



CBRNE Consulting Services

Chemical, Biological, Radiological, Nuclear + High-Yield Explosive Safety + Compliance

Across the CBRNE ecosystem, organizations face a distinct set of technical, safety, and compliance challenges. Jensen Hughes provides targeted, high-impact support.

CBRNE Service

Concerns

How We Can Help



**CBRNE/HAZMAT PPE
+ Equipment**

- + PPE Failure
- + Wearability/Fatigue
- + Certification or Lifecycle Gaps

- + Human Factors Review
- + Failure/Reliability Analysis
- + Decon + NFPA/OSHA Support



**Engineering, R+D,
+ Applied Science**

- + Scale-up Hazards
- + Late Safety Input
- + PSM/Energetics Documentation

- + PHA/HAZOP Leadership
- + Consequence Modeling
- + Safety Cases/Lab-to-Field Support



**Government Consulting
+ Systems Integration**

- + System Risk
- + Schedule-driven Safety Gaps
- + FAR/DFARS Audit Exposure

- + Independent Safety Engineering
- + Mission Assurance
- + Audit-ready Risk Documentation



**Testing, Analytics,
+ Labs**

- + Lab-to-Field Gaps
- + Material Handling Risk
- + Data Traceability/Defensibility

- + Process Safety Support
- + Chain-of-Custody Frameworks
- + Independent Verification/Validation



**Homeland Security
Training**

- + Unrealistic Scenarios
- + Weak Agency Coordination
- + DHS/FEMA Evaluation Gaps

- + Hazard-based Scenarios
- + Safe Training Facility Design
- + Post-action + Multi-agency Planning



**Medical, Bio,
+ Pharma**

- + Biohazard Containment
- + Cross-contamination Risk
- + FDA/BSL/DOT/IATA Compliance

- + Biosafety Design
- + Biohazard Protocols
- + Deployment Risk/Reg. Alignment



**Materials, Filtration,
+ Chemical**

- + Material Degradation
- + Reaction Hazards
- + EPA/SDS/Disposal Compliance

- + Reaction Hazard/Failure Analysis
- + Field Validation Support
- + Storage/Transport/Env. Compliance



**Niche / Small Business
Advisory**

- + Limited Safety Resources
- + Hidden Risk Exposure
- + Audit Readiness

- + Scalable Safety Frameworks
- + Rapid Risk Assessments
- + Compliance + Teaming Support



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