



Services to the Communication Industry

Disaster Prevention

- Physical Risk Assessments of Facilities
- Environmental Assessments and Base-Lining of Facilities
- Business Contingency Planning
- Emergency Response Exercise Participation, Planning & Evaluating
- Indoor Air Quality Analysis and Air Filtration Recommendations
- Construction & Renovation Contamination Prevention– Plan Review & Monitoring
- Material Usage Reviews for Contamination Prevention
- Review of Environmental Strategy Impact on Network Equipment Reliability

Damage & Contamination Assessment

We utilize state-of-the-art chemical sampling and engineering techniques to determine the potential damage caused by events ranging from the normal long-term accumulation of particulate contaminants on a digital switch, to metallic particle contamination from installation, to a major equipment office fire. We provide:

- Rapid qualitative and semi-quantitative chemical assessment of contaminants and their impact on short- and long-term equipment reliability for fire, smoke, water, renovation dust, and indoor air quality (e.g., particulate or gaseous) events
- Full quantitative sampling and chemical assessment of contaminants for loss documentation and repair versus replacement decisions
- Establishment of restoration and decontamination procedures
- Damaged equipment inventories and photo-documentation
- Detailed technical damage assessment reports, including “lessons learned”
- Post-event meetings with key players to prevent recurrence

Disaster Management

We provide immediate technical support and dispatch of specialists for on-site disaster management support for events such as: fire, smoke, roof leaks, flooding, environmental excursions, mechanical damage, corrosion, chemical exposures, installation contamination, renovation dust, battery electrolyte leakage, VRLA battery thermal runaway, equipment failure events, and long-term environmental contaminant events (e.g., hygroscopic dust), etc. We provide:

- Emergency response
- Damage assessment
- Loss mitigation strategies during impending disaster (e.g., hurricanes, wildfires, etc.)
- Establishment of restoration procedures and project management support
- Establishing guidelines and vendor selection guidance for emergency environmental controls including dehumidification and cooling
- Contamination containment methodology development and oversight