

Company Overview

Starting a new company is always a challenge. However, nothing builds a services company better than understanding clients' needs and requirements, and fulfilling them right on time, on target with value-for-money quality product that goes above and beyond expectation. Such is not a myth but a reality for JAD Solutions Pte Ltd: a Mechanical and Electrical Engineering company that focuses on the healthcare profession, bio-medical industry and petrochemical research facilities from providing consultancy, integration of components, installation, testing, commissioning and the final accreditation process.

Started by Mr Damiiian Lee in 2007 and initially established as a one-man operation located at Cecil Street, it started as a dealer for BONPET automatic fire-extinguishers. Year 2009 saw its metamorphosis as it is now: an enterprise that specialises in multi-discipline environmental control solutions that include products and vast range of services such as installation and construction in laboratory, hospital isolation & protection ward design & construction, turnkey projects for chemical, biological and vivarium laboratory up to bio-safety level 3, testing and commissioning of laboratory facilities, laboratory ACMV & controls maintenance, amongst others. Beginning in a mere 300 square feet premise, the young company has since outgrown its previous compound and moved its business to a new location, currently housing both the expanded operations and increased manpower of over 60 staff.

What sets JAD Solutions apart from the others in the industry, and thus convincing potential clients with an impeccable impression, is their quality after-sales service and on schedule delivery. Their ability to craft unique loyalty programmes, thus catering to their specific customers' profiles, which includes maintenance and updating services that use the latest technology and processes with continuous research and development programmes puts them on par with industrial players in the international arena. This in turn builds customers' faith and trust in the company, allowing them to provide professional and expert advice to their clients, creating a positive circle.

In its quest to be the leader as an agent in the critical environment installation industry of international standards, harnessing innovative ideas in products and designs, JAD Solutions sees itself focusing on expanding their establishment by building a firm foundation for the business framework and then growing their products and services in the near future. However, through Damiiian's commitment and dedication, the company is set to be the trailblazer with its innovative products and cutting edge designs.



Laboratory System, Performance and Safety Evaluation
Laboratory Design, Installation and Construction
Mechanical and Electrical Installation
Exhaust System and Ductwork Installation
Hospital Isolation and Protection Ward Design and Construction
Fume Hood, Canopy Hood, Bio-Safety Cabinet, Snorkel Supply and Installation





Laboratory System Control
ACMV System Airflow Balancing and Energy Evaluation
Laboratory ACMV and Laboratory Control Maintenance
Fume Hood, Extractor Arm, Canopy Hood, Laminar Hood and
Bio-Safety Cabinet Maintenance and Certification
Testing and Commissioning of Laboratory





YOUR PREFERRED DISINFECTING PROFESSIONALS



- ✓ Over 10 years in high containment engineering
- ✓ Chemical / Biological / Vivarium Labs, Operating Theatres, Isolation Wards
- ✓ Experience in handling Bio Safety Level 3 (BSL 3) - type work
- ✓ Lab-grade Protocols & Materials
- ✓ UV Light Treatment / Autonomous UVL Robot Treatment
- ✓ Offices, Schools, Factories, Homes, Etc.



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Some of our project references are as follow:

- i) NTU LKCSOM Lab Specialist Consultancy to Great Earth @ EMB & CSB Site
- ii) NTU CDPT Phase II A&A Work @ SPMS Carpark L1
- iii) ASTAR Exploit Lab ACMV Evaluation @ Biopolis Chromos L3
- iv) Panasonic BSL2 Lab Conversion @ 3 Bedok South
- v) Clearbridge Biomedics Lab A&A @ 81 Science Park Drive Chadwick L2
- vi) Kyowa Hakko Kirin Lab A&A @ Biopolis Helios L5
- vii) ProChem Solutions Aircon Work @ 89C Science Park Drive Rutherford L4
- viii) DNV H2S and MT Lab Design & Build @ 158A Gul Circle
- ix) Bruker Lab A&A Work @ Biopolis Helios L8
- x) NTU LKCSOM Phase II A&A Work @ RTP X-frontier Level 4
- xi) NTU LKCSOM Phase 1 A&A Work @ RTP X-frontier Level 4
- xii) CHEVRON Laboratory Airflow Control System @ Jurong Island
- xiii) NTU SCELSE Phase 5 A&A Work @ SBS B2
- xiv) NTU SCELSE Phase 4 A&A Work @ SBS B2
- xv) NTU CryoEM Lab A&A Work @ SBS L2
- xvi) NTU EOS Non Metallic Class 100 Clean Room Chemistry Lab @ N2B3c
- xvii) NTU EnRI Silane Gas Class 100 Clean Room @ N1B4a
- xviii) NTU MSE Lab A&A Work @ N3.1B1 and N4.1B1
- xix) NTU MCVD A&A Work @ S1 B4, 5 & 6
- xx) NTU MSE Lab A&A Work @ N4B4 & Near Hall 7
- xxi) Pfizer Laboratory & Pharmacy A&A Work @ Raffles Hospital L10
- xxii) Pfizer Clinical Research Unit Mechanical System Evaluation @ Raffles Hospital L10
- xxiii) Pfizer Clinical Research Unit Mechanical System Air Balancing @ Raffles Hospital L10
- xxiv) ICES Laboratory Evaluation @ Jurong Island
- xxv) Novartis Institute for Tropical Disease ABSL2 Conversion Work @ Biopolis Chromos L7 Room 722
- xxvi) Novartis Institute for Tropical Disease BSL3 Animal Room Conversion Work @ Biopolis Chromos L8 BSL3 Lab
- xxvii) Novartis Institute for Tropical Disease Exhaust System Upgrade @ Biopolis Chromos L5
- xxviii) Novartis Institute for Tropical Disease Gas Detection System Work @ Biopolis Chromos L5
- xxix) Novartis Institute for Tropical Disease Fume Hood Maintenance & Certification (Mott) @ Biopolis Chromos L6 & 7:
- xxx) Novartis Institute for Tropical Disease Water Leak Detection C/w SMS Alert System @ Biopolis Chromos L5
- xxxi) Waseda Clean Room Design & Build @ Biopolis Helios L5
- xxxii) Waseda ACMV Maintenance @ Biopolis Helios L5
- xxxiii) GSK Server Room Aircon Installation Work @ Biopolis Helios L3
- xxxiv) GSK ACMV Maintenance @ Biopolis Helios L3 & L6

- xxxv) GSK AHU & EAF Repair Work @ Biopolis Helios L3, L6 & Roof Top
- xxxvi) Takeda ACMV Maintenance @ Biopolis Chromos L3
- xxxvii) Takeda AHU Repair Work @ Biopolis Chromos L3
- xxxviii) SGH Isolation Ward Design & Build @ SGH Ward 43 Burn Patient
- xxxix) SGH Neonatal Isolation Ward Design & Build @ SGH Ward 54
- xl) NUH Bone Marrow Transplant Positive Room Design & Build @ NUH Ward 86
- xli) NUH Positive Room Design & Build @ NUH Ward 58
- xlii) CGH Isolation Ward Airflow Control System @ CGH
- xliii) SingHealth ABSL2 ACMV Work @ Sembawang
- xliv) Temasek PolyTechnic Chemical Lab Turnkey @ BERC
- xlvi) NIPSEA (Nippon) Technologies Water Borne, Application Coating II & Polymer Lab Upgrade @ 16 Joo Koon Crescent
- xlvi) NIPSEA (Nippon) Technologies Coating I & Process Application Lab Upgrade @ 16 Joo Koon Crescent
- xlvi) NIPSEA (Nippon) Technologies Analytical Lab Equipment A&A Work @ 16 Joo Koon Crescent
- xlvi) NUS BSL2 Improvement Work @ NUS WS2 L3
- xlvi) Duke NUS Vivarium Specialist Consultancy Work to China Con @ SGH
- l) NTU R3C Supply & Installation Work for Snorkel, Customised Trolley & Racking System @ RTP X-frontier L5
- li) Sinda A&A Work @ Jurong Point
- lii) Taiwan Yi Shou Hospital Supply of airflow Control System @ Medical Building (5 Storey of Mortuary, Vivarium & Operating Theatre)
- liii) Taiwan Sun Yat Sen Supply of airflow Control System @ Cancer Centre
- liv) Taiwan Chang Geng Hospital Supply of airflow Control System @ Gui Shan
- lv) NTU Laboratory Testing (Representative of NTU as Specialist Clerk of Work) @ SPMS Building
- lvi) SCDF Airflow Building ACMV Evaluation & Airflow balancing @ Ubi

JAD have trained specialists to provide critical airflow solutions meeting international laboratories and medical facilities safety standards. Our specialists are trained in the United States by Eagleson Institutes for BSL3 facilities, ALAAS (for Vivarium), NEBB for Fume Hood Testing, NSF for Biosafety Cabinet Services, Laboratory System Service, Repair and Maintenance, JAD Smart Venturi Service, and other related HVAC certifications. We also provide value added services like Laboratory Certification to BSL3, ALAAS accreditations and maintenance of the airflow controls in critical environment.

