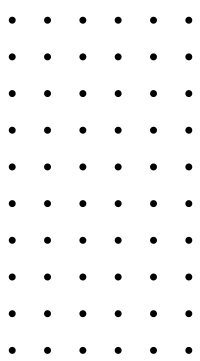
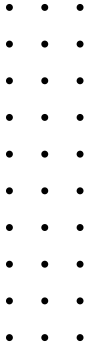




**TECHNOLOGY FILTER
INDONESIA**

WATER AND AIR SOLUTION



COMPANY PROFILE

PT TECHNOLOGY FILTER INDONESIA



COMPANY OVERVIEW

About Us

Technology Filter Indonesia.PT is a national consulting firms and contractors engaged in the field Water Treatment and Waste Water Treatment, Compressed Air System , and General Trading. We are supported by experienced experts in their field.

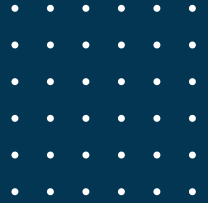
We are experienced in the field like Food & Beverages, Automotive, Petrochemical, Cosmetics, Pharmacy, Mining & Oil and Gas, and etc.

SCOPE OF WATER SYSTEM

- Water Treatment Plant System
- Waste Water Treatment Plant System (Domestic / Industrial)
- Reverse Osmosis System
- Ultrafiltration Membrane
- Media Filtration
- Recycle System

SCOPE OF AIR SYSTEM

- Compressed Air System
- Air Dryer System
- HVAC System
- Dust Collector System
- Element Filtration (Pre Filter - Medium Filter - Bag Filter)



SCOPE OF WORK

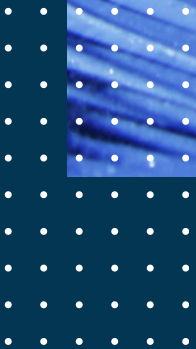
- Sparepart and Material Supply
- Equipment Supply and Installation
- Cleaning in Place (Boiler, RO, Cooling Tower, Machine, and etc)
- Media Filter Replacement
- Water Treatment Chemical
- Waste Water Treatment Chemical
- System Training and Maintenance

WATER SYSTEM

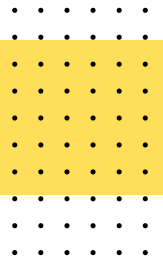
Without Water System, many companies and the products they provide would fail to exist. Water use is a fundamental commodity for nearly every step of the manufacturing and production processes around the world.

Every industry has activities that produce liquid waste and make governments implement processing and reuse systems.

We have a solution regarding this.



WATER TREATMENT PLANT



**Sand & Carbon
Filter**



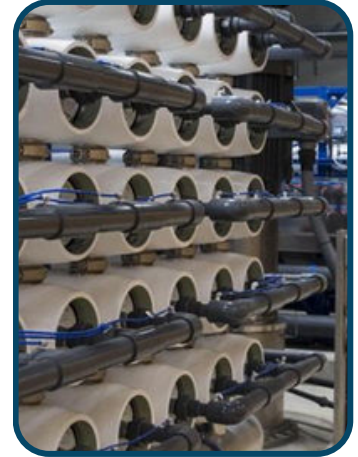
**Bag & Cartridge
Filter**



**Softener
Anion & Kation**



Reverse Osmosis



Boiler



Cooling Tower



Water Storage



Electro Deionization



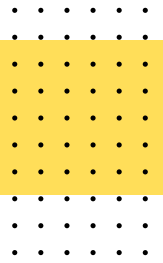
Ultrafiltration



UV System



WASTE WATER TREATMENT



Extended Aeration



Anaerobic Reactor



Membrane Bio Reactor



Biocleaner Technology



Lamella Clarifier



DAF System



Clarifier



Belt Press Filter



**Sewage Water Treatment
Package Container
Waste water Treatment
Package Container**



MEDIA FILTER & CHEMICAL SUPPLY



- Activated Carbon
- Silica Sand
- Gravel
- Antracit
- Zeolit
- Resin Anion / Kation



- Cartridge Filter
- Bag Filter
- Reverse Osmosis Membrane
- Ultrafiltration Membrane
- UV Lamp

pH Adjuster

Flokulan

Koagulan

Biocide

And Many More

SPAREPART & EQUIPMENT SUPPLY

Strainer



FRP Tank



Automatic Control



Instrumentation



Dosing Pump



Pump





AIR SYSTEM

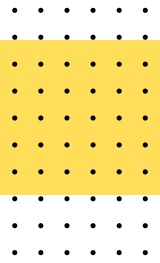
The purpose of a compressed air system is to pressurize air to a certain level to generate a steady stream of airflow, which is important for the proper function of tools and other pneumatic equipment.

System of mechanical refrigeration in which cold air is compressed, cooled, and permitted to expand and thus acts as the refrigerating agent

Poorly designed compressed air system leads to low productivity, poor air tools performance and most likely expensive energy costs. In order for the compressed-air systems or air compressor system to operate optimally and efficiently, it must be designed according to the application needed

We have a solution regarding this.

MEDIA AIR FILTER



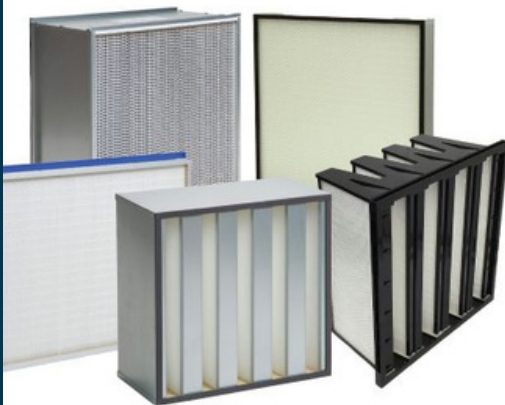
Alternative Filters

ELEMENT FILTER

- PRE FILTERS
- AFTER FILTERS
- STERILE FILTERS
- WATER SEPARATOR

COMPRESSOR FILTER

- AIR FILTERS
- OIL FILTERS
- SEPARATOR FILTERS



HVAC

- HEPA Filters
- PANEL Filters
- Panel Filters
- High Efficiency Filter (HEPA)

- (V-bank) Air Filter
- Multi-Bag Filter
- Media Filter (Pads & Rolls)
- High - Temperature Resistant Plate Filter

DUST COLLECTOR

- Polyester Air Filter Cartridge
- Cellulose Air Filter Cartridge
- Antistatic Filter Cartridge
- Water-Proof And Oil Proof Filter Cartridge
- Filter Bag



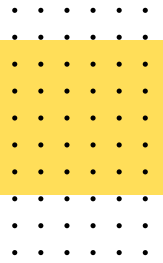
MEASUREMENT SYSTEM & INDICATOR

Compressed air is one of the most common but also one of the most expensive energy sources in industry. Measurements at each point of the Air Dryer pipe to the point of the Production pipe are carried out to determine the quality of the Air Dryer / Refrigerated tools and media on the basis of COMPRESSED AIR QUALITY CLASSES ACCORDING TO ISO 8573-1. (Particle Content, Oil Content, Humidity Content)

ISO 8573-1:2010 QUALITY CLASS	SOLID PARTICLES			WATER	OIL (AEROSOL)
	Maximum number of particles per m3 Particle size d is in μm (microns)			Pressure Dew Point	Concentration Liquid & Vapour
	$0.10 \leq d \leq 0.5$	$0.5 \leq d \leq 1.0$	$1.0 \leq d \leq 5.0$	$^{\circ}\text{C} / ^{\circ}\text{F}$	mg / m^3
1	$\leq 20,000$	≤ 400	≤ 10	$\leq -70 / -94$	≤ 0.01
2	$\leq 400,000$	$\leq 6,000$	≤ 100	$\leq -40 / -40$	≤ 0.1
3	-	$\leq 90,000$	$\leq 1,000$	$\leq -20 / -4$	≤ 1
4	-	-	$\leq 10,000$	$\leq +3 / +37.4$	≤ 5
5	-	-	$\leq 100,000$	$\leq +7 / +44.6$	-
6	-	-	-	$\leq +10 / +50$	-
0	AS SPECIFIED BY THE EQUIPMENT USER BASED ON RISK ASSESSMENT. MORE STRINGENT THAN CLASS 1			USER SPECIFIED	USER SPECIFIED



SPAREPART & ACCESSORIES



INDICATOR

- Pressure Gauge
- Pressure Indicator
- Oil Content
- Humidity
- And many more



Media Filter

- Molecular Sieve
- Activated Alumina
- Silica Gel
- Catalyst
- Activated Carbon



Accesories Service Contract



PROJECT REFERENCE

2021

- New STP 300MPD - Sentul Tower Apartement
- Cooling Tower Maintenance - PT Indonesia Nippon Seiki
- Installation new BWRO - PT Ihara MFG Indonesia
- Chemical Supply - PT Indo Muro Kencana
- New WWTP 200MPD - PT Non Ferindo Utama
- Optimization WWTP System - PT Isuzu Astra Motor Indonesia

2022

- Repair WWTP System - PT Sari Melati Kencana
- Chemical Maintenance WWTP - PT Yuasa Battery Indonesia
- Maintenance Service WWTP - Great Western Serpong Apartment
- Replacement Media Air Dryer - PT Sorini Agro Asia Corporindo, Tbk
- Installation Cooling Tower - PT Yoshino Indonesia



PROJECT REFERENCE

2023

- ✓ Installation Roof Insulation - PT Greentex Indonesia Utama II
- ✓ New WTP RO 12 MPD - PT APM Armada Autoparts
- ✓ Installation Boiler System - PT Dongsuh Indonesia
- ✓ Installation WTP 20 MPD - PT Tambang Raya Usaha Tama
- ✓ Equipment Laboratory - PT Tambang Raya Usaha Tama
- ✓ Multi Disc Screw Press Installation System - PT Bumi Tangerang Mesindotama (BT Cocoa)
- ✓ Chemical Maintenance WWTP - PT Yuasa Battery Indonesia
- ✓ Compressor Air Dryer Analyzer - PT Rich Product Indonesia
- ✓ Optimization WWTP and STP - PT Suzuki Indomobil Motor
- ✓ Installation FRP Panel Tank 80MPD - PT Tambang Raya Usaha Tama
- ✓ Optimization WWTP - PT Mekar Armada Jaya



PROJECT REFERENCE

2023

- Chemical Treatment Supply - PT APM Hyundai Transys
- New WWTP 10MPD - PT Multi Bina Pura International
- Improvement WWTP 15MPD - PT AT Indonesia
- Container Toilet Custom - PT Tambang Raya Usaha Tama

2024

- Container Office Custom - PT Tambang Raya Usaha Tama
- Equipment Laboratory - PT Lautan Hutan Lestari Group
- Pondok Dump(Manpower) - PT Tambang Raya Usaha Tama



HEALTH, SAFETY AND ENVIRONMENT

Health , Occupational safety & environmental issues are important aspects in business and operational activities of Technology Filter Indonesia.PT Implementation of K3L at Technology Filter Indonesia.PT has been regulated in a formal framework that includes aspects of company policy, planning, implementation, performance measurement, and evaluation and improvement on an ongoing basis.



**TECHNOLOGY FILTER
INDONESIA**

WATER AND AIR SOLUTION

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