

# James Charles, PE

## AREA OF EXPERTISE

Mr. Charles has over 28 years' experience in the areas of environmental and safety management. His experience includes ISO 14001/OHSAS 18001 auditing, EHS training, OSHA compliance and consulting, EHS regulatory compliance audits, emergency preparedness planning (SPCC, PIPP, SWPPP, ICP), EHS permitting and reporting (RCRA, CAA, CWA), safety program development, due diligence assessments, and large-scale site remediation.

He has conducted environmental compliance audits and management system audits for the following types of facilities – automotive assembly and parts, food manufacturing, aerospace, plastics, foundries, stamping, aluminum extrusion, electronics, forest products, pharmaceutical, chemical, landfills and oil refining. He understands the processes, best management practices, and regulations at these facilities.

## EDUCATION AND TRAINING

BS Geological Engineering, Michigan Technological University  
ISO 14001 Lead Auditor Training, 1999  
OHSAS 18001 Auditor Training, 2009  
ISO 45001 Overview, Intertek  
30 Hr OSHA – General Industry  
Princeton Groundwater Modeling Course  
Dale Carnegie Management Training  
Media Communications Training  
HAZWOPER Site Worker (40 Hr)  
HAZWOPER Supervisor (8 hr)  
DOT Hazardous Materials Transportation  
Certified Stormwater Operator, Michigan

## EXPERIENCE

**ISO 14001/OHSAS 18001 Certification Auditing:** Mr. Charles has conducted surveillance, recertification, and transfer registration audits. He has been both the lead auditor and auditor for over 300 EMS and 65 OHSAS audits.

**ISO14001 Consulting and Training:** Mr. Charles has provided support to over 52 facilities seeking ISO 14001 certification. This has included implementation planning, aspects identification, legal & other requirements, EMS documentation, and developing audit programs. He has also developed a 2-day internal auditor-training program and provided training to over 500 internal auditors.

**EHS Training, Reporting, and Auditing:** He has developed and delivered training programs for Hazcom, RCRA, SPCC, and DOT hazardous Materials. He has prepared routine environmental reports including – SARA Tier II, MAERS, Hazardous Waste, TRI, and annual wastewater reporting. He has lead multimedia compliance assessments at numerous industrial facilities. His experience also includes resolving enforcement actions with EPA/MDEQ and negotiation of consent orders.

**ISO 45001, OHSAS 18001 and Occupational Safety:** Mr. Charles is an experienced OHSAS 18001 auditor and safety consultant. He has developed and delivered OHSAS 18001 implementation training programs and lead sites to OHSAS certification. As a contract auditor he has done internal audits and registration audits of over 200 OHSAS management systems. He has evaluated compliance with major OSHA programs – including lock-out/tag-out, confined space, hazard communications, ergonomics, blood borne pathogens, hearing conservation, forklift safety and PPE programs. He has developed site specific safety plans, conducted hazard evaluations and acted as an onsite safety officer.

**Due Diligence and Site Remediation:** Mr. Charles has conducted due diligence assessments, site investigations, remedial design, and remedial construction for industrial operations and UST sites. As the environmental manager for a large oil company, he managed a portfolio of over 200 active UST remediation projects.

**Geotechnical Engineering and Construction Management:** Mr. Charles has conducted geotechnical investigations and construction testing services for numerous commercial and industrial construction projects. This has included foundation design, slope stability, pavement design, and landfill design projects.

**WORK HISTORY**

EHS Management Strategies	Senior Consultant	7/2004 - Present
RETEC	Senior Project Manager	2/2003 – 7/2004
Earth Tech	Project Director	12/1997 – 12/2002
Total Petroleum	Environmental Manager	12/1991 – 12/1997
IT Corporation	Project Manager	1/1990 – 12/1991
Law Engineering	Geotechnical Engineer	9/1986 – 1/1990

**PROFESSIONAL AFFILIATIONS, CERTIFICATIONS, ACHIEVEMENTS**

Professional Engineer – Michigan  
 Certified Professional Geologist

- “ISO 45001:2018 – overview of requirements” - Webinar in partnership with MDEQ – 2018
- “Developing an ISO 14001 EMS” – MDEQ Waste Management Conference – Novi - 2017
- “OHSAS18001 and ISO14001 Management Systems” Michigan Chamber of Commerce Environmental Issues Forum 2006
- “Strategic Environmental Management Systems and ISO14001” Michigan Chamber of Commerce Environmental Issues Forum 2005
- “ISO14001 EMS Strategies” North Michigan Industrial Association 2005
- “Probabilistic Cost Modeling to Support SEC Reporting” EHS Leadership and Management Forum, Jan 2004
- “ISO 14001 Implementation Strategies” American Society of Electroplaters, November 2003
- “RCRA Environmental Indicators” Strategic Liability Workshop, August 2003
- “Environmental Management Systems and ISO 14001” EMS and Pollution Prevention Workshop, Jan 2001
- “Environmental Reserves and Liability Management” Strategic Environmental Management Workshop, July 2000
- “RCRA Corrective Action Process” Remediation Strategies Workshop, June 1999