



NANDAKISHORE VARMA

Specializes in: Process Hazard Analysis Studies such as HAZID, Bow-Tie, Barrier Management, HAZOP, LOPA, SIL and QRA; Process Safety Management

BRIEF PROFILE AND CERTIFICATIONS

1. B. Tech Chemical Engineering at Government Engineering College, University of Calicut, India, 1985
2. NEBOSH International General Certificate, 2012
3. Post Graduate Diploma in Finance from Indira Gandhi National Open University, New Delhi, 1998
4. Certified Lead Auditor for ISO 14001 from Marsden Institute, UK, 1999

WORKSHOPS CONDUCTED

India

- i. HAZOP for modifications done in existing EOD2 unit of EGS, Shell Eastern Petroleum (Pte) Ltd, Jurong Island, Singapore for SCIPPY Process
- ii. HAZOP for Furnace Installation at IISc, Bangalore
- iii. HAZOP for all Process Units of United Breweries Limited, Mysore
- iv. HAZOP for Ethanol Plant of DCM Sugars, Shahjahanpur, UP
- v. HAZOP for KRI SARTA Stage 1A EPF Project, for Oilserv/ Chevron, Dubai
- vi. HAZOP for Carbon Black Plant, Ghaziabad, for Continental Carbon India Ltd.
- vii. HAZOP for Alumina Fusion Plant, CUMI Minerals Division, Kochi, Kerala, India
- viii. HAZOP for Solar Power Plant for Godavari Green Energy Limited, Rajasthan, India
- ix. HAZOP for Boehmite Plant, CUMI Minerals Division, Kochi, Kerala, India
- x. HAZOP for Condensate Splitter Unit for KAR Company, Erbil, Iraq as Third Party Chairman for Petrocil Engineers
- xi. HAZOP of Petronet MHB Multiproduct Pipeline from Mangalore to Bangalore
- xii. HAZOP for OCL Cement Plant at Rajgangpur, Odisha
- xiii. HAZOP of EDDC Test Cell for GE, Bangalore
- xiv. HAZOP for Effluent Treatment Plants of United Breweries Ltd at three locations: Malleppally, Telengana; Vishakhapatnam, Andhra Pradesh; and Kalyani, West Bengal
- xv. HAZOP for Refractory Thermal Fibre Plant of MMTCL, Ahmedabad, Gujarat

United Arab Emirates

- xvi. HAZID/ HAZOP for Provision Of EPCC Of Well Conversion For Water Injection For PCIHBV's Garraf Operations, Iraq
- xvii. HAZOP for EMARAT JAT, Dubai
- xviii. HAZOP for FEED for NEB Phase III Development (Al-Dabaiyya) as 3rd Party facilitator for ADCO
- xix. HAZOP for Borouge PMPs (miscellaneous jobs) at Ruwais
- xx. HAZOP for Provision of Pressure Reducing Station for WI Pipelines Having Permanent Pigging Facility at Umm Shaif and Zakum, for ADMA-OPCO
- xxi. HAZOP for TRF Control System Upgrade for L&T as 3rd Party HAZOP Facilitator. Dolphin Energy Ltd. was the client.
- xxii. HAZOP for Replacement of Emergency Diesel Generators at Zirku Island, for ZADCO



EKAAGRA: CREDENTIALS OF PERSONNEL

- xxiii. HAZOP for Halfaya Gas Receiving Station for CPE, China
- xxiv. HAZOP for Badra Tank Farm and Gas Export Pipeline (Iraq) for Gazprom Neft Badra B.V. (FEED)
- xxv. HAZOP for GASCO Habshan Utilities and Injection Compressors (13 Units – extended workshops spread over two months) as 3rd Party
- xxvi. HAZOP for Upgradation of GASCO Metering Skid
- xxvii. HAZOP for FEED for Production Infrastructure at Badra Oilfield, Iraq
- xxviii. HAZOP for Feed Study For Installation Of Condensate Pot with LCS for Stabilizer Reboiler (GASCO)
- xxix. HAZOP for ADMA Assess and Select for Upgradation and Replacement for Piping Network in Das Island
- xxx. Supplementary HAZOP for ADMA 100 MBD project
- xxxi. HAZOP for Installation of new MPFM in Satah WH-03 for ZADCO
- xxxii. HAZOP for ZADCO Propane Depressurisation Project

Oman

HAZOP for Tube Leak Protection on Gas Cooler of DGP TRAIN – 1 for Exterrann, Oman as Third Party Chairman for Petrocil Engineers

HAZIDS CHAIRED

India

- xxxiii. HAZID Workshop for Deccan Chemicals, Goa
- xxxiv. HAZID for Furnace Installation at IISc, Bangalore
- xxxv. Comprehensive HAZID for Chlor-Alkali Plant of Grasim in Rehla, India

United Arab Emirates

- xxxvi. HAZID for FEED of Electrical, Control System and Pigging Facility at Umm Shaif for ADNOC Offshore
- xxxvii. HAZID for Ethane Sphere Project for Borouge
- xxxviii. HAZID for Replacement /Relocation of Lube Oil Coolers at ZWSC Project for ADMA-OPCO
- xxxix. HAZID/ ENVID for LCAD AUP Project for ZADCO
 - xl. HAZID/ ENVID for Borouge PMPs (miscellaneous jobs) at Ruwais
 - xli. HAZID/ ENVID for Replacement of Emergency Diesel Generators at Zirku Island, for ZADCO
 - xlii. HAZID/ ENVID for Badra Tank Farm and Gas Export Pipeline (Iraq) for Gazprom Neft Badra B.V. (FEED)
 - xliii. HAZID/ ENVID for ADMA Zakum Short Term Power Supply Project (Conceptual)
 - xliv. HAZID/ ENVID for ZADCO Propane Depressurisation Project (FEED)
 - xlvi. HAZID/ ENVID for ADCO Habshan (Phase-1) Development Project (Conceptual)
 - xlvi. HAZID/ ENVID for GASCO Habshan Injection Compressor Control System Upgrade Project (FEED)

Qatar

- xlvii. Supplementary HAZID for Feasibility Study and Concept Optimization for Dukhan Production Facilities Upgrade, QP
- xlviii. HAZID for Halliburton Consolidation Project Yard 2 for QP
- xliv. HAZID/ ENVID for Hot Oil Crude Oil Project for Qatar Petroleum (FEED)



BOW-TIE WORKSHOPS CHAIRED

- I. Bow-Tie Workshop for Deccan Chemicals, Goa
- li. Bow-Tie Workshop for Chlor-Alkali Plant of Grasim in Rehla, India

SAFETY AUDITS CONDUCTED

- lii. Conducted Safety Audit for HMEL Refinery, Bhatinda
- liii. Conducted Safety Audit of UPL India facilities at five different locations

PROJECT RISK ASSESSMENT CONDUCTED

- liv. Project Risk Assessment Workshop for ADMA Zakum Short Term Power Supply Project (Conceptual)

PROJECTS EXECUTED (AS HEAD OF HSE, MOTT MACDONALD, ABU DHABI)

1. FEED for Taweelah Gas Compressor Station, GASCO
2. FEED for Fiscal Metering and Produced Water Treatment, Halul Island, QP
3. FEED for Expansion, ADOC
4. FEED for Sludge Handling Facilities At Fahahil Main Degassing Station, QP
5. Feasibility Study and Concept Optimization for Dukhan Production Facilities Upgrade, QP
6. As PMC HSE Team Leader for Hail Island Development Project, ADOC
7. Gas Turbines Replacement Project (FEED) for GASCO
8. Strategic Petroleum Storage Tank Project (FEED) for Qatar Petroleum
9. Amine Generation and Equipment Revamp (FEED) for Qatar Petroleum
10. Replacement of Hot Crude Oil Exchangers (FEED) for Qatar Petroleum
11. Emergency Diesel Generator Replacement for Zirku Island (FEED) for ZADCO
12. Asab 6 & 7 Development (FEED) for ADCO
13. Nitrogen Gas and CO2 Injection Project (FEED) for ADCO
14. ADMA-OPCO Halon Replacement Project (Re-FEED) – Offshore
15. GASCO Power Interconnection between Habshan 5 and Transco Project (FEED)
16. Abu Dhabi Oil Refining Company (TAKREER) Ruwais Refinery Expansion EPC 4 (PMC)
17. Gazprom Production Infrastructure for Badra Oilfield – Iraq (FEED)
18. ADMA OPCO Power Upgrade for Zakum West Super Complex & Zakum Central Super Complex (Assess & Select)
19. Zakum Development Company (ZADCO) Zakum facilities – UZ Full Field Development Thammama II – WAD Phase 1 (EPCM Services)



EKAAGRA: CREDENTIALS OF PERSONNEL

20. Zakum Development Company (ZADCO) - Arzanah Power Generation Facilities
21. GASCO Nitrogen Gas Injection (Mixed Case) Project – Habshan (EPC)
22. GASCO Habshan Direct Depressuring (HDD-1) Project (Re-FEED)
23. GASCO FEED for Installation of New Metering System at ASR
24. Shell Feasibility Study For Temporary Power
25. GASCO Replacement of Buhasa Obsolete 11KV Switchgear/Shifting of 3.3KV Camp Feeder to 11KV Network (FEED)
26. ADMA-OPCO Upgradation of F&G System - Offshore (FEED)
27. Qatar Petroleum Automation Upgrade at FMDS, FNDS, FSDS, FSP & NFIS (FEED)