

## CURRICULUM VITAE

Haji Muhammad Zaeem Bin Haji Mokhtar  
Technical Expert III (Principle Consultant / Principle Researcher)  
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Haji Muhammad Zaeem Bin Haji Mokhtar brings over 28 years of extensive experience in the field of occupational safety and health. He holds recognized competencies in rope access, confined space entry, working at heights, and high-pressure water jetting. His strong passion for emergency preparedness and response planning has been a consistent driving force throughout his career. Haji Muhammad Zaeem is also a master trainer and key developer of training programs for Confined Space, Work at Heights, and Safety and Health Officer courses, playing a vital role in promoting and upholding workplace safety standards.

He has significant experience conducting risk assessments for confined space and work at height operations across high-profile projects and organizations, including the Penang Bridge, Air Selangor, Tenaga Nasional Berhad (TNB), Petronas, Putrajaya Holdings Berhad and the Bentong–Langat Water Tunnel. Furthermore, he has been actively involved in developing and conducting the Emergency Preparedness and Response Plan (EPRP) for the SMART Tunnel, further demonstrating his expertise in managing complex safety scenarios.

His international OSH involvement includes delivering confined space training for Petronas Carigali in Iraq and the Organisation of Islamic Cooperation (OIC) countries through SESRIC. He has participated in the ASEAN OSHNET Yearly Conference (2010), the AOTS Japan OSH Management and Work Environment Improvement Program (2011) and developed the Emergency Preparedness and Response Plan for ISGUM, Turkey in 2019.

Beyond his professional commitments, Haji Muhammad Zaeem is an adventure enthusiast and endorphin junkie. In September 2019, he successfully summited Everest Base Camp in Nepal. His hobbies include skydiving, scuba diving and mountaineering, reflecting his passion for challenging environments and physical endurance.

Education	Master of Occupational Safety and Health Risk Management, Open University Malaysia
Professional Competencies	<ul style="list-style-type: none"> <li>• Industrial Rope Access Trade Association - 1/95206</li> <li>• Authorised Gas Tester - JKKP HIE 127/171-5 (92)</li> <li>• Entry Supervisor - JKKP HIE 127/171-6 (59)</li> <li>• HRDCorp Accredited Trainer - 12112</li> </ul>
Key Professional Experience / Consultation Services	<ul style="list-style-type: none"> <li>• Developer and trainer for Work Safely in Confined Space and Work at Heights series</li> <li>• Specialist in Rescue Operations, Emergency Preparedness and Response Planning</li> <li>• Lead trainer for Safety and Health Officer and OSH for Scaffolding programs</li> <li>• Member, DOSH Malaysia Competency Committee for Confined Space, Crane and Scaffolding</li> </ul> <hr/> <ul style="list-style-type: none"> <li>• Consultant for various organizations including: <ul style="list-style-type: none"> <li>• Air Selangor, TNB Janamanjung, Petronas Leadership Center</li> <li>• SMART Tunnel EPRP, Penang Bridge Utility Lines, Bentong–Langat Tunnel</li> <li>• Putrajaya Underground Utility Tunnel, PLKN, MFLS</li> </ul> </li> </ul> <hr/> <ul style="list-style-type: none"> <li>• International assignments include: <ul style="list-style-type: none"> <li>• Confined space training for Petronas Carigali Iraq, SESRIC-OIC countries</li> <li>• OSH programs for OMIFCO (Oman), ISGUM Turkey</li> <li>• Participant in AOTS Japan OSH Management Program (2011)</li> <li>• Speaker, ASEAN OSHNET Yearly Conference (2010)</li> </ul> </li> </ul>
Membership/ Affiliation	<ul style="list-style-type: none"> <li>• Member of Industrial Rope Access Trade Association (IRATA)</li> <li>• Member of Kelab Menembak Kajang (KMK)</li> <li>• Member of National Association of Underwater Instructors (NAUI)</li> <li>• Member of Malaysian Sports Parachuting Association (MSPA)</li> </ul>