

Dr. Akbar Ziauddin

BEM, MSc, MTech, PhD, Cert IOSH, FIIRSM RSP, CEng, LSP, SPC, CSMC, IQA, NVQ Assessor

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EXECUTIVE SUMMARY:

An accomplished professional with 16 years of experience in Health, Safety, and Environment (HSE) Management both in the industrial sector and academia. My specialty lies in the oil and gas sector, focusing on safety for drilling operations, work-over rigs, and 3D exploration. I am adept in HSEMS development and implementation, holding lead auditor certifications for ISO45001 and ISO 9001. My skills extend to HAZID, risk assessment, JSA, and conducting HSE system audits and GAP Analysis. I am proficient in incident investigation, permit to work systems, and advancing behavioral-based safety. My academic credentials include a NEBOSH International General Certificate in Occupational Health and Safety, Fire Certificate, and Oil & Gas certification. Additionally, I am qualified in developing HSE training and e-learning packages and hold certifications in vocational achievement assessment and internal quality assurance leadership.

EXPERIENCE:

July'22 - Till Date	International Institute of Risk & Safety Management, UK	Fellowship Assessor
Aug'21 - Till Date	Manipal Academy of Higher Education, Dubai, UAE	Adjunct Professor
Feb '21 - Till Date	Safety Bee Training – FZ LLC, U.A.E	HSE - Consultant
Apr '16 - Nov'19	ACE Training & Consulting, U.A.E	Academic Director
Jan '08 - Till Date	Akbar HSE Training & Consulting, India	HSE - Manager
Mar'09 - Jan' 11	Mitchell Drilling International Pty. Ltd., India	HSE - Advisor
Nov'08 - Feb '10	TWI HSE Training & Consultancy Services, Dubai, UAE	Consultant - HSE
Dec'07 - Nov'08	CHSS Gulf FZ LLC. (Corporate Health & Safety Solutions), Dubai, UAE	Consultant - HSE
May'07 - Jan'09	Shiv-Vani Oil & Gas Exploration Services Ltd., India	Executive - HSE & Trainer

EDUCATIONAL QUALIFICATION:

- **PhD (Health, Safety & Environment Engineering)**, University of Petroleum and Energy Studies, Dehradun, India. (2015).
- **Master of Technology in Health, Safety and Environment**, University of Petroleum and Energy Studies, Dehradun, India. (2007).
- **Master of Science in Environmental Studies**, Andhra University, India. (2005).
- **Bachelor of Environmental Management**, Andhra University, India. (2003).

CERTIFICATIONS & AFFILIATIONS:

- *Level 4 Award in Understanding the External Quality Assurance of Assessment Process and Practice (EQA), (RQF), Highfield Qualification, UK*
- *Level 4 Certificate in Education and Training, (RQF), Highfield Qualification, UK*
- *Level 4 Certificate in the Leading the Internal Quality Assurance of Assessment Processes and Practice (IQA), (RQF), Highfield Qualification, UK*
- *Level 4 Award in the Internal Quality Assurance of Assessment Processes and Practice (IQA), (RQF), Highfield Qualification, UK*
- *Level 3 Certificate in Assessing Vocational Achievement (CAVA) (RQF), Training Qualification UK (TQUK), UK.*
- *Level 3 Award in Food Safety for Catering (RQF), Highfield, UK.*
- *Certified Safety Manager: Construction (CSMC), NASP, US.*
- *Safety Professional Certificate (SPC), NASP, US.*
- *Level 3 International Award in Delivering Training, Highfield, UK.*
- *Adobe Certified Professional – Adobe Captivate, Adobe.*
- *IOSH – Train the Trainer, UK*
- *“NEBOSH HSE Certificate in Health and Safety Leadership Excellence”, UK. / “NEBOSH International Fire Certificate in Fire Safety and Risk Management”, UK. / “NEBOSH International Technical Certificate in Oil & Gas Operational Safety”, UK. / “NEBOSH International General Certificate in Occupational Safety and Health”, UK.*
- *H2S Training / TBOSIET, OPITO Approved, UK.*
- *Emergency First Responder Instructor in CPR / AED / First Aid – Infant / Child / Adult, PADI, UK. Number: 320534.*
- *“Medic First Aid Instructor”, Medic First Aid International, US.*
- *Lead Auditor “ISO 45001” & “ISO 9001”, IRCA, UK.*
- *“OSHA 511 Occupational Safety & Health Standards for General Industry”, University of South Florida, US.*

- "Safe Use of Lifting Tools & Tackles", BP Exploration (Alpha) Ltd., CBM Project. SGS.
- "Gas Detection", BP Exploration (Alpha) Ltd., CBM Project.
- "OSHA 500 Trainer Course in Occupational Safety & Health Standards for Construction", US.
- Defensive Driving, National Safety Council, US.
- Tutor for "HSE Rig Pass", IADC, US.
- Tutor for IOSH Managing Safety and IOSH Working Safely, UK
- Tutor for IMEA Certified: Environmental Sustainability Skills for the Workforce, Environmental Sustainability Skills for Managers.
- Tutor for NEBOSH IDIP, NEBOSH IGC, NEBOSH IOG, NEBOSH IFC, NEBOSH EMC, NEBOSH EAW and NEBOSH HSW, UK.
- Highfield, UK. Approved Trainer Certificate for:
 - Level 1 & 2 Award in Fire Safety (QCF); Level 2 Award in Moving People Safely (QCF); Level 2 Award in Safe Moving and Handling (QCF); Level 2 Award in the Control of Substance Hazardous to Health (QCF); Level 1 to 4 Award in Health and Safety in the Workplace (QCF); Level 3 Award in the Supervising Health and Safety in the Workplace; Level 2 & 3 Award in Risk Assessment (QCF); Level 2 Award in Emergency First Aid at Work (QCF); Level 3 Award in First Aid at Work (QCF); Level 2 Award in Pediatric First Aid (QCF); Level 2 Award in Cardiopulmonary Resuscitation and Automated External Defibrillation (QCF).
 - Level 1 & 2 International Award in Fire Safety; Level 2 International Award in Fire Safety for Fire Wardens; Level 1 International Award in Health and Safety for Construction Labourers and Site Visitors; Level 1 International Award in Principles of Health and Safety; Level 1 & 2 International Award in Work at Height; Level 1 International Award in Working in Confined Spaces; Level 2 to 4 International Award in Health and Safety in the Workplace; Level 1 International Award in Safe Moving and Handling; Level 3 International Award in Accident and Incident Investigation; Level 3 International Award in Health and Safety for Accommodation Supervisors; Level 3 International Award in Health and Safety for Construction Supervisors; Level 2 International Award in Risk Assessment; Level 2 International Award in the Control of Substances Hazardous to Health (COSHH); Level 3 International Award in Delivering Training; Level 3 International Award in Effective Auditing and Inspection. Level 1 & 2 Food Safety.
- Certified Member (Member No. 110890) "Institution of Occupational Safety & Health", UK.
- FIIRSM RSP (Fellow Membership No. 205149) "International Institute of Risk & Safety Management", UK.
- Associate Member, "Institute of Environmental Management and Assessment, UK. "Former Member Number: 0031767".
- Chartered Engineer, Institute of Engineers, India.

ACHIEVEMENTS:



- **Co-authored & Edited 13 Textbooks in the area of Health, Safety and Environment.**
 - "Study on Release of Hydrocarbons in The Atmosphere & Its Occupational Health", Lambert Academic Publishing. Germany. (ISBN: 978-3-659-80537-0), 2015.
 - "A Study On Exposure Assessment & Evaluation of Occupational Health Hazards of CNTs", Lambert Academic Publishing. Germany. (ISBN: 978-3-659-69363-2), 2015.
 - "Mapping of Air Pollutant Trend in Growing Urban Environment Using GIS", Lambert Academic Publishing. Germany. (ISBN: 978-3-659-61583-2), 2014.
 - "GAP Analysis of Environmental Health & Safety Management Systems – Highway Project", Lambert Academic Publishing. Germany. (ISBN: 978-3-659-60992-3), 2014.
 - "Internal Safety Audit of a Major Oil Refinery", Lambert Academic Publishing. Germany. (ISBN: 978-3-659-60729-5), 2014.
- **Published 29 International Journal Papers.**
 - "Biomonitoring of Atmospheric Heavy Metal Deposition by using Moss species Bryum Argenteum", Advances in Behavioral Based Safety, PP 241-254 (2022), Springer.
 - "Preliminary Study on Seawater Intrusion in Coastal Aquifers of Visakhapatnam", Advances in Behavioral Based Safety, PP 113-126 (2022), Springer.
 - "Assessment of Groundwater Quality using Pollution Indices with respect to Heavy Metals", Advances in Behavioral Based Safety, PP 55-67 (2022), Springer.
 - "Atmospheric Aerosols (PM₁₀ and PM_{2.5}) and their Influence on Air Quality in Visakhapatnam City, Andhra Pradesh, India", Advance in Air Pollution Profiling and Control, PP 143-166 (2020), Springer.
 - "Assessment of Ground Water Quality Along the Coastal Areas of Srikakulam District, Andhra Pradesh, India", Advance in Air Pollution Profiling and Control, PP 25-55 (2020), Springer.

Note: To name a few & I am willing to discuss further at any given time. You can see the detailed cv at: <https://www.drakbar.consultant-hse.com>

WORK PROFILE:

HSE TRAINING AND DEVELOPMENT WORK PROFILE:

In my role, I have effectively benchmarked EHS programs, conducted company-wide needs analyses, and developed strategic plans with executive support. I led a team of business leaders to address change barriers, aligning actions with divisional resources, manufacturing demands, and company performance goals. My work includes creating auditing and training programs, establishing metrics, and implementing performance measurements in line with business strategies to foster accountability and change. I introduced an online EHS training delivery system and

assembled a cross-functional team for its implementation. Additionally, I restructured the corporate engineering team to better align with business units, enhancing service to plants and achieving cost savings. I established a global EHS auditing program with a risk-ranking system for audit site selection and played a pivotal role in managing an enterprise-wide EHS data management database, projected to yield annual savings.

Notably, I successfully developed approved training materials and e-learning packs for various NEBOSH and IADC courses. I have met the HSE requirements of HHI - Kuwait and numerous oil & gas companies in Kuwait and Qatar, earning testimonials and positive feedback for the quality of the HSE training delivered.

CONSULTANCY WORK PROFILE:

- I serve as an NVQ Assessor for various qualifications including the Level 7 Diploma in Strategic Health & Safety Leadership and Management, Level 6 Diploma in Occupational Health & Safety Practice, Level 3 Health & Safety Certificate, and Level 3 Award in Environmental Management.
- I have successfully developed and created e-Learning packages for NEBOSH IGC, NEBOSH IFC, and NEBOSH IOG Courses, tailored for clients like Britannia Safety Consultants, UK, and others, which have been approved by respective examination boards.
- My consultancy and training services in health, safety, and environmental management extend to a diverse clientele in India and the Middle East, including courses like NEBOSH International General Certificate, IOSH Managing Safely, and OSHA Construction Safety.
- I have crafted course notes for the "NEBOSH – International General Certificate" for clients such as National Training Institute - OMAN, High-tech Safety Management - Dubai, and Corporate Safety Solutions PVT Ltd, India.
- I am a Proctor for Columbia Southern University, US, and also act as the Lead Examiner for CHSS Gulf FZ LLC, UK, focusing on their operations in India.

DRILLING INDUSTRY WORK PROFILE:

In my multifaceted role, I have been instrumental in assisting the Operations Manager and Well Site Leader in implementing HSE management systems and procedures, advising on job safety analysis, and ensuring compliance with safety standards. My collaboration with BP's HSE Advisor on various assessments and training drills has been a key component of my work. I have conducted internal HSE audits, formulated safety management plans, and advised on the latest HSE guidelines. My responsibilities also included ensuring the availability and maintenance of safety equipment, adherence to operational safety standards, organizing HSE meetings, and implementing mock drills to enhance safety awareness.

Significant achievements include the successful implementation of an Australian-based HSE Management System in Indian operations and playing a crucial role in securing and successfully completing a British Petroleum project without any incidents. I developed bilingual HSE training packages and implemented various safety systems in India. Additionally, I managed HSE activities across drilling rigs and exploration project sites, ensuring compliance with relevant standards and conducting thorough safety analyses and risk assessments. My role also extended to waste management, conducting HSE meetings, and implementing policies to ensure a safe working environment. I was instrumental in streamlining HSE reporting systems, establishing an Accident Reporting System, and developing comprehensive HSE manuals and plans. Furthermore, I pioneered e-learning initiatives and contributed to the certification processes of OHSAS 18001 and the renewal of ISO 9001.

PERSONAL DETAILS:

- Date of Birth : January 13, 1982
- Marital Status : Married
- Nationality : Indian
- Driving License : Indian and UAE.