

KASHIF RAUF KHAN	8150 Pond Crest Ter, Manassas, VA, USA kashif.rauf@gmail.com Kashifrauf.khan@eni.com DoB: Jan 18, 1974
Phone: +39-22-333-2833 Cell: +1-571-538-8764 /+964-780-926-1310	

Summary & Objective	Areas of Expertise
Over Twenty years of work experience in Oil & Gas and Petrochemical Industry in Production Operations & Construction Projects in North America, Asia, Africa & Europe /Work in progressive environment whilst effectively contributing to company's short/long term objectives in compliance with International accords and standards	Financial & Procurement Management, HSE Legal Compliance, Corporate HSE Management, HSE Integrated Management System, Process Safety Management System (QRA, HAZOP & HAZID, ENVID, SCE, PS), Air Emissions, GHG, Air Quality & Dispersion Modelling & Water pollution, SAP & Computer Software

Sep.1999 – Aug.2001	Master of Applied Science (Environmental Engineering) University of Windsor, Ontario, Canada
Jan.1993 – Dec.1996	Bachelor of Science (Chemical Engineering) NED University of Engineering & Technology, Karachi, Pakistan

Professional Affiliation	<ul style="list-style-type: none"> Member – Canadian Council of Professional Engineers (CCPE) Member – Canadian Society of Safety Engineers (CSSE) Member - Pakistan Engineering Council (PEC)
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Career Summary:

- Eni Spa (Jun 2007 – To-date)
 - Eni Spa, Eni Iraq B.V: Safety & Environment Head (Joint Venture of Eni, Basra Oil Company, KOGAS, Missan Oil Co.) (Jun 2018 – to date)
 - Eni Spa, Milan, Italy: Process Safety & IMS Team Lead (Aug 2016 – Jun 2018)
 - Eni Spa, Karachaganak Pet. Operating B.V: Corporate Environment Manager (Joint venture of Eni, Shell, Chevron, Lukoil and Kazmng) (Jan 2014 – Aug 2016)
 - Eni Spa, Nigerian Agip Oil Company (Brass LNG Project): Head of HSE (Joint Venture of Eni, Total, ConocoPhillips, NNPC – PMC Bechtel) (Aug 2011 – Dec 2013)
 - Eni Spa, Eni Pakistan Limited (Joint Venture of Eni, OMV & OGDCL) (Jun 2007 – Jul 2011)
 - HSE Management System Team Leader (Mar 2010 – Jul 2011)
 - HSE Advisor – Offshore Drilling (Jan 2010 – Mar 2010)
 - HSE Advisor (Jun 2007 – Dec 2009)
- Oil & Gas Development Company Ltd: Deputy Chief Engineer HSEQ, Pak (Nov 2005 – Jun 2007)
- Avanceon Engineering & Automation: Senior HSE Engineer – Projects, Pak/UAE (Nov 2004 – Nov 2005)
- Sable Consultants Ltd., Calgary, Canada: Environmental Consultant (Dec 2001 – Oct 2004)
- University of Windsor, Ontario, Canada: Research Assistant & Graduate Student (Sep 1999 – Aug 2001)
- Pakistan Refinery Limited (Shell): Process Trainee Engineer (Jan 1997 – Aug 1999)
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Professional Development Credentials

- Code of Ethics
- Anticorruption and Anti-bribery Acts
- Management Leadership Workshop – KPO, Aksai, Kazakhstan
- Process Safety Management – Fleming Europe, London, England
- Crisis & Emergency Management, London, England
- BOSIET (Basic Offshore Safety Induction & Emergency Training)-OPITO, Abu Dhabi, UAE
- Lead Auditor ISO 14001 & 45001 (DNV), Dubai, UAE
- Awareness Sessions on ISO 14064 (GHG) & SA 8000, DNV, Spain
- HSE Incident Investigation Techniques – DNV SCAT
- DuPont STOP (Behavioral Base Safety) Program for Supervisors – DuPont Safety Resources, Netherland
- DuPont STOP (Behavioral Base Safety) Program for Each Other – DuPont Safety Resources, Netherland
- HAZOP Leadership Training by Marcus Evans, England
- HSE in E&P Operations at Eni Corporate University, Milan, Italy
- Basic First Aid and CPR by St. John Ambulance, Calgary, Canada
- Environmental Law (Law Department), University of Windsor, Canada
- Air Pollution from Mobile Sources and Air Pollution Control, University of Windsor, Canada
- Ground Water and Numerical Modeling (Fortran programming & GMS software), Windsor, Canada
- ISO – 9001:2000, Avanceon Engineering & Automation, Dubai, UAE
- HSE Monitoring & Reporting, WWF Pakistan

Professional Experience

Eni Spa - Eni Iraq B.V: Safety & Environment Head (Jun 2018 – To-date)			
Lead team of HSE Professionals & Liaison with Legal, Commercial, Contract & Procurement, Sustainability, Drilling & Production Departments (Budget: 15 Million USD)			
Leadership & IMS	Safety & Process Safety	Crisis & Emergency Management	Environment
<ul style="list-style-type: none"> ➤ HSE MBOs ➤ JV Meetings ➤ HSE Leadership Program ➤ Competence Assessment ➤ Finance & Budget Management (Annual & 4 yr) ➤ International Accords compliance (Basel Convention, IPCC, etc.) ➤ Legal Compliances ➤ Liaison with Authorities ➤ HSE Plans (Annual & 4 yr) ➤ Contracts & Cost Control ➤ HSE Audits ➤ HSE Training Management ➤ Data Management 	<ul style="list-style-type: none"> ➤ Corporate HSE Policies ➤ ISO 45001 ➤ Management of Change & Reviews ➤ Incident Management ➤ Global Harmonization System ➤ Process Safety Management System (Fundamentals, SCE and PS) ➤ Risk Management (PEAR) ➤ HAZID & HAZOPS ➤ Project HSE Plans (Brown & Green Field) ➤ Journey Management & Transport Safety ➤ Industrial Hygiene ➤ PPEs Management 	<ul style="list-style-type: none"> ➤ Crisis & Emergency Management ➤ Emergency Response Plans ➤ Medical Emergency Response Plans ➤ Emergency & Rescue ➤ Firefighting ➤ Oil & Chemical Spill Management ➤ Management of Emergency Response Equipment ➤ F&G System Management 	<ul style="list-style-type: none"> ➤ Climate Change IPCC Initiatives ➤ Circular Economy ➤ ISO 14001 ➤ EIAs ➤ Air & GHG Emissions & Air Quality Monitoring ➤ GHG Intensity ➤ Flaring Reduction Projects ➤ Soil Remediation & Analysis ➤ Water, Wastewater & Groundwater Monitoring ➤ NORM / TENORM/Radiation Management and Monitoring

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Eni Spa Corporate HQ, Milan, Italy: Process Safety & IMS Team Lead (Aug 2016 – Jun 2018)	
Led team of Process Safety & HSE IMS for following responsibilities	
<ul style="list-style-type: none"> • Process Safety Management System development and implementation as per API 754/OGP RP 754/456/CCPS. • Conducted Process Safety Management System awareness sessions • Conducted Process Safety Management System Gap Analysis • Identification of Major Accident Hazards (MAH) for SCE & ECE • Workshops on MAH • Integration of Process Safety & Asset Integrity (SCEs+OCEs) • Team Member of HAZOPs & QRAs 	<ul style="list-style-type: none"> • SIL determination using LOPA to comply with IEC 61511 & ISA 84 • MOC of Human/Technical aspects • Updates of Procedures as per PSMS • HSE & Process Safety KPI Settings Corporate HSE MBOs • Corporate HSE Budgets • Corporate HSE Management Reviews • Liaison with Crisis & Emergency Management • Management of ISO 14001, 45001, 39001, 31000 • Management of KPIs; GHG Intensity, PSAF Tier 1/2, LTIs, etc.

Eni Spa – Karachaganak Petroleum Operating B.V: Corporate Environment Manager (Jan 2014 – Aug 2016)	
Led team of professionals in Air, GHG, Emissions, water, Wastewater, Ground water, Soil & subsurface and Environmental Permits. (Budget: 55 Million USD)	
<ul style="list-style-type: none"> • Member of Crisis Management Team • Member of Company Risk (high) Committee • Management Leadership Workshops • Environmental Budget & Taxes & Budget • Management HSE Leadership Tours • ISO 14001 & OHSAS 18001 IMS Certification Management • Sustainability Reporting & Gap Analysis as per ISO 26000 • Low Intensity Radiation Area Monitoring • Environmental Due Diligence (Projects, Land & Community) • HSE Plans (Annual & 4 Year) • GHG Inventory & Certification as per quota • GHG Reduction Programs • KEP 1 Project (Karachaganak Expansion is a Green Field Project with CAPEX of USD 1 Billion budget) • Fugitive Emissions Monitoring Campaign 	<ul style="list-style-type: none"> • EIAs • Biodiversity Study & annual monitoring • Environmental Emissions Permit • Max Permissible Emissions • Max permissible Discharges • Waste Limit Projects • Environmental Protective Measurement Plans • Gas Processing Development • Flaring Permit • Envid, HAZOPS, HAZIDs & Quantitative Risk Assessments • Water Management Strategy • Produced & Wastewater Management • E&P Operational Environmental Issues • Construction of New Plant :Karachaganak Expansion Project (KEP-1) • Production, Reservoir & Drilling miscellaneous matters.

Eni Spa – Nigerian Agip Oil Company (Brass LNG Project): Head of HSE (Aug 2011 – Dec 2013)	
A Brown Field Project had construction of three LNG Trains, Aerodrome, Offshore Dockyard and Subsea Pipeline (Budget: 20 Million USD).	
<ul style="list-style-type: none"> • International Accords Compliance wrt Environment (Marine & Wildlife, Fisheries Acts, MARPOL, Basel Convention) • Development of HSE IMS and rollout to all stakeholders • Emergency Response, Management & Business Continuity (Lagos-London-Houston) 	<ul style="list-style-type: none"> • Contractors' HSE Management of approximately 5000 workforce • EIA Prep & Reviews (Dredging, Aerodrome, LNG Plant) • Onshore & Offshore Oil Spill Response • Envid

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<ul style="list-style-type: none"> • Electronic POB Project • Aviation Safety Audits for prequalification of contracts • HSE Evaluations for all major contracts • Early Works HSE Monitoring & Reporting 	<ul style="list-style-type: none"> • Safety Engineering Reviews (HAZID, HAZOP, QRA, Safety Case)
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Eni Spa - Eni Pakistan Ltd. (Jun 2007 – Jul 2011)	
HSE Management System Team Leader (Mar 2010 – Jul 2011)	
<ul style="list-style-type: none"> • Led HSE Management System Team for development and effective implementation of HSE Integrated Management System based on the requirements of ISO 14001:2004, OHSAS 18001:2007 and corporate Eni E&P Division's guidelines and standards. • Developed & implement e-learning HSE modules • Prepared HSE Objectives, Annual & 4 years HSE Plans & Budgets • Prepared Training Need Analysis & ensure HSE trainings' matrix as per skill matrix of employees • Led the annual HSE Reviews and updating of Company's & Departmental HSE Risk Registers 	<ul style="list-style-type: none"> • Conducted Behavioral Base Safety & Other Trainings • Bhit Compression Project - PEER Reviews • Internal & External HSE Audits as per matrix • HSE IMS Compliance Reviews as per Eni E&P Corporate Directives • Annual reviews of Crisis & Emergency Management Procedure, Trainings & Drills • Electronic POB • e-PTW • Process Safety & Asset Integrity Management
HSE Advisor – Offshore Drilling (Jan 2010 – Mar 2010)	
<ul style="list-style-type: none"> • EIA for offshore drilling • MARPOL & Basel Convention, Biodiversity Protection & WWF Compliances • Bridging Document & Procedures Preparation for Jack-up Rig (Aqua Marine Driller) • Daily HSE matters of Drilling Operations at Offshore Drilling Site (Induction, Safety Tours, ICU Behavior Base System Implementation, Waste Management, etc.) 	
HSE Advisor (Jun 2007 – Dec 2009)	
<ul style="list-style-type: none"> • Conduct internal HSE Audits against OHSAS 18001:2007 • HAZOP Study of Kadanwari Wellhead Compression Project • Project Safety Reviews (PSR) of Bhit Gas Plant - Train 3 • Project Safety Reviews (PSR) of Bhit Wellhead Compression Project • Behavioral Base Safety Program (STOP) Implementation • Conduct STOP Training Sessions for Eni Staff • Conduct internal HSE Audits & Inspections for offshore vessels against Common Marine Inspection Document (CMID) • Accident/Incident Reporting, Analysis & Review of Investigation Reports, Raising Corrective Actions and their closure 	<ul style="list-style-type: none"> • Green House Gases (GHG) Inventory preparation, Accounting & Verification of Bhit Gas Field • Review IEE & EIA Studies for Onshore & Offshore Exploration & Production Projects (2/3D Seismic, Drilling & New Facility Development). • Monthly Environmental Monitoring (Plant, Rigs) • Projects Compliance reports against mitigation measures of IEE/EIA recommendations • Conduct internal HSE Audits against ISO 14001:2004 • Waste Management & Disposal • Daily/Weekly/Monthly HSE Reports of Exploration, Drilling & Gas Processing Plant to Management, Joint Venture Partners and Milan Corporate Head Office • Semi Annual & Annual HSE Data Reporting to Corporate Office (Milan) to be reported to OGP • International Finance Corporation (IFC) Reporting

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Oil & Gas Development Company Ltd: Deputy Chief Engineer HSEQ (Nov 2005 – Jun 2007)	
<ul style="list-style-type: none"> ISO 14001 & OHSAS 18001 gap analysis & Implementation at Qadirpur Gas Field Conducted Safety Audit of Qadirpur Gas Field with DuPont Safety Resources HSE Monitoring of Qadirpur Gas Field Compression & Capacity Enhancement Projects HAZOP & HAZID of Qadirpur Gas Field Front End Compression Project with ILF COMAH Safety Case Assessment of OMV Kadanwari plant. 	<ul style="list-style-type: none"> Prepare and review Initial Environmental Examinations (IEE) of onshore/offshore drilling wells and 2D/3D Seismic Safety Awareness & Safety Talks Incident Investigations Devised methodologies to combat non-compliances in various oil & gas fields Internal HSE audits of various oil & gas fields
Avanceon Engineering & Automation : Senior HSE Engineer - Projects (Nov 2004 – Nov 2005)	
Responsibilities included HSE Management and Ensure Implementation, Project Planning & Management, Overall project ordering & meeting deadlines and Meeting with clients and vendors.	
<ul style="list-style-type: none"> Permit to Work Instrumentation & Control Projects Management QA/QC Documentation according to ISO 9001/14001/OHSAS 18001 HSE Management for Oil & Gas and Petrochemical Projects 	<ul style="list-style-type: none"> Project HSE Management for Oil Refineries (PRL, ARL) Project HSE Management for British Petroleum Badin SCADA project Project HSE Management for PARCO Refinery SCADA Project included protected area assessment
Sable Consultants Ltd., Calgary, Canada: Environmental Consultant (Dec 2001– Oct 2004)	
Responsibilities included Client Management, Projects Planning & Management, Compliance to Environmental Regulations	
<ul style="list-style-type: none"> Monitoring of greenhouse gas emissions and inventory development. Air Quality Monitoring. National Pollutant Release Inventory (NPRI) reporting to Environment Canada for various facilities. That required for chemical and HC industry. Alberta EUB G-60 guidelines and implementation for underground /above ground storage tanks for upstream industry. 	<ul style="list-style-type: none"> Involved in incident investigation and report writing for Paramount Drilling Company in Northern Alberta. Managed safety standards and arranged regulatory permits for various drilling companies. Facility and field inspections with respect to health & safety standards as per AEUB standards & guidelines
Pakistan Refinery Limited (Shell): Process Trainee Engineer (Jan 1997 – Aug 1999)	
Responsibilities included Client Management, Projects Planning & Management, Compliance to Environmental Regulations	
<ul style="list-style-type: none"> P&ID Update Project Water treatment by reverse osmosis (designing of the system) & split stream softening system for boiler feed water and water recovery by cooling towers MOC from Pneumatic Control to DCS System 	<ul style="list-style-type: none"> Emission monitoring & Effluent treatment Implemented WHIMS in Labs and chemical storage. Contractor Management Refinery Operations Management Platforming & Hydrocracking Furnace design upgrade