



Safemac Solutions Sdn Bhd



provider of complete  
turnkey solutions  
for laboratories  
and industries



## INTRODUCTION

**To provide complete  
turnkey solutions for  
laboratories  
research, quality  
control and processing**

*Our Vision Statement*



## SAFEMAC SOLUTIONS SDN BHD

Safemac Solutions Sdn Bhd is a Malaysian registered company that carries cutting edge technology scientific products. Established in 2010, being one of the business units under the Safemac Group of Companies, Safemac Solutions successfully developed its solid platform in various industries.

Being a young and aggressive company, it has outlined the core products and services that allowed its well experienced management to define highest quality in meeting the clients' needs. Safemac Solutions provides a total solution for laboratory furniture design and built, recommendation of equipment based on customer's application and processing or production requirements.

We pride ourselves as being one of the fast growing scientific instrument supplies and services firm. Safemac Solutions has the ability to design and fabricate equipment, machinery and stainless steel wares for factories, research centers, hospitals and farms. Our scope of work covers refrigeration, heating, insulation, mixing and dispersing, weighing and bagging, dosing, conveying storing, volumetric measuring, liquid controls, pneumatic, hydraulic, mechanical, electrical sensors etc.

### At A Glance

Registered Business Name	Safemac Solutions Sdn Bhd
Business Registration No.	898308-M
Date of Establishment	14th April 2010
Business Address	No. 27-1, Jalan PJS 5/28, Pusat Dagangan Petaling Jaya Selatan (PJCC), 46150 Petaling Jaya, Selangor, Malaysia.
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Our range of lab furniture is designed to meet the toughest demands required by the various laboratories that include scientific research, oil and gas, pharmaceutical and industrial laboratories. Through our experience, we understand the demands and requirements of the modern day laboratory facility and have incorporated these features into our furniture range.

In Safemac Solutions, all the materials that used in constructing the furniture are carefully selected to ensure our top quality delivered to our clients. We also customize the furniture and the design according to our client's requirements.



Safety Shower



Eyewash



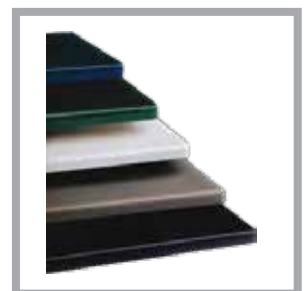
Water Tabs



Gas Outlets



Cabinets & Drawers



Work Top Materials



## LOCAL EXHAUST VENTILATION SYSTEM



### Our Services includes Design, Supply and Maintenance of Local Exhaust Ventilation System

If your company employs processes that produce dust, mist, fume, gas or vapor, there may be a risk to the health of your staff. If this is the case, you will need to provide Local Exhaust Ventilation (LEV). This needs to be correctly specified, installed and maintained if it is to protect your workforce.

Local Exhaust Ventilation Hood designed to provide personnel protection; we specialize on design, supply, installation and obtain local authority approval.

Local exhaust ventilation systems can be the most cost-effective method of controlling air pollutants and excessive heat. For many manual operations, capturing pollutants at or near their source is the only way to ensure compliance with threshold limit values (TLVs) in the worker's breathing zone. Local exhaust ventilation optimizes ventilation exhaust airflow, thus optimizing system operating costs.

Scopes of supplies and services :-

- Supply and service of industrial Fan
- Supply of Laboratory Hoods and Equipment
- Supply of chemical storage solution with ventilation and exhaust Hood
- Installation service for Local Exhaust Hood and Laboratory Furnitures & Utilities.



### Service and Maintenance of Local Exhaust Ventilation System and Laboratory Fume Cupboards



## LOCAL EXHAUST VENTILATION SYSTEM

### Our Services includes Design, Supply and Maintenance of Local Exhaust Ventilation System

Safemac Solutions offer a wide range of fume cupboards to meet the different laboratory demands. All the fume cupboards are designed and built to cater different usage, applications and environment. Focusing on high level of safety features and protection from hazardous substances, our fume cupboards are compliant with the standards such as EN14175 and Ashrae 110-95.

Our fume cupboards also come with uniform exhaust, air distribution in hood for safe and efficient handling of toxic, corrosive and other harmful fumes emitted from materials used in the laboratory.



Safemac Solutions Fume Cupboard Features :-

#### 1. Double-Wall Structure

Double wall structure consists of exterior housing (outer casing) constructed using baked epoxy steel panel which is easily detachable and chemical resistance to external solvent and acid exposure and internal hood (inner casing) for maximum space as well as easy cleaning.

#### 2. Air Baffle

Constructed and designed to maintain air flow of minimum point to point velocity variation with sash in maximum open position.

#### 3. Sash

Construction of tampering safety glass which provides clear and complete viewing of hood interior.

#### 4. Service Fixture

Fitted with service fixture for gases and water operated with the sash in any position and are controlled from outside the hood working chamber.

#### 5. Access Panel

Provided with access panels to facilitate easy removal for inspection or servicing of factory wired electrical components, control valves and plumbing.

#### 6. Solvent Filter

Hepa filter and carbon filter are used for dust and solvent fumes mounted on outlet duct.



## SAFETY STORAGE CABINET

Flammable, Acid, Pesticide Storage Cabinet  
30, 45, 60 & 90 Gallons



Polypropylene Corrosive Storage Cabinets

Ventilation solution for laboratory chemical storage







## One Stop Laboratory Operation Products

Cost-effective operation of laboratories is a challenge for today scientist and manufacturers having in-house laboratories to source for a reliable, high-quality source for laboratory products and services. Our solution solves this problem by providing a reliable destination for required products – including Laboratory Set up, supplies of chemicals, glassware, reference standards, impurities for analysis and general laboratory equipment, analytical instruments, Life Sciences solution & laboratory consumables. Not only can Safemac provide the necessary products and tools, we can help you decide which products are best for your project.

### Our Current Portfolio

- Laboratory Design, Installation, supplies of furniture
- Laboratory Renovation
- Speciality Lab e.g Clean Room, Biosafety Lab Solution
- Labware and Supplies
- Microbiology Lab product
- General Lab equipment
- Analytical Instruments
- Life Science Equipment and Consumable
- Laboratory Chemicals and Analytical Standards

### Our Services

- Design, Supply and Maintenance of Local Exhaust Ventilation System
- Relocation of Laboratory Furniture
- Installation services of Laboratory Furniture



Life Science Equipment



Laboratory Consumable



General Lab Equipment



Laboratory LIMs solution



Water Purification solution



Analytical Instrument



Chemical & Bioreactors



Glassware, Plasticware



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