



sustaining
global standards in **HVAC**
technologies



RELIABILITY • INNOVATION • SUSTAINABILITY • ETHICS



Who we are

“ACES” is a market leader and one of the fastest-growing EPC company having PAN India & overseas presence, offering Turnkey Cleanroom & MEP solutions. The company is promoted by a competent team of professionals for facility solutions in Pharmaceutical & Biotech, Solar Cell, Electronics & Semiconductor, Li-Ion Battery Manufacturing, Food & Beverage, FMCG, Automobile & Tyre, Warehouse and similar industries.

Our in-depth engineering & integration capabilities with application-specific approach & astute PMC skills have helped us accomplish illustrious projects of world-renowned companies.

We undertake turnkey facility projects, deliver immaculate solutions from feasibility study, conceptualization to completion and beyond, ensuring critical parameters viz. zero cross-contamination, stringent temperature & relative humidity conditions, pressure differentials, enhanced IAQ, Fume Handling etc. We deliver a happy medium of form and function to our clients.



Why we are the market leader in industrial segment

Strength of ACES lies in the ability and knowledge to translate user needs and deliver a well-integrated seamless engineering installation for different industries. Avant Garde's continuous endeavor is to bring innovative and efficient technologies and products to India, through its global partners.

Our team has a wide experience of working with a variety of Pharmaceutical applications for end-to-end facility solutions viz. Sterile & Injectables, Oncology & High Potent, Oral Solid & Liquid Dosage, Hard-Shell & Soft Gel Capsules, Hormone, Life Care Products, Parenteral- LVP & SVP, Ointments, API, Animal Houses, Bio Containment Facilities and R&D Labs.

We are well versed with the intricacies of other industrial applications like Nutraceuticals, Solar Cell, Electronics & Semiconductor, Food & Beverages, FMCG, Automobile & Ancillaries, controlled condition Warehouses, Hospitals – OT, ICU, ICCU and Paint Shops, etc.

Best practices in project management, prompt response and flexibility in operations ensure that critical timelines of mission-critical projects are met with finesse to deliver a world-class quality installation.



Proficiency in Clean Room Application

- Clean Room Design • Air Management
- Temperature / Humidity Control • Pressure Level Monitoring
- Contamination Control • Validation Protocols • Life Cycle Support



What we offer

ACES offers comprehensive solutions for Cleanroom, HVAC & MEP services with latest tools and state-of-the-art equipment as per global standards and requirements of the industry.

At ACES, all services are well-engineered and integrated with a critical analysis of CAPEX /OPEX of all equipment, for best spatial management. Starting from concept development, detailed design engineering, supply, installation, commissioning, validation & life cycle support, the company ensures 'best economic value proposition' for the end-users.

With a keen eye on carbon neutralization, ACES recommends and installs highly sustainable energy-efficient products



along with customized equipment selection and plant design to improve the plant output and efficiency.

ACES undertakes Design, Engineering, Detailed drawings, Supply, Installation, Testing, Commissioning, Validation Services, and Life Cycle Support of various systems like:

- HVAC (Heating Ventilation & Air Conditioning) with special applications like Low temperature and humidity, ISO class 4-8 with pressure differentials as per cGMP/ cGLP.
- Electrical System – HT/LT Side with Power Distribution & Lighting
- Building Management / Environment Monitoring System, DDC/PLC, Controls - as per latest trends of the industry and in compliance with USFDA Standard 21 CFR Part 11.
- Low Voltage Systems – PAS, Security & Access Control, CCTV & Networking
- Modular Partitions with Metallic/ Non-Metallic finishes.
- Piping – Utility, Mechanical, Steam, Gas and specialized Process Piping
- Special Exhaust Systems like L.E.V. (Localized Exhaust Ventilation), etc.
- Fire Alarm & Protection System
- ASRS / Tall Warehouse Ventilation.
- Validation & Control
- Sustainability Solutions–Operation & Preventive Maintenance, Energy Audits, etc.

Validation Services

ACES has well-documented systems & SOPs for various stages of the projects - Design, Engineering, Installation, FQPs, etc. to take care of stringent documentation needs. ACES also undertakes Design Qualification (DQ), Installation Qualification (IQ), Operation Qualification (OQ), and Performance Qualification (PQ), systematically & logically. Dedicated in-house & well-equipped teams take care of validation services as per ISO 14644 or other relevant standards to meet the regulatory needs of USFDA, MHRA, PICS, TGA, MCC, NEEB or as required.



Comprehensive Service Solutions: Lower life cycle cost by excellence in Operations, Maintenance and Retrofit

Experience peak HVAC system efficiency with our meticulous operation and maintenance expertise. Our seasoned team delivers top-tier support, annual maintenance, and a full range of HVAC-related services. Additionally, we provide sustainability solutions, energy improvements, and retrofit services to curtail your carbon footprint.

Our remote assistance for plants equipped with our advanced BMS system offers advanced alerts and operational adaptability. Join us for comprehensive HVAC solutions, efficient operations, robust maintenance and a greener future.



Elevating Success Together : A Showcase of Our Valued Clients



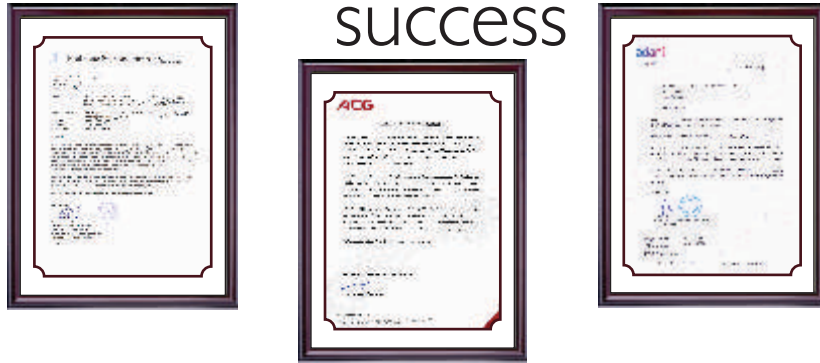
ACES boasts of a remarkably professional & seasoned team who bring with them demonstrated hands-on experience in setting up world-class facilities.

Some of the major projects completed by team ACES include world-class companies like ACG, Granules, Pfizer, Cipla, Zydus Cadila, Stelis, Sun Pharma, Mylan, Troikka, Indian Immunologicals, Dr. Reddy's, HBL, B Braun, Sanofi Aventis, International Flavour & Fragrances, Canpack, Unichem, Microlab, Harman Finochem, Ferring Laboratories, USV, PAR, Intas, Biological E, Glenmark, Wockhardt, Plasmagen, Hamdard,

Pepsico, Coke, Haldiram, Mc Cain Foods, Cadbury (Mondelez International), Ford, Woco, MRF, Ralson Tyres, Yokohama, Waaree Energies, Renew Power, Adani Solar, Indosol Solar, Salcomp, Micron and many more.

Some of our overseas clients are Healthcare Pharmaceuticals, GSK, Unid Pharma, Sun Pharma, ACI (Bangladesh), M S Pharma (Saudi Arabia & Jordan), Elixir, Batterjee Pharma (Saudi Arabia), Cosmos Pharma (Kenya), Neopharma (Dubai), Colgate Palmolive & Zydus Cadila (Myanmar) and Arrow Pharma, DJPL, QBD, Everest in Nepal, ACG Capsules (Thailand).

credentials of
continuous
pursuance towards
success



OUR ESTEEMED CUSTOMERS



Channel Partner

SIEMENS
Ingenuity for life



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