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www.tnec.co.kr http://chic87.en.ec21.com http://tnefilter.tradekorea.com

2019

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# **SUMMARY**

- About us ---- 3F
- Organizaton ---- 4F

# **BUSINESS TERRITORY**

- Clean room ---- 5~9P
  - What the clean room System is.
  - Clean room solution
  - Clean room design flow chart
  - Equipment
- Air filters ---- 10P
  - ULPA, HEPA filter
  - Medium, pre filter
  - Activated carbon filter



# Customers satisfaction first

TNE corporation the industrial clean rooms and more than 20 years in the field of hvac had worked as an expert personnel that have been made by the company. Using our excellent technical skills and know-how, we are designing and constructing clean rooms in industries that need air quality control, such as semiconductor plants, high-precision electronics parts companies, pharmaceutical companies, power plants and food companies.

In addition, for various clean rooms required by customers in each field, air filters, a key component, are produced in various grades.

As a result of years of research and development, we have developed a military air filter that can protect against radiation, biological, and chemical attacks and have produced it exclusively to the Korean Defense Ministry. The products are installed in all the tanks, self-propelled guns, battle ships and bunkers produced by South Korea.

We will be a company that understands the different requirements of each customer and provides the best solution, including the optimal environmental conditions that the customer wants and the equipment accordingly. Thank you.



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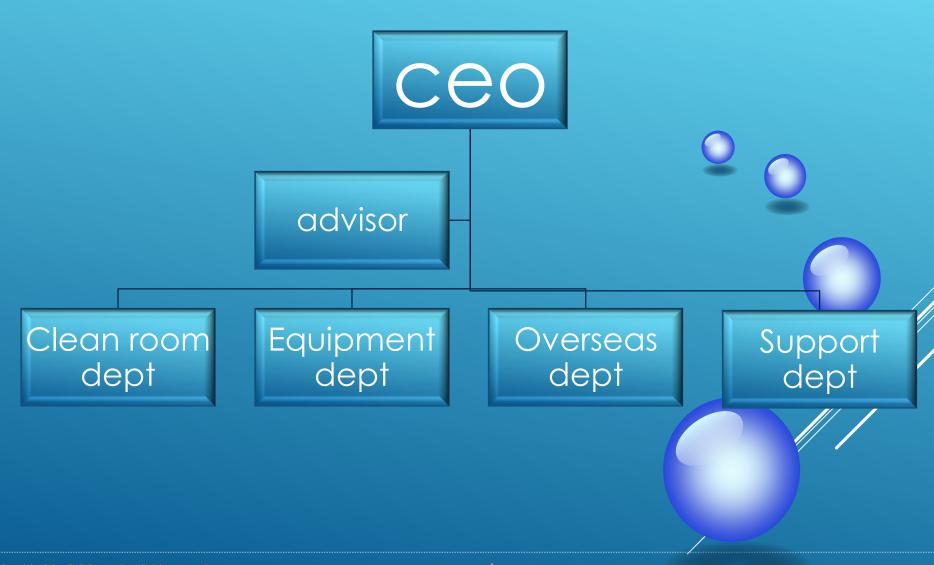
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### **Oganization chart**



# WHAT THE CLEAN ROOM SYSTEM IS.

### **DEFINITION OF CLEAN ROOM**

Special indoor spaces designed to control indoor air temperature, humidity, pressure, harmful gas, vibration, indoor illumination, distribution and velocity of air flow are called clean room.

# CLEAN ROOM SOLUTION

consulting design construction equipment Clean room Lab Equipment Clean room grade Air filters Lab

Follow - up

- Equipment
- Grade
- Constant temp, humidity

- Air filters
- Duct
- Ventilation
- · Handling unit

- Duct
- Ventilation
- Handling unit

- · Air filters
- Replacement
- Education

# CLEAN ROOM DESIGH FLOW CHART

Determination- target cleanliness, temperature and humidity.

Analysis – working detail, needed equipment

**Working layout** 

Constructural design earthquake/fire proof

Set up equipment

**Handling manual** 

Maintenance/Education.

**Quality control** 











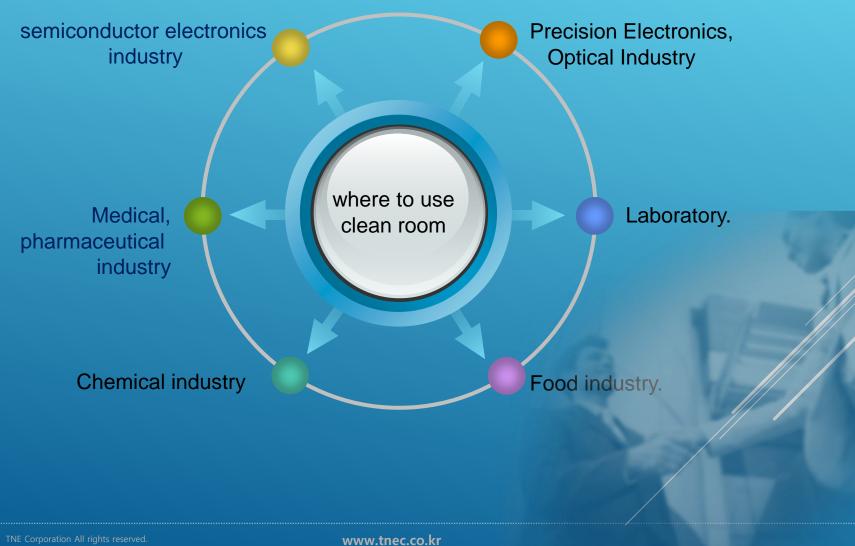






# **EQUIPMENT**





# **AIR FILTERS**

# **Air filters**

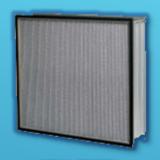
**ULPA, HEPA FILTERS** 

**MEDIUMM PRE FILTERS** 

**ACTIVATED CARBON FILTERS** 



<ULPA FILTER>



<HEPA FILTER>



< HEPA FILTER for high temp.>



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<PRE FILTER>



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<Activated Carbon Filter>



<Carbon Tray Unit>

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