STRATO SYNERGY

ISO 45001 HEALTH & SAFETY MANAGEMENT

ISO 14001 ENVIRONMENTAL MANAGEMENT

ISO 9001 QUALITY MANAGEMENT

CORPORATE PROFILE

UNIFYING POSSIBILITIES, EMPOWERING SUCCESS

- MARINE
- OIL & GAS
- COMMERCIAL
- PHARMACEUTICAL
- CHEMICAL PROCESS
- FOOD PROCESS

2025

CONTENTS

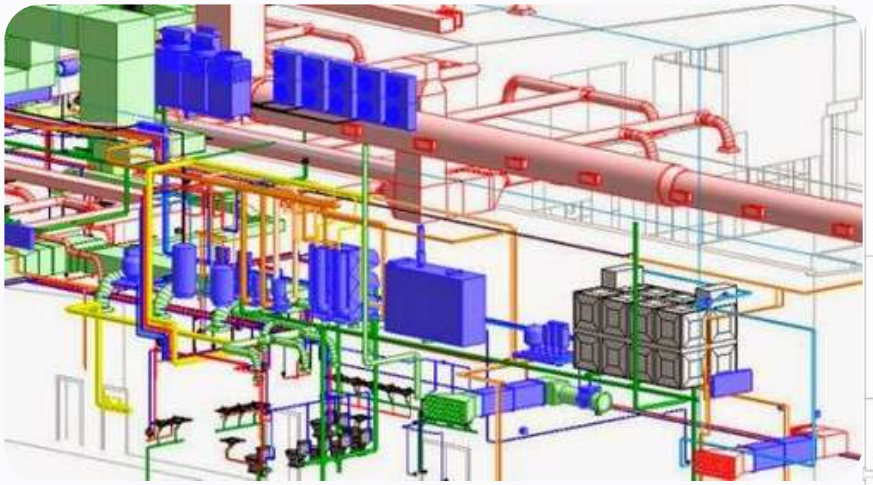
01	Welcome Message & Key Person Biodata	003-005
02	Company Background	006
03	Certificates	007
04	Organization Chart & Our Field Of Expertise	008
05	Our History	010-011
06	Our Services	012-023
07	Our Product	024-030
08	Our Facilities Workshop & Warehouse	031
09	Our Machine's	032-035
10	Track Records	036-038
11	Gallery	039
12	Contact	040

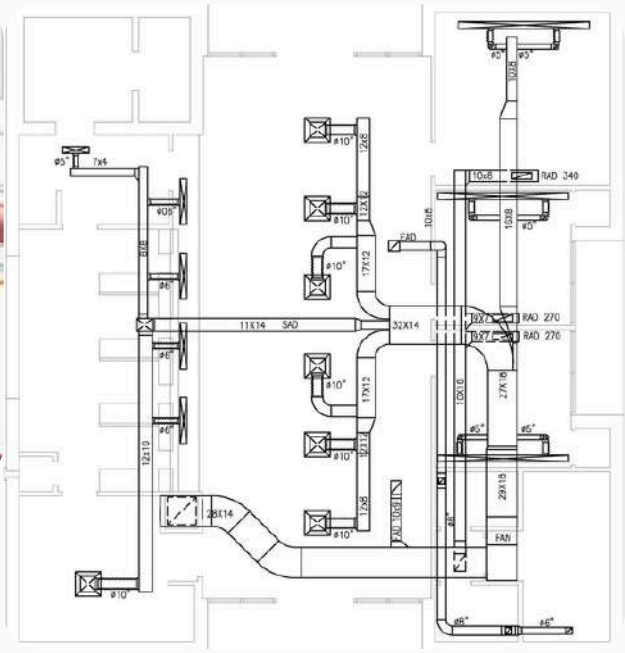
OUR SERVICES

OUR SERVICES

- DESIGN & ENGINEERING
- CONSTRUCTION & FABRICATION
- COMMISSIONING
- TROUBLESHOOT & REPAIR
  - SERVICE CILLER
  - SPLIT DUCT AC
  - SPLIT WALL
  - FAN BLOWER MUSHROOM
- SPARE PARTS
- MAINTENANCE

Design & Engineering





Heat Ventilation and Air Conditioning (HVAC) design and engineering a crucial aspects of building or space, construction, and maintenance. This specialized field involves the creation and implementation of systems that provide comfortable and healthy indoor air quality. HVAC designers and engineers utilize principles of thermodynamics, fluid mechanics, and heat transfer to develop efficient heating, ventilation, and cooling systems.

These systems include equipment such as air conditioning units, heat pumps, fans, and ductwork. The design process involves determining the heating and cooling requirements of the space, calculating the load, and selecting appropriate equipment and components. The engineering aspect includes creating detailed plans, performing calculations, coordinating with other professionals, and ensuring compliance with building codes and regulations. Effective HVAC design and engineering result in energy-efficient, cost-effective, and environmentally friendly solutions for maintaining optimum indoor air quality and comfort.

Construction & Fabrication

The fabrication process involves the production of various heat ventilation and air conditioning equipment such as ducting, penetrations, air handling units, fans, dampers, and more. This involves creating these components using various materials and techniques to ensure optimal functionality. Ducting systems are integral in directing and distributing conditioned air throughout a building, while penetrations are designed to allow for the passage of ducts and pipes through walls and floors. Air handling units play a crucial role in filtering, cooling, and distributing air, while fans provide the necessary airflow. Dampers, on the other hand, help regulate the flow of air within the system. The fabrication of these components requires precision and expertise to ensure the efficiency and effectiveness of the overall HVAC system.

Commissioning

Heat Ventilation and Air Conditioning (HVAC) commissioning is a crucial process in ensuring the optimal functioning and efficiency of HVAC systems in buildings. This process involves the thorough examination, adjustment, and testing of all components of the HVAC system to ensure that they are functioning properly and meeting the required performance standards. It includes activities such as balancing airflows, checking temperature and humidity control, and verifying the proper operation of sensors, valves, and controls. HVAC commissioning also involves verifying that the system is installed and calibrated correctly and that it meets the design specifications. Additionally, it includes documenting the entire commissioning process and providing a comprehensive report to the building owner or operator. HVAC commissioning plays a vital role in ensuring occupant comfort, energy efficiency, and indoor air quality in buildings.

Troubleshoot & Repair

Our team of skilled technicians specializes in troubleshooting and repairing heating, ventilation, and air conditioning systems. Whether your system is not producing enough heat, the airflow is weak, or the air conditioning is not cooling properly, we have the expertise to diagnose and fix the issue. We understand the importance of a comfortable indoor environment, especially during extreme weather conditions. With our in-depth knowledge and state-of-the-art equipment, we can efficiently identify the problem and provide effective solutions to restore optimal performance. From repairing faulty thermostats to resolving compressor issues, we tackle a wide range of HVAC problems. Trust us to deliver reliable and efficient repair services, ensuring that your HVAC system operates smoothly and keeps your space comfortable all year round.

CHILLER SYSTEM

Chiller And Chilled water Pipe Repair

SPLIT DUCT AC

Evaporator and Compressor Replacement

SPLIT WALL

Indoor and Outdoor Unit Installation

FAN BLOWER MUSHROOM

Fabrication and Installation

Tubing & Instrumentation

Fabrication and Installation Testing and Calibration

Refrigeration & Chilled Water Piping

Fabrication and Installation, Testing and Calibration

Spare Parts

We specialize in supplying a wide range of spare parts for heating, ventilation, and air conditioning systems. Our extensive inventory includes components such as filters, motors, control panels, thermostats, and compressors, among others. Whether you are a contractor, technician, or homeowner, we have the right parts to meet your needs. Our high-quality products come from reputable manufacturers, ensuring durability and reliability. With our efficient supply chain management, we can promptly deliver the required spare parts to your doorstep. Our knowledgeable team is also available to provide technical assistance and guidance, ensuring that you find the right solution for any HVAC issue. Trust us for all your HVAC spare parts requirements, and experience superior performance and comfort in your heating and cooling systems.

Maintenance

Scheduled and non-scheduled maintenance for heat ventilation and air conditioning systems is vital to ensure their optimal performance and longevity. Regular maintenance includes periodic inspections, cleaning, and lubrication of the components to prevent any potential issues. This helps in reducing the chances of breakdowns and minimizes the risk of costly repairs. Additionally, scheduled maintenance provides an opportunity to identify and address any wear and tear or minor faults before they develop into major problems.

On the other hand, non-scheduled maintenance is required when unexpected breakdowns or malfunctions occur. Prompt response and repair are essential to restore the system's functionality and maintain a comfortable indoor environment. By adhering to both scheduled and non-scheduled maintenance, one can ensure the efficient operation of heat ventilation and air conditioning systems, leading to improved energy efficiency and enhanced occupant comfort.

Manpower Supply and Sourcing

Manager

- General Manager
- Project Manager
- Site Manager

Engineer

- HVAC Engineer
- Electrical & Instrumen Engineer
- Civil Engineer
- Architectural Engineer
- Mechanical Engineer

Planner

HSE Officer

Supervisor

- Fabrrication
- Installation

Quality Control/Quality Assurance

Foreman

Ducting Skill

Welder SMAW,GTAW 3G,4G,6G

Fitter

Insullation Skill

General Worker

CONTACT US

BINTANG INDUSTRI II, BLOK D NO. 631,
TANJUNG UNCANG, KEC BATU AJI
KOTA BATAM, KEPULAUAN RIAU, 29424
INDONESIA

+6282392813331

www.stratosynergy.com

info@stratosynergy.com