04

Creating a Safe Workplace

Annual Material Topic	2024 Annual Goals	Performance Status
Occupational Safety and Health	Number of disabling injuries: 0 Disabling injury frequency rate (F.R.)= 0 Disabling injury severity rate (S.R.)= 0	The goal has been achieved

4.1 Occupational Safety and Health

GRI 3-3、GRI 403(403-1、403-2、403-3、403-4、403-5、403-6、403-7、403-8、403-9、403-10)

Material Topic

Occupational safety and health

Material Reason

A safe and healthy working environment is the primary labor requirement for workers. Thus, continuous efforts should be made to reduce safety and health risks, prevent and minimize occupational accidents, and consistently improve safety and health performance, underscoring our commitment to safety and health.

Impact Scope Impact Boundary

Government agencies, communities, and employees

Sustainability Principles and Corresponding SDGs

Shape an Inclusive Society/SDGs 3 Good Health and Well-being Management Approaches

Management Approaches

Policy Purpose	Continuously reduce safety and health risks, prevent and minimize occupational accidents, and promote employee health.		
Objective	Goal for 2024： Zero disabling injuries, zero incidents of occupational accidents	Mid-term goal for 2027： Zero disabling injuries, zero incidents of occupational accidents	Long-term goal for 2030： Zero disabling injuries, zero incidents of occupational accidents
Objective	Add or update equipment to reduce pollutant emissions to reduce the OSH-related risks		
Evaluation of the Management	Measure the "Number of disabling injuries" every year and present an assessment report to the management during the annual management review meeting. This allows for a review of the past year's performance and the formulation of improvement measures, as well as an evaluation of the effectiveness of those measures.		
Assessment Mechanism	Continuously implement the ISO 45001 Occupational Health and Safety Management System for a systematic management.		
Assessment Result	Number of disabling injuries in the last three years		
Negative Impact Remedies and Preventive Measures	Inadequate implementation of Process Safety Management (PSM) leading to accidents: Our company has integrated the PSM system, employing a systematic approach to prevent unforeseen incidents.		
Grievance Mechanism	Details can be found in Section 3.1.2 under "EHS Grievance Channels"		

TTC occupational safety, health, and environmental policy is detailed in Chapter 3: Environmental Protection. Through the following management practices, the Company continuously reduces occupational safety and health risks to achieve the established goals:

Implementation of Occupational Health and Safety Management System:

01 Implementing the ISO 45001 standard, TTC adopts a systematic PDCA (Plan-Do-Check-Act) management cycle to enforce risk management and continuous improvement in safety, fire protection, health, and environmental aspects, as well as disaster prevention. The Company also places strong emphasis on preventing physical and mental harm and occupational diseases among employees.

02 TTC's plants in Linyuan, Qianzhen, and Toufen have passed the ISO 45001 standard verification. While the Zhongshan Plant has not been verified, it operates based on Company regulations and policy mandates. Both internal and external audits involve all employees and contractors. In 2024, 482 employees and 136 contractors were covered by the Occupational Health and Safety Management System (including fire safety management), representing 100% coverage.

03 By adopting the best available techniques and management practices, we are committed to organization, waste reduction in processes, pollution prevention, and ensuring the health and safety of our employees, contractors, and neighboring communities.

04 We emphasize continuous training, communication, and consultation with employees, encouraging everyone's participation. We also enhance communication with contractors and clients, ensuring they are fully informed of our occupational safety, health, and environmental policies.

05 In terms of fire safety management audits, each site is legally staffed with certified fire safety personnel (Fire Prevention Manager/Safety Supervisor) in accordance with regulations. The Company ensures proper maintenance and management of fire protection systems and equipment and conducts regular self-defense team training and emergency drills.

06 Procedures are established for occupational safety, health, environmental, and energy noncompliance and corrective actions, as well as for environmental and safety inspections. Personnel are assigned on a weekly rotation to conduct site inspections, and monthly audits are carried out to verify compliance with occupational safety, health, and fire protection regulations. Additionally, in coordination with the annual cross-plant audit program organized by the Group, a cross-plant audit team is formed from occupational safety, environmental protection, and fire safety managers or senior engineers from each Group site. The audit scope includes: compliance with occupational safety, health, environmental protection, and fire safety regulations; adherence to external commitments on occupational safety, environmental protection, and fire safety; the effectiveness of corrective actions for regulatory violations; and the implementation of corrective actions for occupational safety, health, environmental, and fire-related incidents. Corrective actions are proposed and followed up for deficiencies identified in cross-plant audits, with progress reviewed and tracked in EHS or occupational safety meetings.

Implementing the Process Safety Management (PSM) System:

01 TTC's Linyuan, Qianzhen, and Toufen Plants began implementing the PSM (Process Safety Management) system in 2021. Through planning, execution, inspection, and improvement, they have progressively promoted the PSM system to strengthen process operational safety. The goal is to establish and implement a safety culture and system at the plant, spanning from top management to employees and from equipment to personnel.

02 The PSM system was fully implemented in 2023 and is regularly reviewed through compliance audits to ensure effectiveness. The Group has also launched cross-plant PSM audits, with audit teams formed based on professional expertise, department category, and PSM familiarity. Identified deficiencies are addressed through corrective actions with follow-up improvements. Non-conformities identified through internal and external audits are reviewed and tracked in monthly PSM meetings. To date, 57 issues have been resolved, with 6 items still under improvement.

03 For PSM audits, a PSM compliance audit procedure and an annual compliance audit plan are established to ensure proper implementation and adherence to relevant procedures and standards. Compliance audits are conducted regularly, with corrective actions and follow-ups taken on identified deficiencies to achieve PSM performance targets.

04 Audit frequency is categorized into regular and random audits. Regular audits follow the Process Safety Assessment Implementation Guidelines, ensuring that all 14 elements of PSM are reviewed for adequacy and compliance at least once every three years. Random audits are triggered by significant internal incidents, such as process safety events, occupational safety or environmental accidents, and workplace injuries, to identify and address management or technical issues. The related audit activities are managed and tracked through the PSM Compliance Audit Information Management Platform.

Occupational Health and Safety Organization

TTC's Linyuan, Qianzhen and Toufen Plants have established labor unions and the "Occupational Safety and Health Committee (OSHC)" have also established in accordance with the "Regulations for Occupational Safety and Health Management," with labor representatives elected or appointed by the union. The committee meets with management every quarter to discuss ESH topics on behalf of employees.

The Zhongshan Plant has a dedicated Health and Safety Department responsible for the daily management of occupational health and safety. They hold monthly environmental safety meetings to review issues related to occupational safety management.

The proportion of worker representatives in the Occupational Safety and Health Committees at each plant is as follows: 65% at the Qianzhen Plant, 36% at the Linyuan Plant, and 33% at the Toufen Plant. In 2024, a total of 66 safety and health proposals were submitted, with 10 still under implementation.

Workplace Safety and Health Operations

TTC's Linyuan and Qianzhen Plants obtained OHSAS 18001 Occupational Health and Safety Management System certification in July 2001. By August 16, 2020, these plants, including the Toufen Plant, successfully transitioned to the ISO 45001 standard. Each plant regularly designates personnel to conduct safety inspections and checks on a weekly basis. Additionally, the Company has implemented the "Group Safety and Health Partner Regional Joint Defense" system. This system encourages affiliated enterprises within the Group to supervise each other, share experiences, and conduct cross-audits. This approach further solidifies the implementation of safety and health management. In 2024, Qianzhen, Linyuan, and Toufen Plants underwent a total of 19 ISO and Group audits.

The Zhongshan Plant has not yet adopted the ISO 45001 Environmental Health and Safety Management System. However, it still operates in accordance with relevant occupational safety regulations and the environmental and safety policies of TTC.

Occupational Safety and Health Risk and Opportunity Assessment and Control Procedures

TTC has established comprehensive hazard identification and risk assessment procedures covering occupational safety, fire safety, chemicals, and public hazardous materials. All evaluators undergo risk assessment training, ensuring their competency and understanding. Assessment methods involve internal staff (including contractors) or external stakeholders. They can submit their findings to their respective supervisors. The executive team collates, reviews, and tracks the proposed improvements. Furthermore, by establishing internal and external communication procedures, employees are involved in incident investigations, hazard risk assessments, and decision-making on control measures. This ensures all relevant employees, contractors, suppliers, and stakeholders are timely informed about the Company's occupational health, safety, environmental policies, and system requirements.

To prevent hazards from operations, activities, services, or facilities that might compromise the safety and health of personnel or result in financial losses to the Company, early actions are taken to address opportunities for improving occupational health and safety performance. Post-risk assessment, the chosen control methods include (a) elimination, (b) substitution, (c) engineering controls and job reorganization, (d) managerial controls including training/signs/warnings/management controls, and (e) personal protective equipment. Controls are chosen based on a priority sequence from (a) to (e), identifying the most optimal method, and reducing risks to acceptable levels.

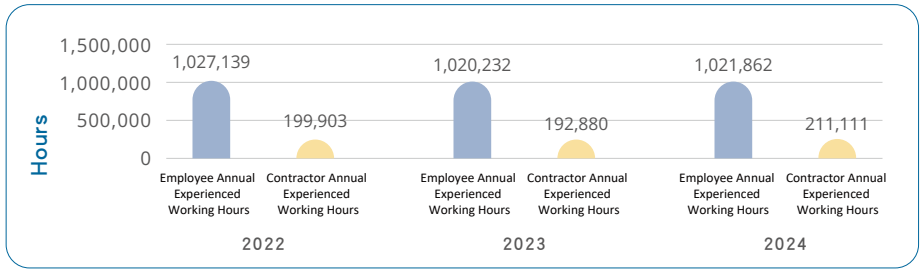
Performance Statistics for Hazard Identification and Risk Assessment: In 2024, a total of 9 measures were derived from the identification of unacceptable occupational health and safety risks.

TTC's occupational injury management goal aligns with the Group's "Zero Occupational Hazards, Zero Accidents" target. Maintaining a low injury rate is a key indicator for evaluating employee health and safety within the organization. As a result, designated personnel at each plant conduct regular inspections of occupational safety, environmental protection, and fire safety. A performance evaluation system for inspectors is established, and all identified deficiencies are tracked through the EHS management platform to ensure corrective actions and prevent recurrence. **In 2024, TTC recorded zero occupational safety incidents, zero fire accidents, and zero chemical spills, achieving the goals of zero lost-time injuries and zero disasters.**

Employee Occupational Health and Safety Performance Statistics (as of December 31, 2024):

1. Annual Experienced Working Hours Statistics for Employees and Contractors

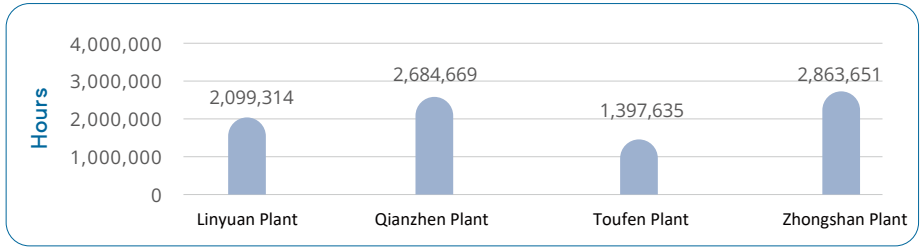
Experienced Working Hours in the Past Three Years



Note 1. Work hours lost due to commuting accidents are not included in the recordable injury statistics.
Note 2. For contractors, the accumulated total work hours without recordable injuries in 2024 were 211,111 hours.

2. Total Accumulated Work Hours Without Lost-Time Injuries (hours)

2024 Annual Total Work Hours Without Lost-Time Injuries by Plant



3. TTC's absentee rate in 2024 was 0.436%.

Note: Absentee Rate = (Total Absentee Hours) / (Total Scheduled Work Hours) × 100%. Total Absentee Hours in 2024 are based on actual HR statistics, calculated from sick leave and occupational injury leave hours. Total Scheduled Work Hours represent the actual worked hours in 2024.

4. Performance Statistics Table for Occupational Health and Safety Over the Last Three Years

Item		2022	2023	2024
Taita Chemical Co., Ltd.	F.R.	0	0	0
	S.R.	0	0	0
	F.S.I.	0	0	0
	TRIR	0	0	0
Contractors	F.R.	0	0	0
	S.R.	0	0	0
	F.S.I.	0	0	0
	TRIR	0	1.04	0

Note: 1. Disabling Injury Frequency Rate (F.R.) = Number of Disabling Injuries × 106 / Total Work Hours
2. Disabling Injury Severity Rate (S.R.) = Total Lost Workdays × 106 / Total Work Hours
3. Frequency Severity Index (F.S.I.) = √ [(F.R × S.R.)/1,000]
4. Total Recordable Incident Rate (TRIR) = Number of injuries × 200,000/Total work hours
5. According to the statistics from the Occupational Safety and Health Administration of the Ministry of Labor, the plastic and synthetic rubber manufacturing industry has had the following rates over the last three years: F.R. of 1.04; S.R. of 299; F.S.I. of 0.55
6. Details on the number of contractor injuries and improvement measures can be found in the Contractor Safety Management description

5. Process Safety Management Performance

Process Safety Management Performance 2024

Total Count of Process Safety Incidents (PSIC)	Process Safety Total Incident Rate (PSTIR)	Process Safety Incident Severity Rate (PSISR)
0	0	0

Note 1. Employees are only permanent employees. The total hours worked in 2024 was 1,021,862 hours
Note 2. PSTIR = The cumulative (annual) count of incidents x 200,000/total hours worked by workers
Note 3. PSISR = The total severity score of process safety incidents x 200,000/total hours worked by workers

4.2 Health Promotion

Care for Employee Health

Before entering the plant, new recruits are required to undergo health check-ups at medical institutions recognized and approved by government agencies. Every year, regular employees undergo health check-ups conducted by accredited major hospitals to ensure their well-being. Results, when necessary, are reported to the competent authorities for record. As of 2024, the health check-up participation rate across all plants reached 100%.

Upon completion of the health check-ups, employees receive a health report detailing their medical data over the past three years. This allows them to understand the fluctuations in various test results during this period. Additionally, we maintain an archive of each employee's annual health reports, which they can access for personal review. Employees engaged in tasks that pose particular health risks are required to undergo special health check-ups. We have established a health management database and conduct tiered health management based on regulations. Depending on the examination results, health level, and physician's recommendations, employees with abnormal findings receive health education, follow-up examinations, treatments, or are managed by adjusting their job assignments to safer environments.

Overview Table of Job Types Requiring Special Health Check-ups Across Factories

Plant	Types of Jobs Requiring Special Health Check-ups
Linyuan Plant	Operations involving noise, dimethylformamide, and laboratory work with potassium dichromate
Qianzhen Plant	Operations involving noise, ionizing radiation, and laboratory work with benzene
Toufen Plant	Operations involving noise and dust exposure
Zhongshan Plant	Noise operation

While the rate of unsatisfactory health examination results can be directly or indirectly related to factors such as age progression and individual lifestyle habits, we still place an emphasis on the promotion of employee health, especially for those with higher unsatisfactory rates. To this end, we draft an annual health promotion plan and implement various health promotion initiatives as follows:

- After each health examination, we invite hospital physicians to host an examination result briefing. This allows employees to understand their current health status, communicate face-to-face with the doctor, and receive suggestions regarding their post-examination health condition.
- To ensure employees have the opportunity for physical and mental relaxation, plant welfare committees and unions organize tiered recreational trips annually. This ensures that all employees have a chance to participate, promoting overall well-being.

Prevention Management of Work-related Ill Health

TTC implements and complies with occupational safety and health regulations. According to the Occupational Safety and Health Act, relevant preventive measures have been taken for work categories involving health hazards as below. In 2024, the number of occupational illness cases was zero.

Category	Hazard Factors	Potential Occupational Illness	Preventive and Management Measures
Physical	Noise	Occupational hearing loss	Establish a hearing protection plan, provide education and training, and supply protective equipment
	Work under sunshine	Heatstroke, heat exhaustion	Install indoor cooling systems, air conditioning, fans, provide water dispensers, schedule work and rest periods
Chemical	Organic solvents	Liver and kidney damage, dermatitis	Limit exposure time, set up local exhaust ventilation systems, supply protective equipment
	Dust	Respiratory irritation, occupational asthma	
Ergonomic	Heavy objects	HIVD	Develop a human-centered hazard prevention plan, limit duration of use, use machinery to replace manual work where possible, advocate for the correct working posture
	Poor posture	Neck and shoulder pain	
Social, physiological	Overwork	Cardiovascular diseases	Establish a plan to prevent illnesses caused by abnormal workloads, control working hours, advocate for the improvement of bad habits, promote correct posture
	Psychological stress	Occupational psychiatric disorders	Implement a prevention and management plan against unlawful infringements in the workplace, station doctors and nurses in he plant for consultation and counseling

Work-related Illnesses Statistics

Item/Year	Employees		Contractors	
	Male	Female	Male	Female
Number of cases of recordable work-related ill health	0	0	0	0
Number of fatalities as a result of work-related ill health	0	0	0	0

Health Promotion Management

Beyond its commitment to business management, TTC places significant emphasis on the physical and mental well-being of its employees.Regular events, such as group travel and participation in charitable activities, are organized across all plants. Employees are encouraged to participate actively. Additionally, stationed doctors and nurses offer free medical consultations and health guidance on-site, helping employees understand potential physical or psychological health issues and promoting health management awareness and initiative. For general health examination anomalies, individual employees receive health education. In 2024, the Company's occupational health and medical staff provided health education sessions a total of 147 times.

4.3 Emergency Response

In response to the possibility of emergency procedures for raw materials (chemical) leakage, fire, explosions, and earthquakes.In addition, TTC has classified incidents into three levels and has planned different response stages. When the level of an incident rises, the stage of response also rises. The three stages of response are as follows. Each plant, in addition to participating in annual fire drills, also has a yearly emergency response drill plan. The goal is to continuously train staff to become familiar with the emergency handling procedures through regular drills.

The Three-stage Emergency Response Flowchart

STEP 1

Situation

Minor leakage or hazardous substances and a minor fire occur within the plant

Response

The foreman will be the site commander to instruct personnel within the unit to stop the leakage or fire

STEP 2

Situation

Major leakage or hazardous substances and a major fire occur within the plant, the emergency response team of the incident occurring unit cannot effectively control the situation, and it must mobilize the plant's emergency response organization to support the control

Response

- The foreman on-duty officer mobilizes the emergency response organization according to the alert and reporting procedure based on the request for support of the incident occurring unit.
- Based on the emergency situation, request for support outside of the plant and notify relevant agencies as necessary.
- Determine the need to immediately shut down plant operations and isolate the incident affected areas.
- The site commander can be the head of the incident occurring unit or department, until the plant manager or his/her agent takes over the command.
- Set up a response command center to gather information regarding the latest situation for the chief commander to make decisions and notify the response organization.

STEP 3

Situation

An incident may spread outside of the plant and its impact reaches outside the plant.

Response

- The plant manager or his/her agent becomes the chief commander to command the emergency plan within the plant and report the situation to local competent authorities.
- If the situation runs out of control and may threaten the life of employees, the plant is evacuated.

In addition, plants across Taiwan collaborate with the Taiwan Responsible Care Association (TRCA), the Industrial Safety and Health Promotion Association, and the Pollution Prevention Coordination Group. Through mutual observation and learning in areas such as occupational safety, environmental protection, fire safety, and health, they aim to enhance the safety and health protections of operational staff. They also annually hold regular emergency response, firefighting drills, and safety education training. In the fiscal year 2024, a total of 123 emergency response and fire drills, and education training sessions were conducted, benefiting 2,562 participants. This training nurtures employees' ability to respond to emergencies and self-manage their safety.

Photos Related to the Emergency Response Drills


Linyuan Plant 2024 Emergency Response Drill-Emergency response drill for toxic chemical incidents in Area 13 and Area 27


Qianzhen Plant 2024 Emergency Response Drill-Emergency response drill for minor fire incident at BA tank


Toufen Plant 2024 Emergency Response Drill-Ammonia Gas Leak Training




Zhongshan Plant 2024 Emergency Response Drill -Emergency drill for SM pipeline leakage in the cylinder filling area

Environmental, Safety, and Health Training

Education, training, and publicity are the fundamentals for promoting HSE awareness to employees and contractors. By establishing relevant management regulations for each plant, TTC provides knowledge and skill training for different categories of employees and contractor personnel based on actual needs. For the fiscal year 2024, the total number of trainees reached 6,773, with a combined training duration of 19,410 hours.

Statistics Table for Environmental, Safety, and Health Training Hours and Number of Different Personnel in 2024

Plant	Linyuan Plant		Qianzhen Plant		Toufen Plant		Zhongshan Plant	
Category	Person	Total hours	Person	Total hours	Person	Total hours	Person	Total hours
New Employees	3.0	9.0	5.0	558.0	7.0	21.0	1.0	24.0
On-the-Job Training	2,560.0	8,560.0	740.0	2,705.0	680.0	1,444.0	1,723.0	4,467.0
Contractor Personnel	686.0	1,029.0	324.0	486.0	19.0	57.0	25.0	50.0
Total	3,249.0	9,598.0	1,069.0	3,749.0	706.0	1,522.0	1,749.0	4,541.0

Photos Related to HSE Education

Linyuan Plant-Workplace safety training for all employees

Qianzhen Plant-Practical training on fall prevention for working at heights and prevention of entanglement and crushing injuries

Toufen Plant-Common overload in the workplace - Promotion of cerebrovascular and cardiovascular diseases prevention and CPR

Zhongshan Plant-Fire safety educational training conducted by National Fire Agency

Contractor Safety Management

TTC has set regulations for contractor management. These clearly stipulate that contractors must undergo safety education before entering the plant. They are informed about potential hazards to ensure a comprehensive understanding of the safety of the construction environment and safety measures. Only after this training are contractors allowed to work within the facility. Before commencing work, a safety check is implemented to guarantee the security of the work site, fulfilling the responsibility of occupational safety and health management. Random safety checks are conducted during operations. In case of any violation, the contractor is immediately asked to cease construction. They can only resume after necessary improvements are made. Additionally, meetings are held concerning contracted projects, emphasizing clear safety guidelines, precautions, and emergency response measures within the plant area. Through these meetings, bidirectional communication is facilitated to ensure the safety of all contracted operations, thereby reducing the occurrence of accidents. They can only resume after necessary improvements are made. Additionally, meetings are held concerning contracted projects, emphasizing clear safety guidelines, precautions, and emergency response measures within the plant area. Through these meetings, bidirectional communication is facilitated to ensure the safety of all contracted operations, thereby reducing the occurrence of accidents. In 2024, the number of contractor-related incidents was zero.

Transportation Safety Management for Raw Materials

(1) Tanker Truck Management

Each plant utilizes tanker trucks for the transportation of raw materials. Considering the safety of vehicle transportation, raw material storage, and unloading operations, each plant has established regulations as per their requirements. These regulations cover the transportation of chemical tankers and finished products, raw material storage management, unloading-related operations, and guidelines for operating procedures related to the unloading and storage of tanker or drummed raw materials.

The transportation tankers are qualified tankers for transporting chemical substances; each contractor has good emergency response ability, and well-established emergency response plans. Transportation is implemented according to the relevant control regulations and management measures. Furthermore, since acrylonitrile and butadiene are classified by the Ministry of Environment as toxic and concerned chemical substances, dedicated transportation hazard prevention and emergency response plans have been established for both chemicals. The Company has also joined the national joint emergency response organization for toxic and concerned chemical substance incidents involving acrylonitrile and butadiene. Furthermore, the Company participates in emergency response drills for tanker truck transportation organized by the competent authorities and industry associations. **In 2024, the number of tanker transportation incidents at Linyuan, Qianzhen, Toufen, and Zhongshan plants was zero.**

(2) Pipeline Management

In addition to raw material transportation via storage tank trucks, pipeline transportation is also utilized. To ensure the safety of pipeline transportation, each plant has established standard operating procedures (SOPs) for pipeline transport management to ensure that long-distance pipeline operations comply with relevant monitoring standards. Safety management measures for both above-ground and underground pipelines are as follows:

Linyuan Plant

The underground pipelines transporting butadiene and styrene are located within the Linyuan Industrial Zone, bypassing the Kaohsiung city area. The plant has established a "Raw Material Transportation Pipeline Management Standard" to regulate maintenance, daily inspections, and abnormality management for underground pipelines both within and outside the plant. Above-ground pipelines in the plant are also inspected and maintained based on related standards. In addition, flow and pressure monitoring equipment is installed on the transmission pipelines. Both the Company's control room personnel and the supplier's control room personnel jointly monitor the flow and pressure values of the transmission pipelines. During material transfer, the flow and pressure are continuously monitored. If any abnormal readings are detected, the monitoring system automatically triggers an alarm to alert relevant personnel. Flow variations between the input and output ends are continuously cross-checked, and appropriate emergency response actions are promptly taken in case of any irregularities.

Qianzhen Plant

Styrene is transported directly from CGTDC's tanks to the Qianzhen plant processing area through above-ground pipelines. The entire transportation route is within the boundaries of both plants. A "Maintenance and Management Procedure for SM Transparent Pipes from CGTDC to TTC Process" has been established. Staff from each shift use Personal Digital Assistants (PDAs) for inspections, checking for pipeline leaks. Pipeline thickness is measured annually to evaluate any thinning of the pipe walls. If any irregularities in the styrene transportation process are detected during production, both the Qianzhen Plant control room and CGTDC control room have monitoring screens and alarms. Immediate action is taken during abnormalities, and CGTDC personnel will also provide on-site support.

Zhongshan Plant

Above-ground pipelines are inspected by tank area operators for any leaks. There is an underground pipeline between the storage tank area and the processing area that can transport styrene and pentane. According to the "Special Equipment Safety Inspection Regulations", this underground pipeline is classified as a pressure pipeline. The Zhongshan Special Equipment Testing Institute conducts annual online tests on these pressure pipelines. Once thoroughly inspected and approved, a "Special Equipment Use Registration Certificate" is issued by the quality technical supervision department for legal use.

In 2024, there have been no incidents related to pipeline transportation at the Linyuan, Qianzhen, and Zhongshan Plants.

(3) Product Transportation Safety Management

Linyuan Plant

Product transportation safety on roads is entrusted to contracted transporters. Similar to Linyuan, vehicles entering the plant must adhere to related management regulations, and trucks coming in for loading are managed for safety during loading and unloading. Vehicles entering the plant must adhere to related management regulations. Trucks entering the plant for loading are subjected to loading and unloading operations and safety management. Transport contractors must ensure their diesel vehicles have joined the Kaohsiung diesel vehicle self-management system and have obtained the smoke inspection qualification mark before they can operate within the plant.

Qianzhen Plant

The product is granular in appearance. Domestic transportation of bagged products uses standard trucks, while bulk transportation uses specialized tanker trucks. For overseas clients, containerized products are transported to the docks by trailers and then by sea shipping. There's an established "Finished Product Transportation Management Procedure Manual". Annually, audits are conducted on contracted transportation companies. Just like Linyuan, diesel vehicles must be part of the Kaohsiung diesel vehicle self-management system and possess a smoke inspection qualification mark to operate in the plant.

Toufen Plant

Product transportation safety on roads is entrusted to contracted transporters. Similar to Linyuan, vehicles entering the plant must adhere to related management regulations, and trucks coming in for loading are managed for safety during loading and unloading.

Zhongshan Plant

Finished product transportation primarily uses trucks. Detailed regulations and corresponding penalties ensure transportation safety. All vehicles entering the plant must follow entrance-related management regulations, register upon entry, undergo checks, and adhere to safety management for loading and unloading, ensuring safety within the plant premises.