



## TEAM Total Services Overview

**Comprehensive, client-ready list of self-performed and program-managed services across North America.**

### Automotive Paint System Management And Defect Analysis

- Total Booth Management (pretreat, booths, ovens). Airflow and pressure balance; humidity and temperature within band; contamination control.
- Filtration programs. Supply and booth media, ceiling and exhaust filters; airflow measurement and booth balance; grating and sump maintenance.
- Sludge and detack. Chemistry dosing and mixing, skimming and removal; compliant waste handling and manifests.
- Paint kitchens and mix rooms. Bulk storage, color-change manifolds, purge pots; solvent and VOC control; lined secondary containment.
- Robotics and atomizers. Bell cups, air caps, applicator covers, hose sets; HV cascade checks; grounding and ESD verification; robot cleaning and lubrication.
- Deep cleaning and shutdown support. Progressive cleans, holiday deep-cleans, and vac and tack sequences for booths, ovens and staging areas.
- Quality and process controls. Defect library and classification, Clean Car cadence, SPC (Statistical Process Control), PDCA countermeasures, oven-cure verification.
- On-floor Paint Quality Response (PQR). Inspection, containment if required, root-cause isolation, trials and standard work updates.
- Common defect types addressed. Dirt nibs, fisheyes, sags and runs, pinholes and pops, craters, orange peel, sealer bleed, silicone contamination; diagnostics for mystery contamination (for example siloxanes, fibers, oil mists, plasticizers) and manufacturing breakdowns (for example oven blowouts, air-knife malfunctions, applicator failures).

### Industrial Cleaning And Maintenance Services

- Janitorial and plant programs (C/B/A tiers) with 5S methods; administrative and mail services.
- High-vac services (wet/dry) for pits and trenches; catch-basins, rain vaults and stormceptors.
- Tank, vessel, boiler and heat-exchanger cleaning; process equipment and water systems.
- Water jetting 3k, 10k, 20k, 40k PSI; cold cutting; CO2 and dry-ice blasting; vapor/media blasting.

- Confined-space entry with rescue standby; exhaust stack and fan cleaning; pigging and line moling.
- Exterior building washing and post-construction cleaning.
- Hands-free technologies. Autonomous mobile robot (AMR) floor scrubbers and fixed automation where appropriate; remote tools and wands for reach and safety.

## Integrated Facility Management Services

- CMMS planning and scheduling; work order governance; MRO and stores; facility purchasing (services, consumables, parts, equipment).
- HVAC and HVAC-R PM and filter programs; BAS and controls integration; steam systems and valve inspections; tank-farm maintenance.
- Electrical and power. High-voltage support; UPS, ATS and generator PM; transfer switches and power inverters; relamping and parking-lot lighting.
- Life safety and fire systems. Fire protection, alarm and pump inspections; emergency lighting and drills.
- Material handling and access. Elevators and escalators; dock doors and levelers; cranes and hoists inspections; roof anchors and lift-device certification.
- Security and access control. CCTV, cameras, gates and turnstiles; badging support. TOTAL SERVICES OVERVIEW Because experience matters • Safety is our core value team-group.com
- Grounds, landscaping and winter services; roadways and parking; fence repairs; roofing repairs and roof-leak response; carpentry work.
- Railroad track and crossing inspection and maintenance; pest control and wildlife capture; scale certification and instrument calibration; gas inspections.
- Fleet and mobile equipment service; lift-truck and charger maintenance; dolly and cart repair; general repairs.
- Window-washing and floor care; safety contract management and contractor oversight; bottled water and filtered drinking-water programs; facility planning and moves.

## Electric Vehicle And Battery Facility Services

- ISO 14644 lifecycle. Construction clean to commissioning filtration run-in to final A-clean.
- Dry-room support to dew-point or ppm targets; particle counting and certification support.
- ESD-safe technical cleaning across anode, cathode, coating and calendaring, slitting, cell assembly, formation and aging; enclosures and exhaust housings.
- BAS integration, alarms and logs; progressive deep-clean schedules for 24x7 production.
- Hands-free assist where suitable. AMR scrubbers for non-classified logistics areas; semi-automated tools in classified zones with approvals.
- Secondary market support for module and pack suppliers.

## Process Engineering And Technical Support Services

- Process and quality engineering; SOP and standard work; centerline management and environmental controls tuning.
- Utilities readiness (compressed air, DI/RO) and oven-cure verification; start-up readiness playbooks.
- Defect reduction programs; data collection and dashboards; technical cleaning support.

## Projects Division Industrial And Field Services

- -- Vacuum trucks (wet, dry, stainless); hydrovac daylighting; sewer and storm jetting with CCTV.
- Outages and turnarounds; shutdown cleaning; confined-space rescue and attendant services.
- Professional decommissioning and plant moves; small works and carpentry; sheet-metal fabrication.
- Industrial painting and coating removal; blasting and decontamination.

## Aerospace And Defense Facility Services

- Regulated-environment cleaning (cells, composites, coatings).
- FOD and tool control; chain-of-custody procedures; LOTO/CSE permitting and documentation.
- High-bay HEPA and high-structure detail; hangar support.

## Fulfillment Center And Data Center Services

- Warehouse cleaning programs (C/B/A tiers) and logistics support; dock and leveler PM; material handling assist.
- White-space and ESD-safe data hall cleaning; under-floor plenum; CRAC/CRAH coil detail; turnover cleans

## Specialized Industrial Services

- Cleanroom micro-cleaning and validation (ATP and particles).
- Ultrasonic and micro-media cleaning; high-structure HEPA detail.
- Automated and remote-clean tools for difficult or hazardous access.

## Environmental And Emergency Response Services (24x7)

- Spill containment and vacuum recovery; pump-outs and transfers; bypass and over-pumping.
- Hazardous and universal waste packaging and disposal coordination; compliant manifests and closeout.
- Sewer and storm jetting with CCTV; infectious-disease decontamination; flood and debris clean-up.

## Waste Management Support And Recycling Services

- Segregation programs and labeling; ESG and ISO reporting support.
- Compactors and balers staging; e-waste and universal waste packaging; hauler and disposal management on-site

## Key Terms And Acronyms Used

- FTQ: First-Time Quality (First-Pass Yield).
- SPC: Statistical Process Control (data-based process monitoring).
- PDCA: Plan-Do-Check-Act (continuous improvement).
- BAS: Building Automation System.
- DP: Differential Pressure; RH: Relative Humidity.
- ESD: Electrostatic Discharge control.
- UF: Ultrafiltration; DI/RO: Deionized/Reverse Osmosis water.
- VOC: Volatile Organic Compound.
- PQR: Paint Quality Response (on-floor defect response).
- AMR: Autonomous Mobile Robot (hands-free floor scrubber/transport).
- GMP: Good Manufacturing Practice (sector-specific; used where applicable).
- ATS: Automatic Transfer Switch.

Industries Served: Automotive OEM And Tier 1/2; Fortune 500 Industrials Across Food And Beverage, Chemical, Power Generation, Mining, Steel And Aluminum, Cement And Asphalt, Pulp And Paper, Ink, Fulfillment And Data Centers, Aerospace And Defense, EV And Battery.