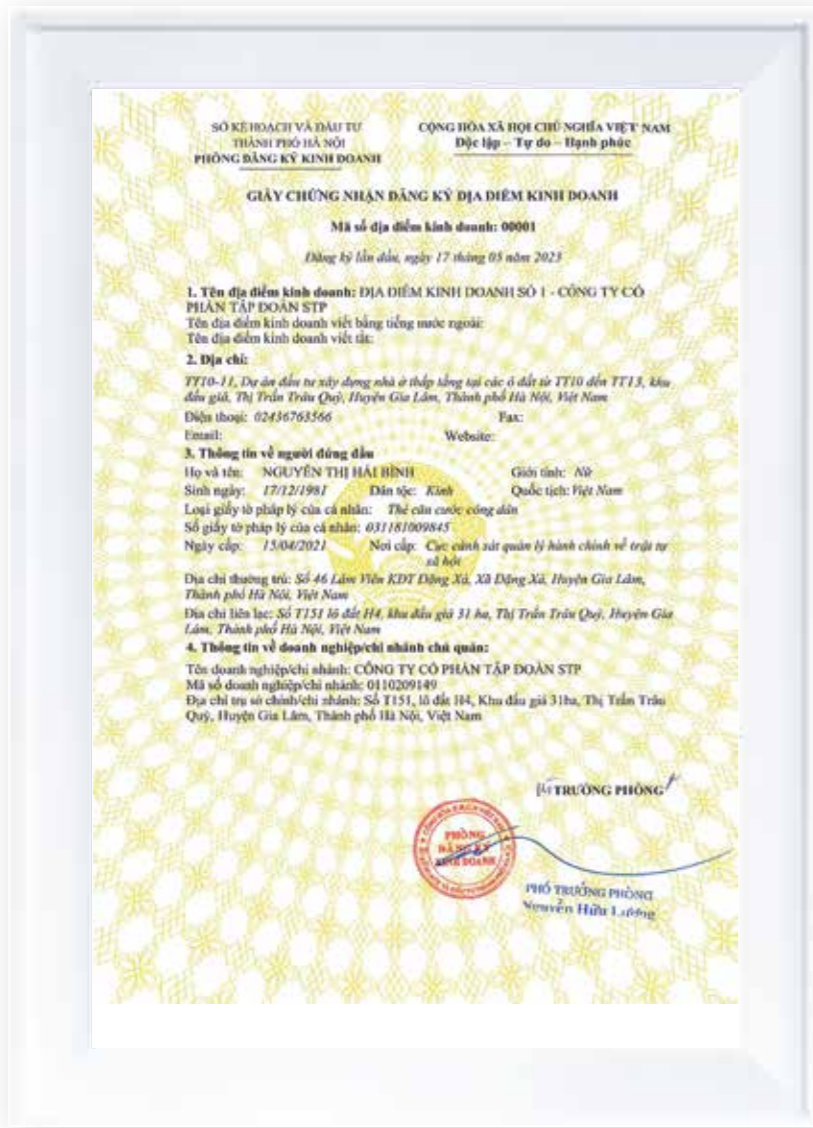
Quatest1



License

Business registration certificate and trademark

Register STP GROUP Business

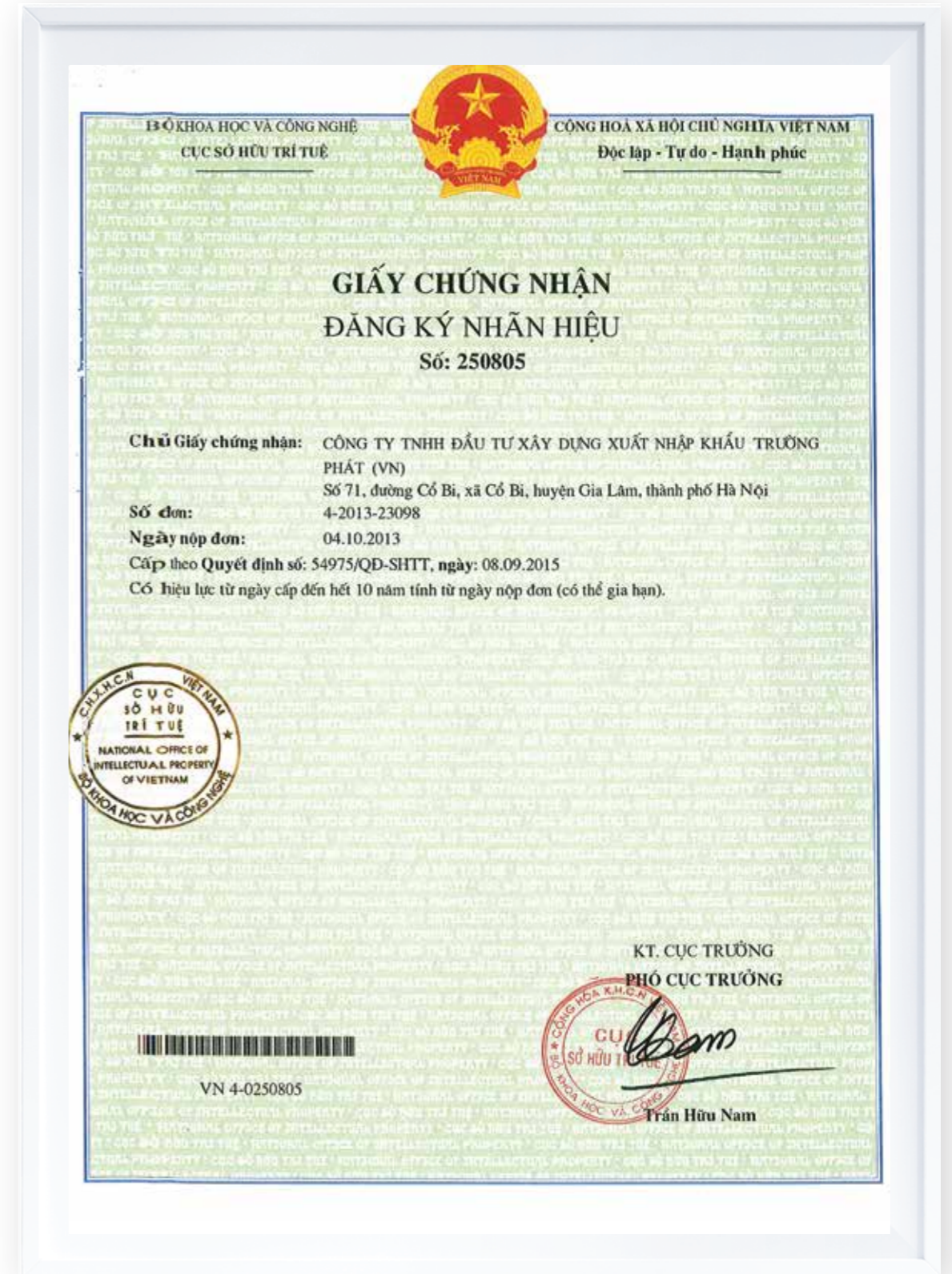
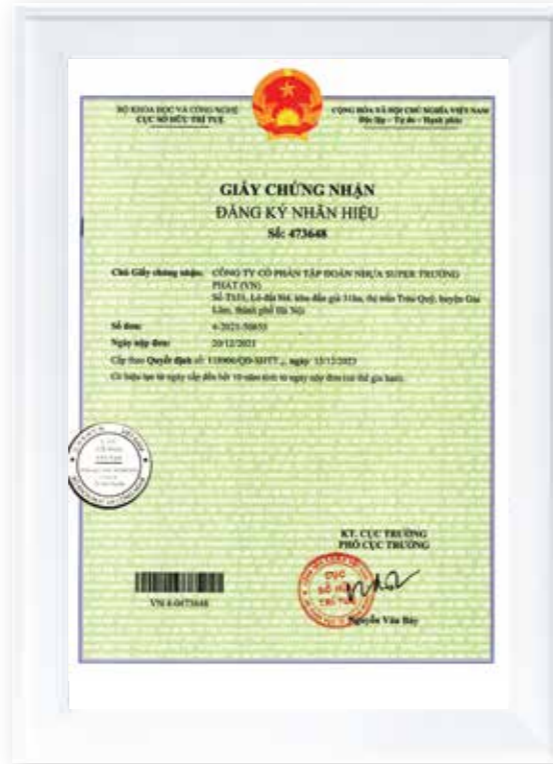


Business registration TRUONG PHAT



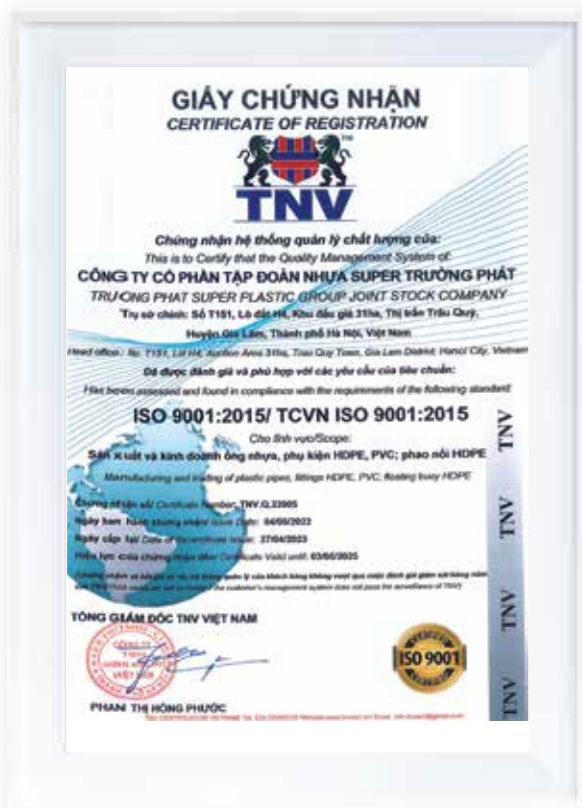
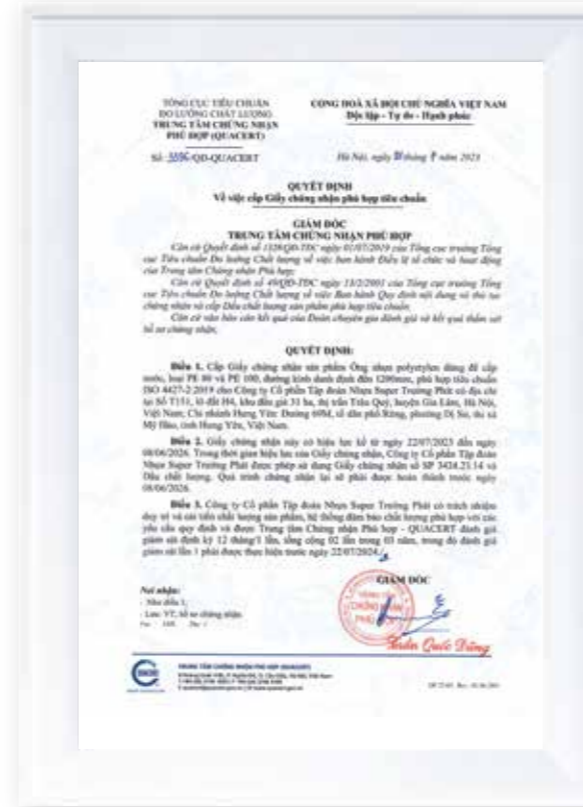


License Business registration certificate and trademark





Product certification document





Product Test Result Certificate

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VIET NAM INSTITUTE FOR BUILDING MATERIALS - MINISTRY OF CONSTRUCTION
VILAS 003 - TRUNG TÂM THIẾT BỊ, MÔI TRƯỜNG & AN TOÀN LAO ĐỘNG
VILAS 003 - CENTRE FOR EQUIPMENT, ENVIRONMENT & LABOUR SAFETY
Địa chỉ (Address): 235 đường Nguyễn Trãi, quận Thanh Xuân, thành phố Hà Nội
Điện thoại (Tel): (+84) 43.858.2217; Fax: (+84) 43.858.1112;
Website: http://vibm.vn/; E-mail: thietbimotruong@vibm.vn

PHIẾU KẾT QUẢ THỬ NGHIỆM
TEST REPORT
Số (No): **333E_NLXD-TBMT**

1. Cơ quan gửi mẫu (Client): TRUNG TÂM CHỨNG NHẬN PHÙ HỢP (QUACERT)
2. Đơn vị sản xuất (Manufacturer): CÔNG TY CỔ PHẦN TẬP ĐOÀN NHỰA SUPER TRƯỜNG PHÁT
3. Loại mẫu (Kind of sample): Ống nhựa HDPE PE100 DN90x4,3mm - PN8
4. Kí hiệu mẫu (Code of sample): 23.22588, 23.22589, 23.22590, 23.22591, 23.22592, 23.22593 - Căn nguyên tên mẫu phòng
5. Số lượng (Quantities): 01
6. Số phiếu Trung tâm (Cen.No): 46-24/TBMT
7. Ngày nhận mẫu (Date of receipt): 02/04/2024

KẾT QUẢ THỬ NGHIỆM
(TEST RESULT)

TT (No.)	Tính chất (Characteristic)	Điều kiện thử nghiệm (Requirement) QCVN 16:2023/BXD	Kết quả (Result)	Phương pháp thử (Testmethod)	Đánh giá (Evaluation)
1	Độ bền áp suất thủy tĩnh 100h (Resistance to hydrostatic pressure in 100h) - Nhiệt độ thử (Test temperature): 20°C - Ứng suất vòng (hoop stress): 12,4 MPa - Áp suất thử (Test pressure): 12,4 bar ¹	Không phá hỏng (No failure)	Không phá hỏng (No failure)	TCVN 6149-1:2007 (ISO 1167-1:2006) TCVN 6149-2:2007 (ISO 1167-2:2006)	Đạt (pass)
2	Độ bền áp suất thủy tĩnh 165h (Resistance to hydrostatic pressure in 165h) - Nhiệt độ thử (Test temperature): 80°C - Ứng suất vòng (hoop stress): 5,4 MPa - Áp suất thử (Test pressure): 5,42 bar ¹	Không phá hỏng (No failure)	Không phá hỏng (No failure)	TCVN 6149-1:2007 (ISO 1167-1:2006) TCVN 6149-2:2007 (ISO 1167-2:2006)	Đạt (pass)

Ghi chú (Note): ¹Áp suất thử nghiệm được tính theo kích thước danh nghĩa của mẫu thử - theo TCVN 6149-1 (ISO 1167-1) (The test pressure calculation based on the nominal dimension of the test piece - according to TCVN 6149-1 (ISO 1167-1))

Kết luận (Conclusion): Mẫu thử "Đạt" yêu cầu quy định trong QCVN 16:2023/BXD (The sample meet the requirement which is specified in QCVN 16:2023/BXD)

Hà Nội, ngày 20 tháng 5 năm 2024
Cán bộ kiểm tra (Checked by): Lê Cao Chiến
VILAS 003 - TT, TB, MT&ATLD
CEELS

Viện Vật Liệu Xây Dựng
VIBM
PHÓ VIỆN TRƯỞNG
Nguyễn Văn Huyền

Nguyễn Thị Tâm

Ghi chú (Note):
1. Các kết quả thử nghiệm ghi trong phiếu này chỉ có giá trị đối với mẫu do khách hàng gửi đến (The results are valid for the sample submitted sample only)
2. Các chỉ tiêu và phương pháp thử được thể hiện trên yêu cầu của khách hàng (The characteristics and methods were stated according to client's request)
3. Mẫu do khách hàng trong Viện Vật Liệu Xây Dựng. Tên mẫu, tên cơ quan gửi mẫu và công trình sử dụng được ghi vào trên yêu cầu của khách hàng (Sample were sent to VIBM, name of sample, client and works are reported client's request)
4. Không được sao chép, in ấn, tái bản, phân phối lại phần kết quả này. Mọi chi tiết xin liên hệ Văn Phòng Viện Vật Liệu Xây Dựng. (This one report may be reproduced except as full)

Quest 1
PHIẾU KẾT QUẢ THỬ NGHIỆM
TEST REPORT

1. Cơ quan gửi mẫu (Client): TRUNG TÂM CHỨNG NHẬN PHÙ HỢP (QUACERT)
2. Đơn vị sản xuất (Manufacturer): CÔNG TY CỔ PHẦN TẬP ĐOÀN NHỰA SUPER TRƯỜNG PHÁT
3. Loại mẫu (Kind of sample): Ống nhựa HDPE PE100 DN250x4,8mm - PN10
4. Kí hiệu mẫu (Code of sample): 23.22600, 23.22601, 23.22602, 23.22603, 23.22604, 23.22605 - Căn nguyên tên mẫu phòng
5. Số lượng (Quantities): 01
6. Số phiếu Trung tâm (Cen.No): 46-24/TBMT
7. Ngày nhận mẫu (Date of receipt): 02/04/2024

KẾT QUẢ THỬ NGHIỆM
(TEST RESULT)

TT (No.)	Tính chất (Characteristic)	Điều kiện thử nghiệm (Requirement) QCVN 16:2023/BXD	Kết quả (Result)	Phương pháp thử (Testmethod)	Đánh giá (Evaluation)
1	Độ bền áp suất thủy tĩnh 100h (Resistance to hydrostatic pressure in 100h) - Nhiệt độ thử (Test temperature): 20°C - Ứng suất vòng (hoop stress): 12,4 MPa - Áp suất thử (Test pressure): 12,4 bar ¹	Không phá hỏng (No failure)	Không phá hỏng (No failure)	TCVN 6149-1:2007 (ISO 1167-1:2006) TCVN 6149-2:2007 (ISO 1167-2:2006)	Đạt (pass)
2	Độ bền áp suất thủy tĩnh 165h (Resistance to hydrostatic pressure in 165h) - Nhiệt độ thử (Test temperature): 80°C - Ứng suất vòng (hoop stress): 5,4 MPa - Áp suất thử (Test pressure): 5,42 bar ¹	Không phá hỏng (No failure)	Không phá hỏng (No failure)	TCVN 6149-1:2007 (ISO 1167-1:2006) TCVN 6149-2:2007 (ISO 1167-2:2006)	Đạt (pass)

Ghi chú (Note): ¹Áp suất thử nghiệm được tính theo kích thước danh nghĩa của mẫu thử - theo TCVN 6149-1 (ISO 1167-1) (The test pressure calculation based on the nominal dimension of the test piece - according to TCVN 6149-1 (ISO 1167-1))

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Hà Nội, ngày 20 tháng 5 năm 2024
Cán bộ kiểm tra (Checked by): Lê Cao Chiến
VILAS 003 - TT, TB, MT&ATLD
CEELS

Viện Vật Liệu Xây Dựng
VIBM
PHÓ VIỆN TRƯỞNG
Nguyễn Văn Huyền

Nguyễn Thị Tâm

Ghi chú (Note):
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TEST REPORT

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3. Loại mẫu (Kind of sample): Ống nhựa HDPE PE100 DN250x4,8mm - PN10
4. Kí hiệu mẫu (Code of sample): 23.22600, 23.22601, 23.22602, 23.22603, 23.22604, 23.22605 - Căn nguyên tên mẫu phòng
5. Số lượng (Quantities): 01
6. Số phiếu Trung tâm (Cen.No): 46-24/TBMT
7. Ngày nhận mẫu (Date of receipt): 02/04/2024

KẾT QUẢ THỬ NGHIỆM
(TEST RESULT)

TT (No.)	Tính chất (Characteristic)	Điều kiện thử nghiệm (Requirement) QCVN 16:2023/BXD	Kết quả (Result)	Phương pháp thử (Testmethod)	Đánh giá (Evaluation)
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Ghi chú (Note): ¹Áp suất thử nghiệm được tính theo kích thước danh nghĩa của mẫu thử - theo TCVN 6149-1 (ISO 1167-1) (The test pressure calculation based on the nominal dimension of the test piece - according to TCVN 6149-1 (ISO 1167-1))

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Hà Nội, ngày 20 tháng 5 năm 2024
Cán bộ kiểm tra (Checked by): Lê Cao Chiến
VILAS 003 - TT, TB, MT&ATLD
CEELS

Viện Vật Liệu Xây Dựng
VIBM
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Nguyễn Văn Huyền

Nguyễn Thị Tâm

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VILAS 003 - TRUNG TÂM THIẾT BỊ, MÔI TRƯỜNG & AN TOÀN LAO ĐỘNG
VILAS 003 - CENTRE FOR EQUIPMENT, ENVIRONMENT & LABOUR SAFETY
Địa chỉ (Address): 235 đường Nguyễn Trãi, quận Thanh Xuân, thành phố Hà Nội
Điện thoại (Tel): (+84) 43.858.2217; Fax: (+84) 43.858.1112;
Website: http://vibm.vn/; E-mail: thietbimotruong@vibm.vn

PHIẾU KẾT QUẢ THỬ NGHIỆM
TEST REPORT
Số (No): **333E_NLXD-TBMT**

1. Cơ quan gửi mẫu (Client): TRUNG TÂM CHỨNG NHẬN PHÙ HỢP (QUACERT)
2. Đơn vị sản xuất (Manufacturer): CÔNG TY CỔ PHẦN TẬP ĐOÀN NHỰA SUPER TRƯỜNG PHÁT
3. Loại mẫu (Kind of sample): Ống nhựa HDPE PE100 DN250x4,8mm - PN10
4. Kí hiệu mẫu (Code of sample): 23.22600, 23.22601, 23.22602, 23.22603, 23.22604, 23.22605 - Căn nguyên tên mẫu phòng
5. Số lượng (Quantities): 01
6. Số phiếu Trung tâm (Cen.No): 46-24/TBMT
7. Ngày nhận mẫu (Date of receipt): 02/04/2024

KẾT QUẢ THỬ NGHIỆM
(TEST RESULT)

TT (No.)	Tính chất (Characteristic)	Điều kiện thử nghiệm (Requirement) QCVN 16:2023/BXD	Kết quả (Result)	Phương pháp thử (Testmethod)	Đánh giá (Evaluation)
1	Độ bền áp suất thủy tĩnh 100h (Resistance to hydrostatic pressure in 100h) - Nhiệt độ thử (Test temperature): 20°C - Ứng suất vòng (hoop stress): 12,4 MPa - Áp suất thử (Test pressure): 12,4 bar ¹	Không phá hỏng (No failure)	Không phá hỏng (No failure)	TCVN 6149-1:2007 (ISO 1167-1:2006) TCVN 6149-2:2007 (ISO 1167-2:2006)	Đạt (pass)
2	Độ bền áp suất thủy tĩnh 165h (Resistance to hydrostatic pressure in 165h) - Nhiệt độ thử (Test temperature): 80°C - Ứng suất vòng (hoop stress): 5,4 MPa - Áp suất thử (Test pressure): 5,42 bar ¹	Không phá hỏng (No failure)	Không phá hỏng (No failure)	TCVN 6149-1:2007 (ISO 1167-1:2006) TCVN 6149-2:2007 (ISO 1167-2:2006)	Đạt (pass)

Ghi chú (Note): ¹Áp suất thử nghiệm được tính theo kích thước danh nghĩa của mẫu thử - theo TCVN 6149-1 (ISO 1167-1) (The test pressure calculation based on the nominal dimension of the test piece - according to TCVN 6149-1 (ISO 1167-1))

Kết luận (Conclusion): Mẫu thử "Đạt" yêu cầu quy định trong QCVN 16:2023/BXD (The sample meet the requirement which is specified in QCVN 16:2023/BXD)

Hà Nội, ngày 20 tháng 5 năm 2024
Cán bộ kiểm tra (Checked by): Lê Cao Chiến
VILAS 003 - TT, TB, MT&ATLD
CEELS

Viện Vật Liệu Xây Dựng
VIBM
PHÓ VIỆN TRƯỞNG
Nguyễn Văn Huyền

Nguyễn Thị Tâm

Ghi chú (Note):
1. Các kết quả thử nghiệm ghi trong phiếu này chỉ có giá trị đối với mẫu do khách hàng gửi đến (The results are valid for the sample submitted sample only)
2. Các chỉ tiêu và phương pháp thử được thể hiện trên yêu cầu của khách hàng (The characteristics and methods were stated according to client's request)
3. Mẫu do khách hàng trong Viện Vật Liệu Xây Dựng. Tên mẫu, tên cơ quan gửi mẫu và công trình sử dụng được ghi vào trên yêu cầu của khách hàng (Sample were sent to VIBM, name of sample, client and works are reported client's request)
4. Không được sao chép, in ấn, tái bản, phân phối lại phần kết quả này. Mọi chi tiết xin liên hệ Văn Phòng Viện Vật Liệu Xây Dựng. (This one report may be reproduced except as full)

VIBM
PHIẾU KẾT QUẢ THỬ NGHIỆM
TEST REPORT

1. Cơ quan gửi mẫu (Client): TRUNG TÂM CHỨNG NHẬN PHÙ HỢP (QUACERT)
2. Đơn vị sản xuất (Manufacturer): CÔNG TY CỔ PHẦN TẬP ĐOÀN NHỰA SUPER TRƯỜNG PHÁT
3. Loại mẫu (Kind of sample): Ống nhựa HDPE PE100 DN250x4,8mm - PN10
4. Kí hiệu mẫu (Code of sample): 23.22600, 23.22601, 23.22602, 23.22603, 23.22604, 23.22605 - Căn nguyên tên mẫu phòng
5. Số lượng (Quantities): 01
6. Số phiếu Trung tâm (Cen.No): 46-24/TBMT
7. Ngày nhận mẫu (Date of receipt): 02/04/2024

KẾT QUẢ THỬ NGHIỆM
(TEST RESULT)

TT (No.)	Tính chất (Characteristic)	Điều kiện thử nghiệm (Requirement) QCVN 16:2023/BXD	Kết quả (Result)	Phương pháp thử (Testmethod)	Đánh giá (Evaluation)
1	Độ bền áp suất thủy tĩnh 100h (Resistance to hydrostatic pressure in 100h) - Nhiệt độ thử (Test temperature): 20°C - Ứng suất vòng (hoop stress): 12,4 MPa - Áp suất thử (Test pressure): 12,4 bar ¹	Không phá hỏng (No failure)	Không phá hỏng (No failure)	TCVN 6149-1:2007 (ISO 1167-1:2006) TCVN 6149-2:2007 (ISO 1167-2:2006)	Đạt (pass)
2	Độ bền áp suất thủy tĩnh 165h (Resistance to hydrostatic pressure in 165h) - Nhiệt độ thử (Test temperature): 80°C - Ứng suất vòng (hoop stress): 5,4 MPa - Áp suất thử (Test pressure): 5,42 bar ¹	Không phá hỏng (No failure)	Không phá hỏng (No failure)	TCVN 6149-1:2007 (ISO 1167-1:2006) TCVN 6149-2:2007 (ISO 1167-2:2006)	Đạt (pass)

Ghi chú (Note): ¹Áp suất thử nghiệm được tính theo kích thước danh nghĩa của mẫu thử - theo TCVN 6149-1 (ISO 1167-1) (The test pressure calculation based on the nominal dimension of the test piece - according to TCVN 6149-1 (ISO 1167-1))

Kết luận (Conclusion): Mẫu thử "Đạt" yêu cầu quy định trong QCVN 16:2023/BXD (The sample meet the requirement which is specified in QCVN 16:2023/BXD)

Hà Nội, ngày 20 tháng 5 năm 2024
Cán bộ kiểm tra (Checked by): Lê Cao Chiến
VILAS 003 - TT, TB, MT&ATLD
CEELS

Viện Vật Liệu Xây Dựng
VIBM
PHÓ VIỆN TRƯỞNG
Nguyễn Văn Huyền

Nguyễn Thị Tâm

Ghi chú (Note):
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Quest 1
PHIẾU KẾT QUẢ THỬ NGHIỆM
TEST REPORT

1. Cơ quan gửi mẫu (Client): TRUNG TÂM CHỨNG NHẬN PHÙ HỢP (QUACERT)
2. Đơn vị sản xuất (Manufacturer): CÔNG TY CỔ PHẦN TẬP ĐOÀN NHỰA SUPER TRƯỜNG PHÁT
3. Loại mẫu (Kind of sample): Ống nhựa HDPE PE100 DN250x4,8mm - PN10
4. Kí hiệu mẫu (Code of sample): 23.22600, 23.22601, 23.22602, 23.22603, 23.22604, 23.22605 - Căn nguyên tên mẫu phòng
5. Số lượng (Quantities): 01
6. Số phiếu Trung tâm (Cen.No): 46-24/TBMT
7. Ngày nhận mẫu (Date of receipt): 02/04/2024

KẾT QUẢ THỬ NGHIỆM
(TEST RESULT)

TT (No.)	Tính chất (Characteristic)	Điều kiện thử nghiệm (Requirement) QCVN 16:2023/BXD	Kết quả (Result)	Phương pháp thử (Testmethod)	Đánh giá (Evaluation)
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Ghi chú (Note): ¹Áp suất thử nghiệm được tính theo kích thước danh nghĩa của mẫu thử - theo TCVN 6149-1 (ISO 1167-1) (The test pressure calculation based on the nominal dimension of the test piece - according to TCVN 6149-1 (ISO 1167-1))

Kết luận (Conclusion): Mẫu thử "Đạt" yêu cầu quy định trong QCVN 16:2023/BXD (The sample meet the requirement which is specified in QCVN 16:2023/BXD)

Hà Nội, ngày 20 tháng 5 năm 2024
Cán bộ kiểm tra (Checked by): Lê Cao Chiến
VILAS 003 - TT, TB, MT&ATLD
CEELS

Viện Vật Liệu Xây Dựng
VIBM
PHÓ VIỆN TRƯỞNG
Nguyễn Văn Huyền

Nguyễn Thị Tâm

Ghi chú (Note):
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Base Standard Document

CÔNG TY CỔ PHẦN TẬP ĐOÀN NHỰA SUPER TRƯỜNG PHÁT **CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM**
Độc lập – Tự do – Hạnh phúc

Số: 60 / 2023/QĐ-TCCS Hà Nội, ngày 25 tháng 5 năm 2023

QUYẾT ĐỊNH
VỀ VIỆC BAN HÀNH TIÊU CHUẨN CƠ SỞ.

CHỦ TỊCH HỘI ĐỒNG QUẢN TRỊ
CÔNG TY CỔ PHẦN TẬP ĐOÀN NHỰA SUPER TRƯỜNG PHÁT

- Căn cứ Luật Tiêu chuẩn và Quy chuẩn kỹ thuật;
- Căn cứ Nghị định số 127/2007/NĐ-CP ngày 01/8/2007 của Chính phủ Quy định chi tiết thi hành một số điều của Luật Tiêu chuẩn và Quy chuẩn kỹ thuật;
- Căn cứ Thông tư Số: 11/2021/TT-KHCN Quy định chi tiết xây dựng và áp dụng Tiêu chuẩn;
- Căn cứ vào nhu cầu sản xuất và phát triển các cơ sở nuôi cá trên biển;
- Xét đề nghị của Giám đốc Khối quản trị vận hành kỹ thuật và sản xuất;

QUYẾT ĐỊNH:

- Điều 1: Về việc ban hành tiêu chuẩn cơ sở:
- Tiêu chuẩn cơ sở: **LỒNG NHỰA HDPE NUÔI TRỒNG THỦY SẢN - YÊU CẦU KỸ THUẬT.**
- Ký hiệu: **TCCS 01: 2023/STPGroup.**

Áp dụng cho việc thiết kế, gia công, lắp ráp, lắp đặt, vận hành các loại lồng nhựa HDPE nuôi trồng thủy sản.

Điều 2: Các phòng ban có liên quan của Công ty Cổ phần Tập đoàn nhựa Super Trường Phát chịu trách nhiệm thực hiện và phổ biến, hướng dẫn các Đơn vị thành viên trong Công ty thi hành quyết định này.

Điều 3: Quyết định có hiệu lực kể từ ngày ký.

Nơi nhận:
 - Như điều 2;
 - Lưu VT.

CHỦ TỊCH HỘI ĐỒNG QUẢN TRỊ

CHỦ TỊCH HĐQT
Phạm Quốc Chính

PHỤ LỤC 1
LỒNG NHỰA HDPE NUÔI TRỒNG THỦY SẢN -
YÊU CẦU KỸ THUẬT.

MỤC LỤC

1. Mục đích và phạm vi áp dụng

2. Thuật ngữ và định nghĩa

3. Yêu cầu kỹ thuật

4. Yêu cầu nghiệm thu

5. Yêu cầu vận hành

6. Yêu cầu bảo trì

7. Yêu cầu lưu trữ

8. Yêu cầu vận chuyển

9. Yêu cầu đóng gói

10. Yêu cầu vận chuyển

11. Yêu cầu vận chuyển

12. Yêu cầu vận chuyển

13. Yêu cầu vận chuyển

14. Yêu cầu vận chuyển

15. Yêu cầu vận chuyển

16. Yêu cầu vận chuyển

17. Yêu cầu vận chuyển

18. Yêu cầu vận chuyển

19. Yêu cầu vận chuyển

20. Yêu cầu vận chuyển

PHỤ LỤC 2
HỆ THỐNG NƯỚC

1. Sơ đồ hệ thống nước

2. Yêu cầu kỹ thuật

3. Yêu cầu vận hành

4. Yêu cầu bảo trì

5. Yêu cầu lưu trữ

6. Yêu cầu vận chuyển

7. Yêu cầu đóng gói

8. Yêu cầu vận chuyển

9. Yêu cầu vận chuyển

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15. Yêu cầu vận chuyển

16. Yêu cầu vận chuyển

17. Yêu cầu vận chuyển

18. Yêu cầu vận chuyển

19. Yêu cầu vận chuyển

20. Yêu cầu vận chuyển

PHỤ LỤC 3
LỒNG NHỰA HDPE NUÔI TRỒNG THỦY SẢN -
CÁC YÊU CẦU KỸ THUẬT.

MỤC LỤC

1. Mục đích và phạm vi áp dụng

2. Thuật ngữ và định nghĩa

3. Yêu cầu kỹ thuật

4. Yêu cầu nghiệm thu

5. Yêu cầu vận hành

6. Yêu cầu bảo trì

7. Yêu cầu lưu trữ

8. Yêu cầu vận chuyển

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15. Yêu cầu vận chuyển

16. Yêu cầu vận chuyển

17. Yêu cầu vận chuyển

18. Yêu cầu vận chuyển

19. Yêu cầu vận chuyển

20. Yêu cầu vận chuyển

PHỤ LỤC 4
QUY TRÌNH CÔNG NGHỆ
LẮP RÁP VÀ BÀN KINH LỒNG NHỰA HDPE.

MỤC LỤC

1. Mục đích và phạm vi áp dụng

2. Thuật ngữ và định nghĩa

3. Yêu cầu kỹ thuật

4. Yêu cầu nghiệm thu

5. Yêu cầu vận hành

6. Yêu cầu bảo trì

7. Yêu cầu lưu trữ

8. Yêu cầu vận chuyển

9. Yêu cầu đóng gói

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20. Yêu cầu vận chuyển

TIÊU CHUẨN CƠ SỞ
"LỒNG NHỰA HDPE NUÔI TRỒNG THỦY SẢN -
YÊU CẦU KỸ THUẬT"

stp GROUP **CÔNG TY CỔ PHẦN TẬP ĐOÀN**
NHỰA SUPER TRƯỜNG PHÁT

Địa chỉ: Số T151, Lô đất H4, Khu đấu giá 31ha, Thị trấn Trâu Quỳ,
 Huyện Gia Lâm, Tp. Hà Nội

TIÊU CHUẨN CƠ SỞ
TCCS 01: 2023/STPGroup

LỒNG NHỰA HDPE NUÔI TRỒNG THỦY SẢN -
CÁC YÊU CẦU KỸ THUẬT.

Hà Nội, ngày 25 tháng 05 năm 2023

CHỦ TỊCH HỘI ĐỒNG QUẢN TRỊ

CHỦ TỊCH HĐQT
Phạm Quốc Chính



TOP 10

DOANH NGHIỆP FINALISTS

SÁNG KIẾN ESG VIỆT NAM INITIATIVE 2024



"STP Group - Sustainable green plastic infrastructure - Taking responsibility for a green agriculture in Vietnam"

-ESG philosophy of STP Group-

STP GROUP

STP Group is proud to have officially entered the Top 10 companies participating in the final round of the ESG Initiative Vietnam 2024. This is an important event to honor outstanding efforts and initiatives in the Environmental, Social, and Corporate Governance fields impacting the community and society.

With unwavering commitment, STP Group has contributed to building sustainable values, spreading the spirit of social responsibility, and creating a positive impact on the community. Achieving this milestone not only affirms STP Group's pioneering position in sustainable aquaculture solutions with environmentally friendly materials, but also provides further motivation for us to continue our journey towards sustainable development and environmental protection.



Action 1: Project to retrieve fishing nets at sea and marine plastic waste - Recycling for the production of HDPE plastic infrastructure and artificial coral reefs.

Action 2: Seaweed chain project in 3 provinces of North - Central - South Vietnam using HDPE materials.

Action 3: Greenhouse gas inventory at production facilities and aquaculture investments.



Action 1: Establishing a guidebook, culture of "STPers transforming into emerald green".

Action 2: Developing career plans for STP personnel and related parties belonging to socially vulnerable groups.

Action 3: Inviting experts to advise on building plans: Increasing income, promoting the value of each working hour,...



Action 1: Establishing an ESG committee.

Action 2: Developing the "Emerald Green anti-corruption" policy.

Action 3: Inviting experts to advise on strategic planning at the corporate level.



The STP Aquaculture Technology Institute

Established on November 9, 2022 with the vision of making positive contributions to Vietnam's aquaculture sector. The functions of the STP Aquaculture Technology Institute include:

- 0 Scientific research and development of material technology, aquaculture technology, and models for aquaculture;
- 0 R&D services: Consultation, technology transfer, participation in training, scientific and technological information, international cooperation in material technology, aquaculture technology, and models for aquaculture;
- 0 Experimental production of products resulting from the research process.

- DEVELOPMENT STRATEGY:**
- ▶ FOCUS ON AQUACULTURE RESEARCH.
 - ▶ HIGH-QUALITY LAB FACILITIES.
 - ▶ COLLABORATION FOR MUTUAL DEVELOPMENT.
 - ▶ TECHNOLOGY TRANSFER.
 - ▶ CAREER-ORIENTED TRAINING.



Collaboration with institutes, academies, and divisions in the region for vocational training. Establishing STP Farm as a practical training ground closely linked to the practical needs of the labor market.



Signing ceremony of cooperation between the National Agricultural Promotion Center of Vietnam and STP Group (16/09/2022).



Signing ceremony of cooperation between the Vietnam Institute of Economics and STP Group.



Signing ceremony of the Memorandum of Understanding for cooperation between the Research Institute for Aquaculture 1 and STP Group (19/10/2023).



Signing ceremony of cooperation between the Osfalia University of Applied Sciences and STP Group (04/03/2023).



Signing ceremony of cooperation between the Vietnam Academy of Agricultural Sciences and STP Group (11/10/2023).



STP and the opportunity for "globalization"

Globalization is the dream of STP in the present and the future. Not only in countries in Southeast Asia, STP is also expanding to countries in Asia and Europe. This dream is gradually becoming a reality as CEO Nguyen Thi Hai Binh has had important business trips to many countries around the world.

It can be said that this is a promising step forward, opening up new potential for the company. Through these business trips, the STP brand has come closer to international friends.

During these trips, CEO Hai Binh had working sessions with many partners in the infrastructure and aquaculture sectors. This opens up opportunities for STP in the international market. Through this, STP is also gradually asserting its position in the global infrastructure and aquaculture sectors.



Board of Directors working with partners in Bologna, Italy.



Board of Directors working and visiting the NTTS trade fair in Taiwan.



Board of Directors working with partners in Norway on modern sea aquaculture technology.



Group Activities

Internal and Union Activities

- New Year temple ceremony activities;
- Annual summer vacation activities;
- Recreation and relaxation programs to honor employees on the Group's anniversary;
- Year-end summary and appreciation activities for employees.



Year-end summary ceremony 2021 - The Year of Pioneering and Breakthrough.



Summer trip to Phu Quoc.



Commemorative photos for the Group's anniversary.



Gala Dinner celebrating the establishment day.



Olympics event in Hanoi.





Group Activities

Charitable Activities

- Supporting and sponsoring environmental programs.
- Annual charitable activities.
- Donating products to local communities.
- Short-term charitable sharing activities (Hanoi)





AWARDS & CONCLUSION



TOP 10 GREEN BRANDS IN INDUSTRY 4.0



COMPETITIVE BRAND 2021



CENTRAL VIETNAM FISHERIES ASSOCIATION, OUTSTANDING INDIVIDUAL CERTIFICATE



SPONSOR CERTIFICATE

Thank you!



HIGH-QUALITY PRODUCT

STP Group Joint Stock Company

Address: Lot T151, land lot H4, 31ha Auction Area, Trau Quy Town, Gia Lâm District, Hanoi.

Phone: 19000246

Email: Info@stpgroup.com.vn

Website: stpgroup.com.vn

Hung Yen Factory: Di Su Ward, My Hao Town, Hung Yen Province.

Thai Binh Factory: Phu Oc Hamlet, Thai Hung Commune, Hung Ha District, Thai Binh.

Quang Ngai Factory: An Ky Hamlet, Tinh Ky Commune, Quang Ngai City, Quang Ngai Province.



Solid Starting Point - Sustainable Foundation