



Jana Tanmia Resources

FACILITY & ENERGY ENGINEERING

**Mechanical and
Electrical (M&E)**

(382767-D)

NO 11, Jalan Kota Raja H 27/H, Seksyen 27, Hicom Town Centre, 40400 Shah Alam, Selangor Darul Ehsan.
TEL : 03 5191 4505 | FAX : 03 5191 4508 | enquiry@janatanmia.com.my | www.jtr.my

CORPORATE OVERVIEW

The company has established a diverse portfolio encompasses ranges of portfolio in the area of Project Management and Facility Management since its establishment in 8th April 1996.

ENGINEERING

- SYSTEM DESIGN

PROJECT MANAGEMENT

- CONSTRUCTION (CIVIL, MECHANICAL & ELECTRICAL)

ASSET & FACILITY MANAGEMENT

- MAINTENANCE (FACILITY MANAGEMENT)

For every job, we bring an unmatched combination of knowledge, skill, experience and customer commitment. We are employing hundreds of technical staff around the country and have helped in improving local employment at all sites that we have presence. We conduct a continuous on job training at all levels and project quality management system to ensure consistent high quality projects deliverables. Knowledge is the basis of our success.

COMPANY VISION

To Be The Industries Leading Company In Facility & Energy Engineering

COMPANY MISSION

- **Customers and partners will see us as integral to their success; We will anticipate their need and deliver every commitment we make.**
- **People will be proud to work at Jana Tanmia Resources Sdn. Bhd. We will create opportunities to achieve and will reward success.**
- **Advance knowledge and latest technologies are our main components of our organization. We will integrate it in all our projects as part of our deliverables to our customers.**

PROFESSIONAL COMPETENCY

Asset Management

- Certified Associate in Asset Management, CAAM (AMC, AUS)
- Certified Facility Manager, CFM (CIDB, MY)
- Certified Healthcare Facilities Manager, CHFM (CIDB, MY)
- Certified Competent of Healthcare Contractor, SKKK (JKR, MY)

Project Management

- Master International Project Management, MIPM (IAPM,UK)

HVAC

- Authorized Person Healthcare HVAC (BTEC,UK)

ENERGY

- Registered Electrical Energy Managers, REEM (EC,MY)
- Green Building Index Facilitator, GBIF (MGBC,MY)
- Certified Energy Manager, CEM (AEMAS, MY)
- Certified Professional Measurement & Verification, CPMV (MGTC,MY)



ASSET MANAGEMENT COUNCIL



Approved Centre from Pearson



PROFESSIONAL AFFILIATION

FM

- President IFMA (My Chapter)
- Past Chairman of Asset and Facility Management Committee CIDB
- Member IFMA, International Facility Management Association (USA)
- Member IAM, Institute of Asset Management (UK)
- Member AMC, Asset Management Council (Aus)
- Member ISO / TC 267 – Facility Management ISO 41000
- Member ISO PC 251-Asset Management ISO 55000

HVAC

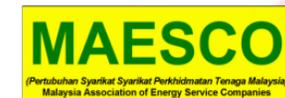
- Member ASHRAE (USA)

ENERGY

- President AEE (My Chapter)
- Member AEE (USA)
- Member MAESCO (MAS)



ASSET MANAGEMENT COUNCIL



COMPANY POLICY

At Jana Tanmia Resources Sdn Bhd, quality means doing every job right at the first time. This would mean to deliver to the required specification within the time frame as planned. We will always deliver quality work and continually striving to improve our performance through ISO9001:2008, 5S, Standard Operating System (SOP's) and other initiatives to ensure commitment of the organization to continually improve the effectiveness of the quality management system.




Dato' Haji Mohd Zaidi Bin IImandin D.I.M.P., K.M.N.,
REEM, MIPM, GBIF, CEM, CEA, CPMV
Managing Director Jana Tanmia Resources Sdn Bhd



JTR SAFETY & HEALTH POLICY

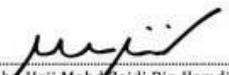
Jana Tanmia Resources Sdn Bhd is committed to provide a safe and healthy environment for all our staff at headquarters and sites and recognizes its obligations under the Occupational Safety and Health Act 1994. Our company also committed to stimulate learning and achieve the highest standards of occupational safety and health in accordance with best practices.

JTR Safety & Health Policy :

1. To establish and maintain a safe environment for staff either in headquarter or sites
2. To identify and eliminate hazards in order to prevent accidents;
3. To promote safety consciousness and responsibility; and
4. To involve staff and general workers in safety planning and implementation.

Our company expects staff to comply with its occupational safety and health policies, procedures and guidelines, and to conduct themselves in a safe manner, not placing themselves or others at risk. Management staff are responsible for the safety and health of staff working under their direction.

JTR also committed to provide a safe and healthy environment for our visitors who come into company premises or sites. Subcontractors that working under JTR also required to conduct their activities in a manner that ensures the safety, health and welfare of others.


Dato' Haji Mohd Zaidi Bin IImandin D.I.M.P., K.M.N.,
REEM, MIPM, GBIF, CEM, CEA, CPMV, CAAM
Managing Director Jana Tanmia Resources Sdn Bhd

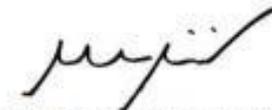


JANA TANMIA RESOURCES SDN BHD
(382767-D)

Environmental Policy

JANA TANMIA RESOURCES SDN BHD shall work with the environment factor in contributing to a positive environmental development in our industry and as well as internationally compliance. With the commitment and supports from staff, subcontractor, vendors, suppliers, and clients we will increase our environmental quality and reduce the negative impact by:

- Continuously care and comply towards an improved environmental performance
- Reduce waste of natural and artificial resources by reducing the amount of scrap item in relation to control the purchase volume
- Alert and consideration in investing the chemical or product which related to environmental
- Follow and adhere to applicable environmental best practices, standards, laws, and regulations





Dato' Haji Mohd Zaidi Bin IImandin DIMP, KMN,
REEM, MIPM, GBIF, CEM, CEA, CPMV, CAAM
Pengarah Urusan/ Chief Technical Officer

COMPANY ACHIEVEMENT & AWARD



CERTIFIED TO ISO 9001:2015
CERT. NO.: QMS 02444



Asia Pacific
Entrepreneurship
Awards



SIRIM QAS

CERTIFICATE

SIRIM QAS International hereby certifies that
JANA TANMIA RESOURCES SDN. BHD.
NO. 11, JALAN KOTA RAJA H27H
HICOM TOWN CENTRE
SEKSYEN 27
40400 SHAH ALAM
SELANGOR DARUL EHSAN
MALAYSIA

has implemented a Quality Management System complying with
ISO 9001 : 2008
QUALITY MANAGEMENT SYSTEMS - Requirements

Scope of Certification
**PROVISION OF FACILITIES MANAGEMENT AND MAINTENANCE OF HVAC
SYSTEM, CLEANING, LANDSCAPING AND WASTE DISPOSAL SERVICES.**

Issue date : 28 April 2016
Validity period : 28 April 2016 - 14 September 2018
Certification No. : AR 5822

1 Chaidah Yusoff
Khalidah Mustafa
Managing Director
SIRIM QAS International Sdn. Bhd.

SIRIM QAS International Sdn. Bhd.
1, Jalan Medan Damansara, Medan Damansara, 50480 Kuala Lumpur, Malaysia
Tel: 603-2334 8224
Fax: 603-2334 8227
http://www.sirim.com.my
http://www.internationalqas.com

This certificate is governed subject to the terms and conditions as stated in the Certification Agreement.

APIAE
2017

**CERTIFICATE /
ACHIEVEMENT**

ENTERPRISE ASIA HEREBY CONFERS THE ASIA PACIFIC ENTREPRENEURSHIP AWARDS
(FACILITY MANAGEMENT INDUSTRY)

TO
HJ. MOHD ZAIDI BIN ILAMDIN
JANA TANMIA RESOURCES SDN. BHD.

FOR OUTSTANDING & EXEMPLARY ACHIEVEMENTS IN ENTREPRENEURSHIP

Signed on
25TH AUGUST 2017
By order of the Trustees & Board of Enterprise Asia

WILLIAM NG
President

ASIA LACHIC
IN ENTREPRENEURSHIP

SME 100
Awards 2014
FAST MOVING COMPANIES

**CERTIFICATE OF
ACHIEVEMENT**

This is to certify that
JANA TANMIA RESOURCES SDN BHD

is a recipient of the SME 100 Awards 2014
presented ON 11th December 2014

DATO' WILLIAM NG
Group Publisher / Man-in-Chief
Business Media International

GENERAL ORGANIZATION CHART



- »» Chairman
- »» Board of Director
- »» Managing Director
- »» Executive Director



Managing Director Office Department

- Director
- MDO Assistant
- MD Driver



Business Development Department

- Business Development Manager
- Executive



Contract & Technical Support Department

- Sr. Quantity Surveyor
- Quantity Surveyor
- Draughtperson



Operation Department

- Operation Director
- Sr. OPR Coordinator
- OPR Coordinator



Human Resource & Administration Department

- HRA Manager
- Admin



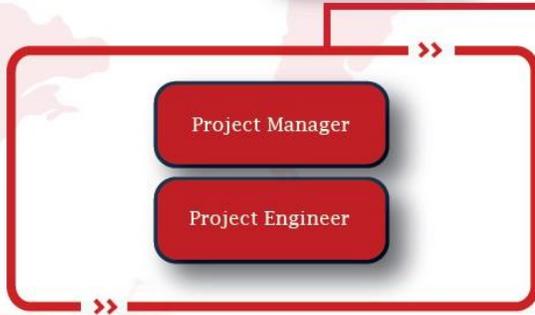
Financial Control Department

- Finance Director
- Finance Executive
- Admin



Safety & Health Department

- Safety Officer
- Site Safety Supervisor



CORPORATE OVERVIEW

PAID-UP CAPITAL & AUTHORIZED CAPITAL

Paid-Up Capital	RM 5,000,000.00
Authorized Capital	RM 5,000,000.00

JTR DIRECTORS

Dato' Haji Mohd Zaidi Bin ILamdin	Managing Director
Datin Hajjah Sarina Binti Abdul Rashid	Executive Director
Mohd Nashriq Bin Sulaini	Director
Mohd Nasir Bin Yatollah	Operation Director
Zilfadlina Binti Mohamed	Finance Director

MECHANICAL & ELECTRICAL SYSTEM

MECHANICAL ENGINEERING & SERVICES

Air Conditioning / Ventilation System

Cold Water System

Medical / Industrial Gas System

Fire Protection System

Refrigeration System

Clean Room / Critical Environment

Hot Water, Steam System / Thermal Oil System

Industrial Compress Air System

ELECTRICAL ENGINEERING & SERVICES

Street Lighting System

Traffic Control System

Genset System

Building Electrical (High Voltage / Low Voltage)

Substation System

Lightning Protection System (LPS)

Extra Low Voltage System (ELV)

Building Automation System (BAS)

Uninterrupted Power Supply System (UPS)

Isolated Power Supply System (IPS)

ASSET, FACILITY & ENERGY MANAGEMENT

FACILITIES MANAGEMENT SYSTEM CONSULTATION (ISO 41001)

Gap Analysis Mentoring Session	Alignment Report
Brainstorming Session	Training & Education
	Certification Body Audit Support

ASSET MANAGEMENT SYSTEM CONSULTATION (ISO 55001)

Gap Analysis Mentoring Session	Alignment Report
Brainstorming Session	Training & Education
	Certification Body Audit Support

FACILITIES & MAINTENANCE MANAGEMENT CONTRACTOR

Civil , Structure, Mech and Elec Maintenance HVACR Equipment Maintenance	Landscaping Cleaning & Cleansing Waste Collection and Management Pest Control
Fire Fighting Equipment Maintenance	Lift Maintenance

ENERGY MANAGEMENT SYSTEM CONSULTATION

Prelim Energy Audit Detail	Energy Management System (ISO 50001)
Energy Audit	ASEAN Energy Management Accreditation Scheme (AEMAS)

ENERGY PERFORMANCE CONTRACTING AND SYSTEM DESIGN & INSTALLATION

Chiller Plant Room Optimisation Air Side HVAC Optimisation Control BMS Optimisation	Lighting and Lighting Control System Compress Air System Optimisation
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OUR SPECIALIZATIONS



- *SUSTAINABLE CONSTRUCTION*

• - *SUSTAINABLE FACILITY MANAGEMEMENT*



• - *ENERGY MANAGEMENT ENERGY EFFICIENT SYSTEM*

• - *BUILDING IEQ, IAQ, HUMIDITY & MOLD CONTROL*

• - *CLEANROOM OPERATION THEATER, BIOSAFETY LAB, GMP LAB*



• - *ENERGY EFFICIENT HVAC/ ACMV SYSTEM*

- *MEDICAL GAS PIPELINE SYSTEM*

- *HOT WATER & STEAM SYSTEM*



- *RENEWABLE ENERGY (RE)*





JTR

**MECHANICAL & ELECTRICAL
SPECIALISATION**



JTR MECHANICAL & ELECTRICAL
SHOWCASE/EXPERIENCE





KPJ Miri Specialist Hospital

SCOPE OF WORK: INSTALLATION OF MAGNETIC BEARING CHILLERS AND COOLING TOWERS, COMPLETE WITH WATER TREATMENT SYSTEM



HOSPITAL SIBU, SARAWAK

CADANGAN KERJA-KERJA PENGGANTIAN CHILLER SISTEM PENYAMAN
UDARA BERPUSAT DI HOSPITAL SIBU, SARAWAK

SCOPE OF WORK: REPLACEMENT CENTRIFUGAL CHILLER TO SCREW CHILLER





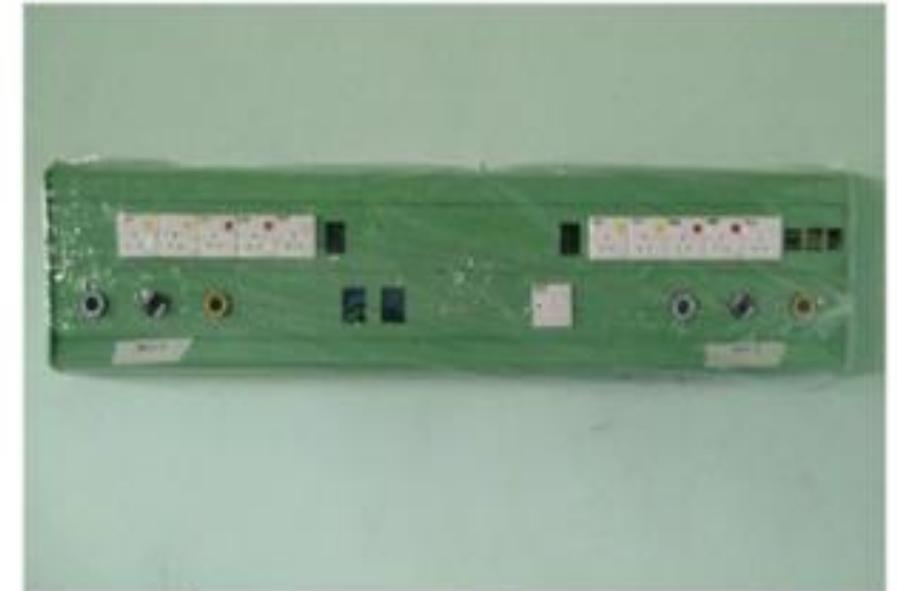
Hospital Umum Kuching, Sarawak

SCOPE OF WORK: REPLACEMENT OF CENTRALIZED AIR CONDITIONING SYSTEM INCLUDING COOLING TOWERS FOR OUTPATIENT BUILDING



HOSPITAL BINTULU

CADANGAN MENAIKTARAF UNIT RAWATAN KEBAKARAN HOSPITAL BINTULU, LOT 3606, BLOK 26, KEMENA LAND DISTRICT, SARAWAK
SCOPE OF WORK: REPLACEMENT OF MEDICAL GAS SYSTEM





HOSPITAL TENGKU AMPUAN RAHIMAH KLANG, SELANGOR

SCOPE OF WORK: INSTALLATION OF MEDICAL GAS PIPELINE SYSTEM INCLUDING SURGICAL PENDANT, BEDHEAD AND AVSUM





اوتو تكنولوجي مارا
UNIVERSITI
TEKNOLOGI
MARA

UNIVERSITI TEKNOLOGI MARA KAMPUS SUNGAI BULOH

SCOPE OF WORK: INSTALLATION OF MEDICAL GAS PIPELINE SYSTEM INCLUDING BEDHEAD, CENTRALIZED COMPRESSOR AND VACUUM PUMP SYSTEMS.





CATARACT SURGERY CENTER MAIWP, HOSPITAL SELAYANG

SCOPE OF WORK: DESIGN AND BUILD (M&E AND OT ROOMS), INCLUDE MAINTAINANCE FOR CATARACT SURGERY CENTRE, SELANGOR.



PUTRA SPECIALIST HOSPITAL MELAKA

EXECUTION OF ENERGY EFFICIENCY INITIATIVES IN 9 STATE-OWNED BUILDINGS IN MELAKA OF WHICH THE FIRST PHASE (1ST PHASE) SHALL BE FOLLOWING BUILDINGS LOCATED AT :

PUTRA SPECIALIST HOSPITAL, MELAKA

SCOPE OF WORK: DESIGN AND BUILD MAGNETIC CHILLER PLANT COMPLETE WITH COOLING TOWER AND PANEL REPLACEMENT



POLIKLINIK KOMUNITI AYER KEROH, MELAKA

AIR CONDITIONING WORK, EXTERMINATION AND PREVENTING FUNGAL
GROWING AT POLIKLINIK AYER KEROH, MELAKA





USM

UNIVERSITI SAINS MALAYSIA

LABORATORY RESEARCH CENTER

RENOVATION, REFURBISHMENT, AND UPGRADING OF BLOCKS J12 AND J13 TO BE CONVERTED INTO RESEARCH AND TEACHING LABORATORIES FOR THE FACULTY OF PHARMACEUTICAL SCIENCES, USM, PULAU PINANG.





USM

UNIVERSITI SAINS MALAYSIA

BIO-SAFETY LABORATORY

DESIGN, CONSTRUCT, COMPLETE, EQUIP, MAINTAIN, AND COMMISSION A "BIOSAFETY LABORATORY LEVEL 2" AT BLOCK A, FOR THE PHARMACEUTICAL RESEARCH LABORATORY, MALAYSIAN INSTITUTE OF PHARMACEUTICALS AND NUTRACEUTICALS UNDER THE MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION.





كو او فب تكم فرتام

CO-OP BANK
PERTAMA

PRIVATE BANK CO-OP BANK PERTAMA, HEADQUARTERS

PROJECT OF REFURBISHMENT & RENOVATION FOR CIVIL, MECHANICAL, ELCTRICAL SYSTEM INCLUDE WITH ARCHITECHTURAL & INTERIOR DESIGN WITH FACILITY MANAGEMENT





JTR

**ENERGY MANAGEMENT
SYSTEM CONSULTATION**

ISO 55000 - ASSET MANAGEMENT SYSTEM CONSISTS OF :

ISO 55000

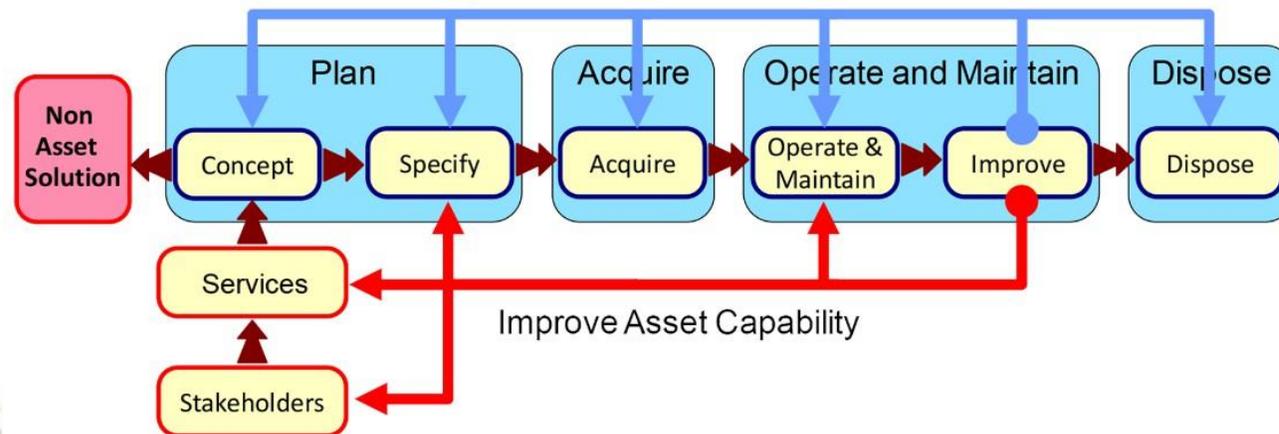
An overview of the principles, concepts and terminology relating to asset management.

ISO 55001

Specifies the requirements for establishing, implementing, maintaining and improving an asset management system.

ISO 55002

Provides guidance, explanatory on the application of ISO 55001.

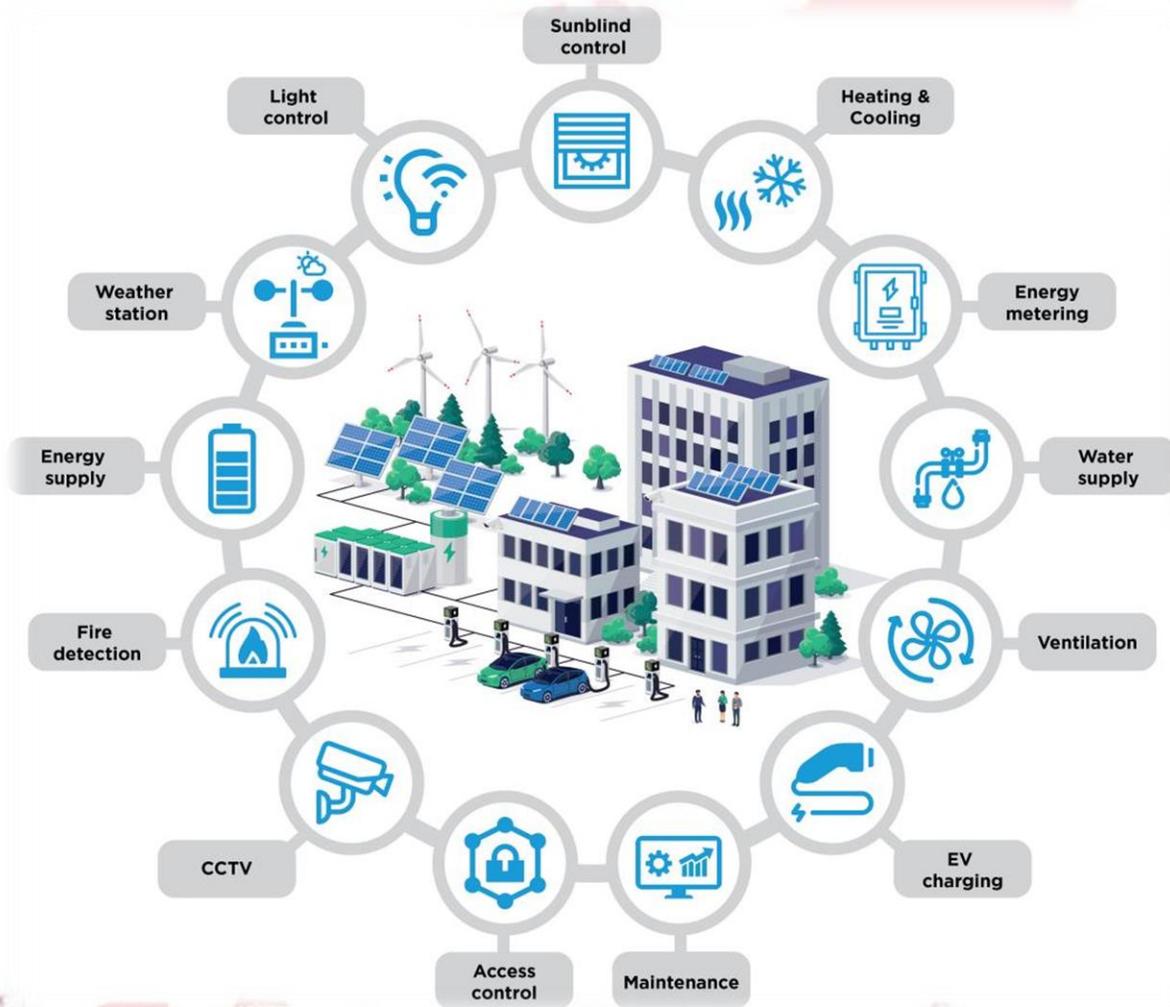


ASSET/FACILITY LIFE CYCLE PROCESS

OUR REFERENCES

- *ISO 55001: 2014 - Asset Management Systems- Requirements*
- *ISO 31000 : 2009 - Risk Management - Principles and Guidelines*
- *Asset Management Council (AMC)*
- *The Institute of Asset Management (IAM)*
- *International Facility Management Association (IFMA)*
- *British Institute of Facilities Management (BIFM)*

ENERGY MANAGEMENT SYSTEM CONSULTATION



An EMS is a systematic approach for an organisation to sustainably manage energy consumption based on the Plan-Do-Check-Act (PDCA) cycle. An organisation's EMS typically comprises of the following key elements:

- A comprehensive energy policy that clearly demonstrates top management commitment;
- An energy management committee, communication channel and programs with inclusive representation and participation of key departments within the organisation;
- Documented action plans with clear work procedure, designation of responsible parties, resources, time frame, determination of baseline and performance targets;
- Implementation of an action plan with appropriate, evidenced and documented monitoring;
- Periodic review of Energy Management System (EMS) implementation (systems audit);
- Actions for continuous improvement to address systems audit recommendations.

What is the Energy Management Gold Standard (EMGS) certification?

Energy Management Gold Standard (EMGS) is an EMS certification program under the ASEAN Energy Management Scheme (AEMAS). It is coordinated by the ASEAN Centre for Energy (ACE) and is currently implemented by eight ASEAN member countries. EMGS is a 3-tier EMS certification program that is based on an organisation's progress in EMS implementation. There are three levels of certification;



1-Star EMGS is awarded to an organisation that has established a complete EMS documentation, has appointed an in house, certified energy manager (CEM) and has made budget allocation for EMGS implementation.



2-Star EMGS is awarded to a 1-Star organisation that has implemented the EMS and achieved energy reduction targets and verified energy savings.



3-Star EMGS is the highest recognition, indicating that a 2-star organisation has successfully achieved energy savings and energy reduction targets over a sustained period (of two years) through EMGS implementation.

ENERGY PERFORMANCE CONTRACTING AND SYSTEM DESIGN

Energy Performance Contracting (EPC) is a project delivery approach in which energy efficiency and infrastructure upgrades are implemented with guaranteed performance outcomes. Project costs are offset by the verified energy and operational savings generated over time, transferring performance risk away from the owner.

We will take care of everything from energy audit, design, equipment, installation and even maintenance, ensuring that our clients would not have to spend on anything.

System design translates identified opportunities into engineered solutions optimized for performance, reliability, and lifecycle cost. Design activities include:

- Detailed engineering and load analysis
- Integration with existing infrastructure and controls
- Equipment selection based on efficiency, maintainability, and redundancy
- Compliance with applicable codes, standards, and owner requirements
- Coordination across mechanical, electrical, and controls disciplines



PROJECT REFERENCE



PUTRA SPECIALIST HOSPITAL ,MALACCA

Chiller Replacement Project - Optimizing Cooling System Performance for Energy Efficiency project at Hospitals



Project Background



Danish Energy Efficiency Partners Sdn. Bhd. (DEEP) was formed in 2015 through a cooperation between Danish Energy Management & Esbensen and Danish Climate Investment Fund (KIF). KIF is managed by the Investment Fund for Developing Countries (IFU). The objective of the company is to develop and finance energy efficiency projects in Malaysia.

Putra offers its patients one-stop medical care in Malaysia. From check-ups to cardiac surgery, the Hospital deliver the three things that matter most: high quality, affordable healthcare and with no waiting.



Project Achievement



The State of Malacca entered into a contract with DEEP in June 2015 with the objective to save energy in state-owned buildings by installing and financing energy efficient technologies and services, becoming the first showcase in the region for the new Danish solution.

Energy consumption, baseline monthly average:

590, 000 kWh/ month

Average maximum demand:

1,210kW

7.08 GWh/ year

→
36%

4.45 GWh/ year

Contribution To Climate Change



Besides energy saving...

A major challenge in the efforts to cut CO2 emissions relates to the fact that buildings are not energy efficient. Modern technology and systems could significantly not only reduce this energy consumption, but also driving a new era for low carbon cities.

The benefit of the complete solution is that it not only offers a financing solution that qualified clients will have hard times to decline, but also the generation of Danish export and trade in the process. And, perhaps even more important, it enables significant, large-scale reduction of the carbon footprint of entire cities.



New technology- Magnetic Bearing Chiller

A magnetic bearing chiller utilizes electromagnetic bearings to levitate and support the rotating shaft of the compressor without physical contact. This oil-free design significantly reduces energy losses caused by friction and eliminates issues associated with oil management in conventional chillers. The system is equipped with active magnetic bearing control, ensuring precise rotor positioning and stable operation even under variable load conditions.



Danfoss TurboCore compressors are equipped with permanent magnet motors and variable speed drives, enhancing their overall efficiency. These technologies allow for precise control and optimization of performance at both full and part load conditions.





JTR

PRODUCTS

PRODUCTS

**MEDICAL GAS
PIPELINE SYSTEM**



**ADVANCE AIR
FILTRATION**



**BATTERY ENERGY
STORAGE SYSTEMS**

VOLTERRA

OIL FREE CHILLER



**ELECTRIC VEHICLE
CHARGING SYSTEM**



**CRITICAL AIR FLOW
CONTROL**



**LAMINAR AIR FLOW
CEILINGS**



KINGFIT

OIL FREE CHILLER

As a professional chiller unit manufacturer, Kingfit Group provides you with high-quality chiller cooling systems and chillers for the aluminum profile anodizing process, central control air conditioning systems, and many more. Brought by our advanced technology, we make use of variable speed oil-free magnetic bearing compressors which makes the water-cooled chiller cooling system highly efficient. Turbocor Single Magnetic Bearing Chiller can be used in many fields, such as Rubber and Plastic, Food and Beverage, Air Conditioning and Metal Surface Treatment, etc.

Rubber and Plastic – KingFit Turbocor Single Magnetic Bearing Chiller is perfect for a plastic and rubber processes as it provides high energy efficiency with a short payback period which means that comparing it to mainstream and conventional water chillers, we use Variable Speed High Efficiency which is utilized in managing the energy system of the water chillers. Moreover, this process chiller unit assures you its efficiency for manufacturing that involves plastic process cooling and rubber processing which involves the removal of immense amounts of heat such as plastic injection and plastic extruding through a single compressor which functions in heat distribution and extraction that plays a vital role in forming processing.

Food and Beverage – When it comes to food and beverage processing, it usually requires complex and sophisticated processes to attain the right formula for the food and beverages. One example would be wine fermentation in which particular processes that need very accurate temperature control are essential. This also works for milking processing, carbonated drinks, brewery, etc. With the Kingfit Turbocor Single Magnetic Bearing Chiller, it can offer you unique PLC features in which you can optimize and accurately control the temperature in real-time. It also has a control panel that has multiple features and functions such as capacity control, status display, fault diagnosis, and other automated features you can maximize to take full control and operate the water chiller unit.





Metal Surface Treatment – As our high corrosion resistance Kingfit Turbocor Single Magnetic Bearing Chiller contains a single compressor with an evaporator made of titanium, titanium alloy that has a highly efficient internal and external thread which is efficient in heat distribution and heat extraction, it is suitable for your manufacture. It also functions with a highly efficient direct cooling falling-film corrosion-resistant evaporator that can provide you with precise temperature control which is significant for the surface finishing process. With its no welding chamber head, it guarantees you a lifetime anti-corrosion.

Why choose the Kingfit Turbocor Single Magnetic Bearing Chiller?

- Ensures your energy saving (40% or more) and stability for a longer run.
- Operational costs pay back in just 2-3 years.
- Low noise.
- Runs on KINGFIT Variable Speed High Efficiency.
- Clean and environmentally friendly refrigerant R134a with zero ODP.
- An oil-free design that makes the water chiller less complicated and reduces operational and maintenance costs.



TM

MEDICAL GAS PIPELINE SYSTEM

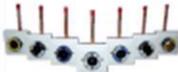
CPX PRECISION UK Ltd

BED HEAD UNIT



- Fully compliant to HTM 2015 and BS EN 11197
- Supplied pre-wired, pre-washed, fully tested and CE certified
- Colour coded and designed to customer requirements

MEDICAL GAS OUTLETS



- British Standard to BS EN 9170
- Gas Lead, Flush, Pendant Mounting options available

EN 13248 MEDICAL COPPER TUBE AND FITTINGS – DEGREASER



- Our CPX degreased copper tube is the only tube in the world to be CE marked as a Medical Device (04021500) under CE 03006



AREA ALARM UNIT



- Monitoring up to 6 gases
- Digital display options available

AVSU – AREA VALVE SERVICE UNIT



- Fully compliant to HTM 03-01 and BS EN 15400
- Gas retained and emergency access options available

MEDICAL LOCKABLE LINE VALVE



- Fully compliant to HTM 01-02
- Available in sizes 15mm-150mm

Specialists in the complete range of HTM02-01, C11 & BS EN 7396 Medical Gas Pipeline Systems

- Accredited and Operating a Quality Management System to BSI ISO 9000 and EN 13485
- All our Medical Device Products are CE Marked under Certificate No. 568506 to 93/42/EEC The Medical Device Directive
- Largest British Privately Owned Manufacturer of Medical Gas Pipeline Systems in the UK
- International Exporter to over 50 Countries Worldwide on 4 Continents
- State of the art Design, Manufacturing and Training Facility at our Head Office in Manchester-UK. European Warehouse in London-UK and Worldwide Warehouse in Dubai-United Arab Emirates

www.precisionuk.co.uk e-mail: info@precisionuk.co.uk tel: +44 (0)161 487 2822 fax: +44 (0)161 487 2816

CPX Technology Building, Pepper Road, Hazel Grove, Stockport, UK, SK7 5BW





MEDICAL GAS PIPELINE SYSTEM





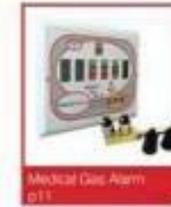
TM

MEDICAL GAS PIPELINE SYSTEM

Specialists in the complete range of HTM02-01, C11 & BS EN 7396 Medical Gas Pipeline Systems



Contents



PRECISION UK Ltd

Specialists in HTM02-01 Medical Gas Pipeline Equipment

CLEANROOM AIR FLOW CONTROL



Accutrol AVC Fume Hood Control System

The award-winning Accutrol AVC Fume Hood Control System with Accutrol Insight graphical software provides an unprecedented evolution in fume hood control technology. It significantly simplifies the start-up, operation and modification for VAV fume hoods.

The Accutrol AVC Fume Hood Control System combines the award-winning design of the low pressure drop AccuValve® Airflow Control Valve with a "smart" fume hood display and a powerful and intuitive user interface. This innovative combination allows owners to easily set up and change the fume hood configuration without complicated manuals.



CLEANROOM AIR FLOW CONTROL



For Fast Speed of Response



AccuValve Model AV3000

- Fast Speed of Response (lab and critical Spaces)
- Supply, General Exhaust, Specialized Exhaust
- Universal I/O (for closed loop control through Accutrol controller or BAS controller)



AccuValve Model AVC5000 (AccuValve with ePI)

- Fast Speed of Response (lab and critical Spaces)
- Fume Hoods
- Supply, General Exhaust, Specialized Exhaust
- Constant Volume. Multi-position Constant Volume
- Stand-Alone Closed Loop Control (or set point control through Accutrol controller or BAS controller)
- Native BACnet® Communication

For Standard Speed Actuation



AccuValve Model H-AV3000

- Standard Speed (healthcare and life science support spaces)
- Supply, Return, General Exhaust, Specialized Exhaust
- Universal I/O (for closed loop control through Accutrol controller or BAS controller)



AccuValve Model H-AVC5000 (AccuValve with ePI)

- Standard Speed (healthcare and life science support spaces)
- Supply, Return, General Exhaust, Specialized Exhaust
- Constant Volume. Multi-position Constant Volume
- Stand-Alone Closed Loop Control (or set point control through Accutrol controller or BAS controller)
- Native BACnet® Communication

CLEANROOM AIR FLOW CONTROL

Accutrol provides a complete line of controllers to maintain precise airflow and temperature conditions. Applications include critical environments such as laboratories, healthcare and life science support spaces.



Laboratory Airflow Control

Laboratory Airflow Control

Laboratory airflow control and large space critical environment control through high-speed, native BACnet room controllers can be easily programmed to maintain precise airflow, temperature and humidity conditions.

Support Space Control

Support space control and smaller space airflow and temperature control through dedicated native BACnet room airflow and temperature controller.



Support Space Control



VorTek G3 Duct Airflow Measurement Probes



VorTek G3 Fan Inlet Airflow Measurement Probes

Digital Airflow Sensing
Modular Design
Intuitive User Interface
Stable - Drift Free
Resistant to Contamination
Not Affected by Humidity

Not Affected by Temperature
Not Affected by Altitude
Linear Over Entire Range
Low Power Requirements
Universal Voltage and Current Output
Native BACnet MS/TP Optional



IAQ-Tek Outdoor Air Volume Measurement System

Simple Installation
Operates over -40° to 120° F
Probes require minimal straight runs of duct
Setup Wizard
Resistant to Contamination

CLEANROOM AIR FLOW CONTROL

Room & Duct Temperature Sensor

Accutrol provides a complete line of controllers to maintain precise airflow and temperature conditions. Applications include critical environments such as laboratories, healthcare and life science support spaces.



Room Temperature Sensor RTS 100

The Accutrol RTS100 Series includes wall mounted Room Temperature Sensors and combination Room Temperature/Humidity Sensors. Options include temperature setpoint adjustment slider as well as manual override switch where required. The RTS100 Series Sensors are designed to be used with Accutrol AC7000 Series Controllers, Accutrol HTC100/RTC100 Room Temperature Controllers and BAS Controllers.



Duct Mounted Temperature Sensor DTS 100

The Accutrol DTS100 Duct Mounted Temperature Sensor is designed to be used with the AC7000 Series Controllers as well as the HTC100 and RTC100 Room Temperature Controllers. The DTS100 is a duct mounted series 10K Ohm, Type III thermistor designed for measurement of duct temperature in the discharge of a reheat coil or in the

Room Pressure Monitor



SRM

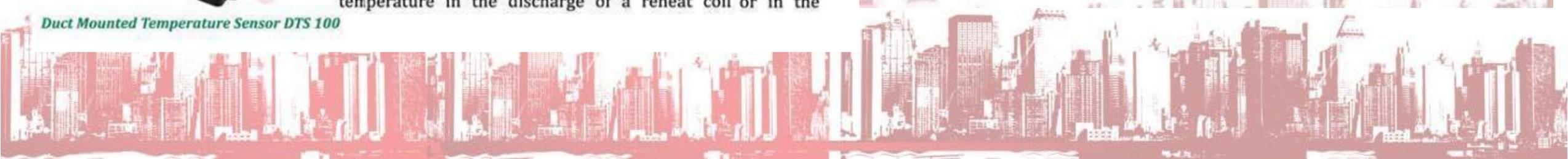
Applications for use of the Accutrol line of pressure monitors include healthcare, pharmaceutical manufacturing, cleanrooms, research laboratories and animal resource facilities



Healthcare Space Control

Healthcare Space Control

Healthcare space control or control of areas such as operating rooms, isolation rooms and patient rooms for precise room airflow and temperature control. The Accutrol HealthTrack Room Controller is specifically designed for these spaces and provides BACnet interface to the building automation system.



BUILDING MANAGEMENT/AUTOMATION SYSTEM

Distech Control's building management system provides a complete, integrated solution for HVAC, Lighting, Access Control, CCTV, and Energy Management, achieving over 30% energy and operational cost savings. Designed to meet the highest standards of green stewardship and durable performance, our open solutions provide not only a competitive advantage today, but sustainability tomorrow and beyond.

EC-Net^{AX}: Web-based Integrated Building Management System



Open-to-Wireless™:
Wireless, Battery-less Sensing,
Wireless Mesh Networks



BACnet® and LonWorks® HVAC
Controllers: Air Quality and Comfort



Energy Management and Metering



EC-Light: Lighting Control
for Indoor, Outdoor, and Signage



Multi-Site and Campus Solutions



EC-Net^{AX} Security: Access Control and CCTV



Other Building Systems and
Applications: Elevators, Networked
Equipment, etc.



□ □ □ **Efficient Building Automation System**

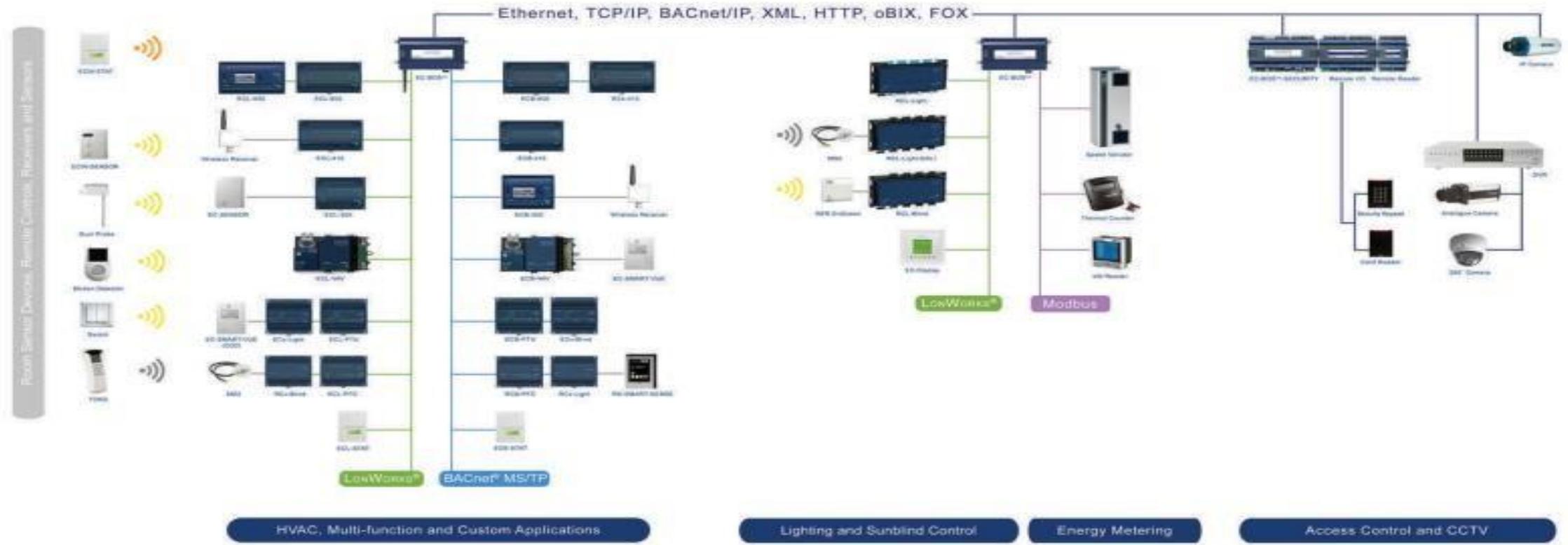
Reduce energy cost and manage your BAS

- Controlling & monitoring
- Scheduling
- Alarming
- Identify Consumption

Reduce operational costs

- Effective knowledge
- Predict failures
- Manage servicing
- Identify costs





ADVANCE AIR FILTRATION

Bioxigen® is employed at the beginning in sensitive environments, such as hospitals and social welfare structures where the risk of nosocomial infections is high.

The use of the technology has been extended to alimentary industry, highly controlled environment at microbiological level.



Ionization - Ionizzazione

The ionization phenomenon triggers reactions of oxidation-reduction on organic volatile compounds reducing the pollutants present in the environments in a calibrated and stable way and with measurable effects. On the micro-organisms ionization causes damages to the cell membrane preventing their vital functions.

Il fenomeno di ionizzazione innesca reazioni di ossidazione sui composti volatili organici riducendo gli inquinanti presenti negli ambienti, in modo calibrato, dimensionabile e con effetti misurabili. Sui microrganismi la ionizzazione provoca danni alla membrana cellulare impedendo le funzioni vitali degli stessi.



ADVANCE AIR FILTRATION

Tested against COVID-19

LabAnalysis de nted Bioxigen as "e ffective against all enveloped viruses (including the coronaviruses such as SARS-Cov-2)"

LabAnalysis di Pavia, ha de nito Bioxigen: "efficace contro tutti i virus con involucro (inclusi i coronavirus come SARS-Cov-2)"

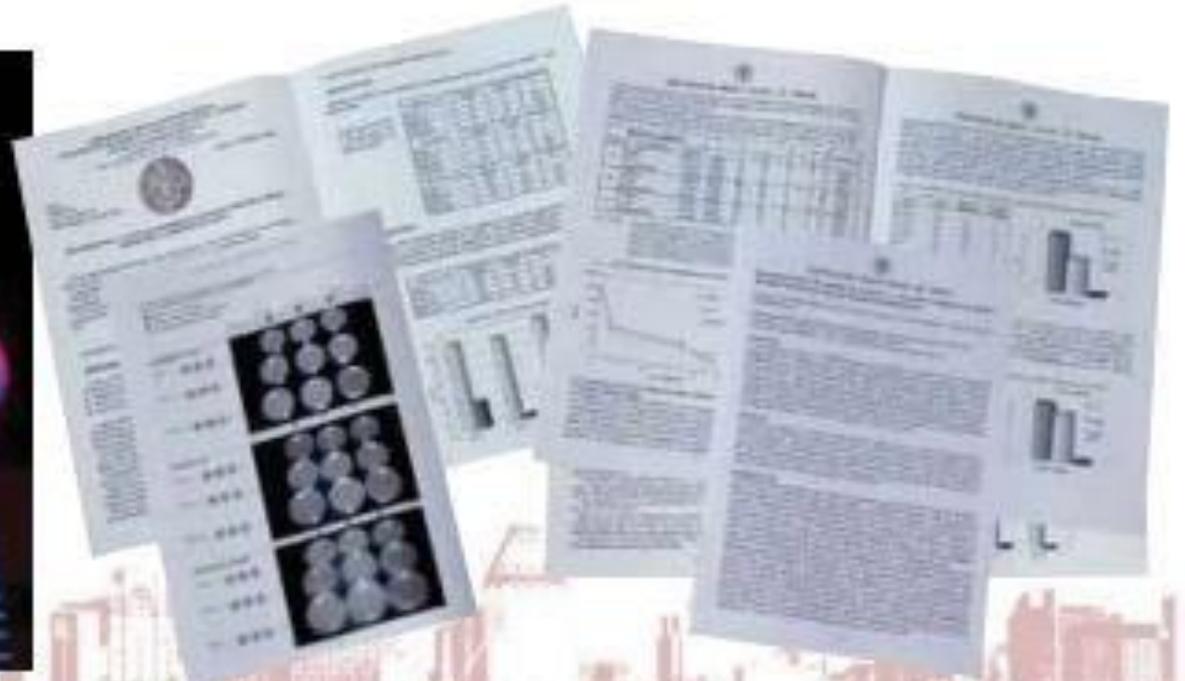
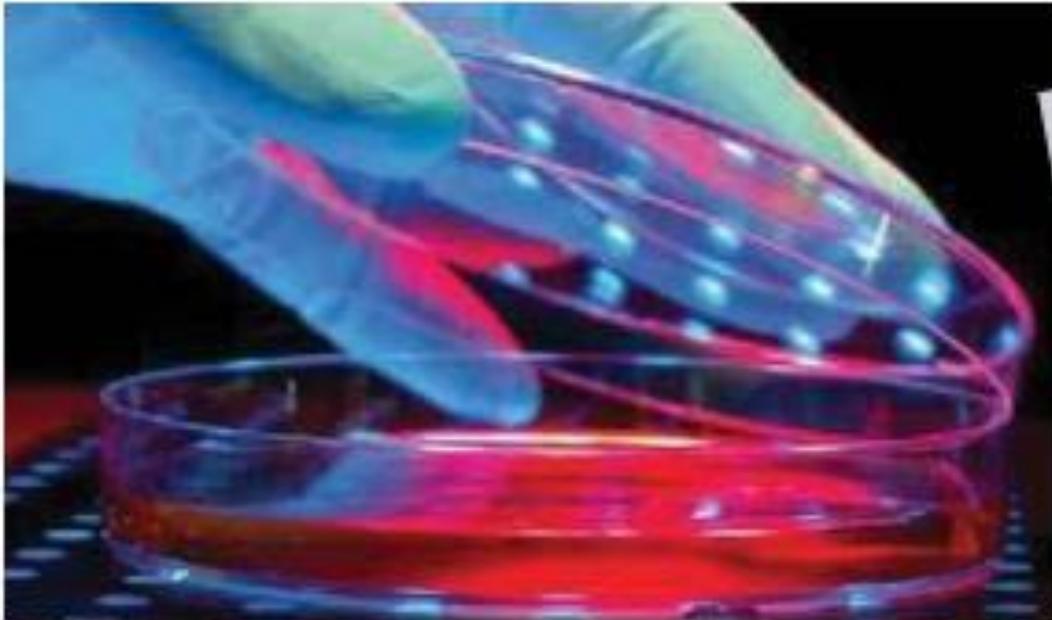


TÜV PROFI-CERT

TÜV PRODUCT

Effectiveness validation of the system.

Validazione di efficacia del sistema.





Efficient antibacterial effect

Tests have shown more than 95% of destruction of microbial load on different gram (+) and gram (-) bacterial strains.

Efficace effetto antibatterico

Test hanno dimostrato più del 95% di abbattimento della carica microbica su diversi ceppi batterici gram (+) e gram (-).



An healthier environment: inactivation of moulds

Thanks to the oxidizing power of Bioxigen[®], molds, spores, fungi and pollens are inactivated by improving the environmental comfort with the benefit for all the people who carry out their activities in indoor environments.

Un ambiente più sano: inattivazione di muffe

Grazie al potere ossidante di Bioxigen[®] muffe, spore, funghi e pollini vengono inattivati migliorando il comfort ambientale con benefici per tutte le persone che svolgono le loro attività in ambienti chiusi.



Removal of smells and of the harmful pollutants present in indoor environments

Oxygen molecules activated by Bioxigen[®] attack the unpleasant smells deriving from cooking, from waste, from smoke etc. by disgregating the odorous substances into simpler compounds. Also the harmful volatile pollutants (VOC normally present in indoor environments) produced from paints, furnishings, detergents, are attacked by the active oxygen molecules generated by Bioxigen[®].

Rimozione degli odori e degli inquinanti nocivi presenti in ambienti interni

Le molecole di ossigeno attivate da Bioxigen[®] aggrediscono gli sgradevoli odori da cottura, da rifiuti, da fumo ecc., disgregando le sostanze odorogene in composti più semplici. Anche gli inquinanti volatili nocivi (COV normalmente presenti negli ambienti chiusi) prodotti da vernici, suppellettili, detersivi, vengono aggrediti dalle molecole di ossigeno attivo generate da Bioxigen[®].



More well-being and health for people

Bioxigen[®] improves the air quality that we breathe limiting not only the diseases of viral and bacterial origin vehiculated by air, but also the causes of many allergies with remarkable benefits for the respiratory apparatus. Studies show also other good for health effects tied to a balanced ionic concentration:

- Improvement of sleep quality
- Improvement of mood status
- Decrease of headache

Più benessere e salute per le persone

Bioxigen[®] migliora la qualità dell'aria che respiriamo limitando non solo le malattie di origine virale e batterica veicolate dall'aria, ma anche le cause di molte allergie con notevoli benefici per l'apparato respiratorio. Studi dimostrano anche altri effetti benefici sulla salute legati ad una bilanciata concentrazione ionica:

- Miglioramento della qualità del sonno
- Miglioramento dello stato d'animo
- Riduzione del mal di testa.



ADVANCE AIR FILTRATION

Sector applications
Settori di applicazione

Home & Office



HOME	SHOPS	OFFICES
> Living Soggiorno	> Fashion shops Negozzi fashion	> Meeting rooms Sale riunioni
> Kitchen Cucina	> Showroom Showroom	> Smoking rooms Sale fumatori
> Bathroom Bagno	> Book stores Librerie	

Community



HEALTH CARE	WELLNESS	FREE TIME
> Hospitals Ospedali	> SPA Centri benessere	> Meeting places Luoghi di ritrovo
> Nursing home Case di cura	> Hairdressers Parrucchieri	> Cultural activities Attività culturali
> Dentistry & medical study Studi medici e dentistici		> Schools Scuole
		> Hotels Settore alberghiero

**Industry/
Food/
OEM**



FOOD	INDUSTRY	OEM
> Meat industry Industria delle carni	> Factory farm Azienda agricola	> Clean room Camere bianche
> Fruits and vegetables Ortofrutta	> Pharmacy factory Industria farmaceutica	> Cold equipment Celle e abbattitori di temperatura
> Dairy farming, cheese factory Casei di industrie, laboratori	> Plastic and chemical factory Industria chimica e plastica	> Cooking hood Cappe aspiranti
> Fish industry Industria ittica	> Waste treatment Trattamento e salazione rifiuti	> Fan coil Fan coil
> Fresh pasta production Produzione pasta fresca	> Restaurants and catering Ristorazione	> Custom products Prodotti su misura
> Ready meal packing Confezionamento alimenti pronti		

**Industry/
Food/
OEM**



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> Fresh pasta production Produzione pasta fresca	> Restaurants and catering Ristorazione	> Custom products Prodotti su misura
> Ready meal packing Confezionamento alimenti pronti		

Water treatment



FOOD	INDUSTRY	SWIMMING POOL
> Food processing water Acque di processo	> Fish industry Itticoltura	> Swimming pools & ponds Piscine e laghetti



JTR TESTING EQUIPMENTS

1.



ELECTRONIC BALANCING TOOLS WITH AIR FLOW PRO HOOD

Brand Alnor
Model EBT 721
Serial No. 90802016
Calibration J10400

2.



THERMO ANEMOMETER

Brand Alnor
Model AVM 440
Serial No. AVM 440802007
Calibration J10399

3.



INFRARED THERMOMETER

Brand Fluke
Model 561 HVAC Pro
Serial No. 0612875
Calibration -

4.



PARTICLE COUNTER

Brand Alnor
Model Lasair III 310c
Serial No. 66359
Calibration J8266

5.



PRESSURE GAUGE TEST EQUIPMENT

Brand DRUCK
Model DP 1705
Serial No. 70541130
Calibration 7369

6.



AGSS TEST EQUIPMENT

Brand MEC
Model BS 6834
Serial No. F 124399/14
Calibration -

7.



AIR SAMPLING SYSTEM

Brand SAS
Model EW-33687-02
Serial No. 09-L-06101
Calibration J10392

8.



LIGHT INTENSITY MEASURING INSTRUMENT

Brand TESTO
Model Testo 540
Serial No. 05541776
Calibration -

JTR TESTING EQUIPMENTS

9.



HCHO DETECTOR

Brand RIKEN KEIKI
Model FP-30
Serial No. 065020022RNT
Calibration -

10.



MINI INCUBATOR

Brand PBI BRAND
Model Anno 2008
Serial No. 61476
Calibration -

11.



PHOTOMETER

Brand ATI
Model TDA-2G/2H
Serial No. -
Calibration -

12.



THERMO SCIENTIFIC

Brand THERMO SCIENTIFIC
Model PDR-1500
Serial No. 1018243129
Calibration -

13.



GREYWOLF SENSOR

Brand GREYWOLF
Model AS-201 / TG 501
Serial No. -
Calibration -

14.



TACHOMETER

Brand KIMO
Model CT 100 0
Serial No. 05060620
Calibration J8593

15.



MINNEAPOLIS DOOR BLOWER

Brand ALNOR
Model AVM 440
Serial No. AVM 440802007
Calibration J10399

JTR CENTRAL WAREHOUSE



The warehouse is dedicated to store all fast moving items for all sites operation whether it is for facility maintenance sites and for project sites. The dual level 22' x 75' shoplot has been renovated with proper industrial standard racking system. There is also another 1 level for 'junk' warehouse storing all other parts for project cost control and fast delivery to sites.



JTR MACHINERY

LIGHT MACHINERIES



ITEM	UNIT
Generator Set	3
Vibratory Plate	1
Compactor	1
Water Pump Jet	1
Concrete Cutter	2
Air Compressor	1
Oxy Cutter	2
Concrete Mixer	1
Arc Welding	1
Barbender	1



HEAVY MACHINERIES



ITEM	UNIT
Skylift	2



JTR MACHINERY



Proton Wira WPA 1499
Proton Iswara BFK 6009



Van-Toyota Hiace WQT 3975



Lorry-Daihatsu Delta WNN 1148
WPE 9075
BKT 5201



Van-Nissan Vaneete WPF 7923
WJL 2426
WLQ 1152
SAA 3278B



Lorry-Mitsubishi WQB 8596



JTR FINANCIAL FACILITIES



CREDIT FACILITIES

FINANCIAL STATUS



AmBank Group

1. AMBANK GROUP

Address : C102 & C103, Jalan SS 6/2, Kelana Parkview, 47301 Petaling Jaya, Selangor

Overdraft (OD) : RM1,700,000.00

Multi Trade Finance Facilities (MTF) RM1,500,000.00

Letter of Credit (LC) (RM1,500,000.00)

Trust Receipt (TR) (RM1,500,000.00)

Banker Acceptance (BA) (RM1,500,000.00)

Bank Guarantee (BG) (RM1,500,000.00)



2. BAY SMART CAPITAL VENTURES

Address : Unit 13A01, Level 13A, Tropicana Gardens Office Tower,
CAPITAL VENTURES 2A, Persiaran Surian, Tropicana
Indah, 47810 Petaling Jaya, Selangor

Invoices Financing (Notified) Facility-Islam : RM3,000,000.00

Revolving Credit (RM350,000.00)

Term Financing - Islamic 1 : RM1,000,000.00

Term Financing Islamic 2 : RM1,000,000.00



OUR SPECIALIZATION

- *SUSTAINABLE FACILITY MANAGEMEMENT*
- *ENERGY MANAGEMENT ENERGY EFFICIENT SYSTEM*
- *CLEANROOM OPERATION THEATER, BIOSAFETY LAB, GMP LAB*
- *RENEWABLE ENERGY (SOLAR WIND BIOMASS)*

- *SUSTAINABLE CONSTRUCTION*
- *BUILDING IEQ, IAQ, HUMIDITY & MOLD CONTROL*
- *MEDICAL GAS PIPELINE SYSTEM*
- *HOT WATER & STEAM SYSTEM*
- *ENERGY EFFICIENT HVAC/ ACMV SYSTEM*



**ADVANCE AIR
FILTRATION**



**CLEANROOM AIR
FLOW CONTROL**



MEDICAL GAS



**ATA LAMINAR
AIRFLOW CEILING**

VOLTERRA

**BATTERY ENERGY
STORAGE SYSTEM**



EV CHARGING

KF KINGFIT

**OIL FREE
CHILLER**

**NO. 11, JALAN KOTA RAJA H/27H, HICOM TOWN CENTRE SEKSYEN
27, 40400 SHAH ALAM, SELANGOR DARUL EHSAN.
TEL : +603-5191 4505 FAX : +603-5191 4508
www.jtr.my / enquiry@jtr.my**