



• PROTECTION • ENERGY SAVING • STRENGTHENING • REPAIR

Integrated Asset Management Services

Data Center, Chemical/Petrochemical & Heavy Engineering Industry

1. Safety and Security :

- **Fire Resistance:** Intumescent/Vermiculite fireproofing properties can slow down the spread of fire and give more time for evacuation and equipment protection with 30, 60, 90, 120 minutes fire Rating, Pull/Jet fire Withstanding temperature from 550 to 1200 degrees
- **Electrostatic Discharge (ESD) Control:** Specialized coatings can prevent discharge that could damage equipment.
- **Security Markings:** Light-reflecting paints can improve camera visibility for enhanced security, while anti-graffiti coatings can deter vandalism.



2. Energy Conservation Coating:

- **Temperature Regulation:** Nano Insulation Coating (NIC) has wide working temperature from (-60 to +1200 °C) . Saves Energy from 30% to 70%. Has the ability to prevent the main environmental cause of corrosion and service life up to 15 years. Can be applied without stopping the production to walls, pipelines, steam pipe, Tanks Chimneys, industrial equipment & ventilation system, have a good chemical resistance of mild alkalis, dilute acids and salt solutions.



3. Metal New/Repair & Maintenance:

- Blasting Painting for Structure, Pipeline & equipment. ▪ Strong chemicals resistance coatings for ETP/STP, Brine, Bromine & CaCl₂
- Vinyl Ester Glass Flake Lining ▪ Ceramic Coatings ▪ ISO Tank internal coatings ▪ Pump, Valve, Heat exchanger, tube sheet repair & rebuilding with polymer composite. ▪ Zinc phosphating.



4. Specialty Services for New/Repair & Maintenance of Concrete:

- Structural Repair and Strengthening for Beam, Column, Staircase & Floor with carbon Glass fiber. ▪ Instant Floor/ Road repair (Concrete /Asphalt). ▪ Polyurethane coating ▪ Industrial water proofing for tanks ▪ Guniting application ▪ Expansion joint repair.



5. Thermal Coating / Metalizing Applications for Critical Components

- **Wear & Abrasion Resistant Coating:** Aluminum, polyester, aluminum & graphite Thermal coating for Winders, Roll surfaces, Plates, Valves, Pumps, Agitators, Mixers etc.
- **Chemical Resistant Coating:** Sacrificial metal alloy or inert ceramic coatings for valve bodies, pump housings, generator mufflers, exhaust pipes and other components.
- **Corrosion & Erosion Resistant Thermal Coating:** Cathodic protection, Barrier protection coatings layers with aluminum-zinc alloy, Inconel & Monal thermal spray for Shafts, Drive collars, Labyrinth seals, Turbine wheels, Compressor wheels, Expander shrouds, Expander wheels, Impellers & Expander impellers etc.



6. Floor Coatings :

- **Epoxy/PU/ESD, Chemical-resistant Flooring:** easy to clean. Acid resistant, Corrosion, Abrasion & Erosion Resistant Available in various finishes, including ESD-safe options. Softer and more flexible. Ideal for areas with heavy foot traffic and rolling equipment.
- **Vinyl Coating:** Economical option, good for light to moderate traffic areas.
- **Concrete Sealers:** Enhance the durability and dust control of existing concrete floors.
- **Dust Control:** Smooth, non-porous surfaces are easier to clean and prevent dust build-up, ensuring the longevity of sensitive equipment.



7. Stack / Chimney, Wall & Ceiling Painting :

- **PVDF Coating:** Extreme long life, Specially design for stack / Chimney with our exclusive excess platform for safety and quality work with warranty.
- **Epoxy:** Highly durable and resistant to chemicals, fire, and moisture. Ideal for server rooms and other critical areas.
- **Latex / Acrylic:** Affordable and easy to apply, Choose low-VOC (volatile organic compound) for better indoor air quality with good stain resistance. Good chemical fume resistant, durability, coverage, shine, opacity & finish for outdoor.



8. Additional Considerations for Asset Management Services :

- **Better ROI:** Durability, Long life performance without shutdown.
- **Maintenance requirements:** Choose coatings and paints that are chemical, corrosion resistant easy to clean and maintain to keep asset looking its best.
- **Colour scheme:** Light, bright colours can improve mood and visibility, while darker colours can hide dirt and stains.



Our Clients



Our Partners



Our Associates



Registered Office

1, Goswami Niwas, Opp. IIT Main Gate, Saigal Wadi, Powai, Mumbai 400076 Bharat.
 ashok.jadhav@excellentinfra.com / ashokj2000@gmail.com
 www.excellentinfra.com

+91 9224 185 764 / +91 9737 311 555

Corporate Office

7, Nirav Park, Near ICICI Bank, Sevashram Road, Bharuch, Gujarat 392001 Bharat.

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