



Exponent®
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Professional Profile

Dr. Medhekar is a Chemical/Process Engineer with 30+ years of reviewing and evaluating Process Designs within the chemical/petrochemical/process industry. He has evaluated the designs and process risks on over 100 International Projects including sites in Korea, Japan, Kuwait, UAE, Saudi, Qatar, Oman, Singapore, Thailand, Taiwan, India, Malaysia, Indonesia, UK, Germany, Russia, Poland, Egypt, Mexico, Canada and USA.

These reviews have occurred during different phases of the project including the FEED, Detailed Design, Construction, and Commissioning stages. Dr. Medhekar's clients have included Owner/Operators, EPC contractors and/or the PMCs.

Dr. Medhekar also testifies as an expert witness in International Arbitration cases and has worked on a number of litigation matters in which he has conducted failure analysis and evaluated alternative designs and strategies to mitigate the likelihood of a future failure.

Dr. Medhekar has performed over 200+ process design reviews including P&ID/PFD reviews, HAZOP reviews, SIL reviews, Alarm Management studies, and Quantitative Risk Assessments. As part of these design reviews, Dr. Medhekar reviews the detailed process designs, including process drawings such as P&IDs, PFDs, MEBs, Plant 3D model layouts, control-building locations, Instrumentation and Control drawings etc. Dr. Medhekar has also performed over 20+ Site Audits/PHSER reviews during the construction/commissioning stages of various international projects. In this context, he visits the project sites and conducts field site-walk downs with the Construction and Commissioning personnel, reviews the Punch List items, discusses pending project action items and performs Project Audits through PHSER reviews.

Dr. Medhekar also uses his expertise as a chemical engineer in the investigation and prevention of accidents, with particular emphasis on safety and risk. He provides consulting services to the chemical and petrochemical process industries (LNG/NG and Refinery sectors), specializing in the safety/risk-based evaluation/investigation of process failures, such as process upsets/explosion/fire incidents, at chemical processing and petroleum refining facilities. Dr. Medhekar's projects have involved a wide range of equipment including chemical reactors and separation systems; pressure vessels, piping, pumps and compressors; furnaces and heat exchangers; railcars and tanker trucks; and pressure relief valves and emergency relief systems.

Prior to joining Exponent, Dr. Medhekar held a variety of consulting and engineering positions with companies that include PLG, Inc. in Newport Beach, California; the Center for Risk Studies and Safety in Santa Barbara, California; Indian Oil Refinery in Baroda, India; and Union Carbide in Thane, India.

Academic Credentials & Professional Honors

Ph.D., Chemical Engineering, University of California, Santa Barbara, 1991

M.S., Chemical Engineering, University of California, Santa Barbara, 1988

B.Tech., Chemical Engineering, Indian Institute of Technology, New Delhi, 1984

Outstanding Achievement Award, PLG, Inc.

UC Regents Scholarship

Tata Endowment Scholarship

Aryabhata Science Talent Award

Ramanujam Math Talent Award

Best Paper Award, Society of Plastics Engineers, Inc.

Licenses and Certifications

Professional Engineer Chemical, California, #6087

40-Hour Hazardous Waste Operation and Emergency Response Certification (HAZWOPER)

ASQ Certified Reliability Engineer (CRE)

Certified Functional Safety Expert (CFSE)

Professional Affiliations

American Institute of Chemical Engineers (member)

Southern California Society for Risk Analysis (Councilor)

Computational Project, NSF Supercomputer, San Diego, California (Principal Investigator)

Graduate Student Association, UCSB (Administrative Vice President)

Chemical Engineering Society, IIT, New Delhi, India (President)

Publications

Medhekar, SR, "Safety Instrumented Systems for Process Safety", Chemistry, Process Design, and Safety for the Nitration Industry; ACS Symposium Series; American Chemical Society: Washington, DC, 2013.

Roy C, Fessler J, Medhekar SR. Managing post-production change, materials and processes for medical devices conference. St. Paul, MN, August 25-27, 2004.

Medhekar SR, Caligiuri RD, Moalli J. Practical risk analysis as a tool for minimizing plastic product failures. Proceedings, Society of Plastics Engineers, ANTEC 2000.

Medhekar SR, Bley DC, Gekler WC. Frequency estimates for transport-related hydrofluoric and sulfuric

acid release scenarios. Process Safety Progress 1993; 12(3), July.

Medhekar SR, Bley DC, Gekler WC. Prediction of vessel and piping failure rates in chemical process plants using the Thomas Model. Process Safety Progress 1993; 12(2), April.

Medhekar SR, Amarasooriya WH, Theofanous TG. Integrated analysis of steam explosions. Proceedings, 4th International Topical Meeting on Nuclear Reactor Thermal Hydraulics, pp. 319-326, Karlsruhe, Germany, October 10-13, 1989.

Medhekar SR, Abolfadl MA, Theofanous TG. Triggering and propagation of steam explosions. Proceedings, 25th ASME/AICHE National Heat Transfer Conference, pp. 244-251, Houston, TX, July 24-27, 1988.

Presentations

Medhekar SR, Hart R, "Estimated Maximum Loss (EML) and Probable Maximum Loss (PML) for Cheniere Energy: CCLNG and SPLNG sites, Huston, Texas, January 21, 2019.

Medhekar SR, "HAZOP Leader Training course", Multiple training courses for 100+ HAZOP leaders in various locations within US and Asia, 2011-2014.

Medhekar SR, "Safety Instrumented Systems for Process Safety", Spring ACS Meeting in San Diego, California, March 25 to 29, 2012.

Medhekar SR, Caliguiri R. Complex reliability investigations. Presented at Lyondell 2005 Worldwide Reliability Forum, Channelview, TX, February 28-March 2, 2005.

Medhekar SR. MEMS reliability — Issues and characterization. Presented at the 2002 Microelectronics Reliability and Qualification Workshop, December 3, 2002.

Medhekar SR, Roy C. High pressure fab-tools: Identifying and managing risks. Presented at the High Pressure Workshop, Austin, TX, October 16, 2002.

Medhekar SR, Lormon J. Identifying and managing risk under OSHA and the Clean Air Act. Presented at the Ridgehaven Conference Center, Sponsored by City of San Diego Department of Environmental Services, San Diego Unified Port District, County of San Diego, Dept of Environmental Health, San Diego, CA, May 3, 2002.

Medhekar SR. Chemical and petrochemical facilities risk assessment. Presented at UCI Extension Course, Irvine, CA, May 13, 1996.

Medhekar SR, Marston T, Gekler WC, Kenyon R. Improving refinery operation with a Tenets of Operation program. Presented at American Institute of Chemical Engineers, 25th One-Day Meeting, Anaheim, CA, April 30, 1996.

Medhekar SR, Kim Y, Dykes RA. PSM Seminar. Presented to Pohang Steel and Iron Company, Seoul, Korea, March 5, 1996.

Medhekar SR, Gekler WC. Risk-based pipeline rehabilitation and maintenance projects. Presented to Pipeline Regulatory Compliance Group, Bakersfield, CA, September 14, 1995.

Medhekar SR, Dykes RA, Landman RA, Lopez C. Afloat preposition ship lighting preliminary hazards analysis. Presented at the 13th International System Safety Society Conference, San Jose, CA, July 14, 1995.

Medhekar SR, Hou HM. HAZOP leader training for process hazard analysis. Presented at Kaohsiung,

Taiwan, April 17-19, 1995.

Medhekar SR. Risk-based pipeline rehabilitation and maintenance projects. Presented at AIChE 24th One Day Technical Meeting, Anaheim, CA, November 9, 1994.

Mikschl TJ, Medhekar SR, Roy CM. RISKMANÒ and QCRR software training seminar. Presented to Korea Gas Corporation, Seoul, Korea, August 16-19, 1994.

Medhekar SR. Risk-based technical specifications at South Texas Project — Insights for future applications. Presented to Korea Atomic Energy Research Institute, Seoul, Korea, August 1994.

Medhekar SR, Gekler WC. Fault Tree analysis. Presented to Unocal Corporation, Los Angeles, CA, June 30, 1994.

Medhekar SR, Kindinger JP, MacFarlane DR. Source term analysis for high level waste storage accidents. Presented at PSAM II, San Diego, CA, March 20-25, 1994.

Medhekar SR, Gekler WC. Chemical process risk assessment. Presented at PSAM II Short Course, San Diego, CA, March 20-25, 1994.

Medhekar SR, Moncarz P. Decision analysis for planning, development, and siting of petrochemical facilities. Presented to Menlo Park, CA, September 17, 1993.

Medhekar SR, Smith MJ, Gekler WC. MMM Sakhalin project offshore pipeline configuration selection preliminary risk assessment. Presented to MMM Project Team, Houston, TX, June 15, 1992.

Medhekar SR, Kaplan S. Bayesian uncertainty analysis for finite populations. Presented at the Society for Risk Analysis 1991 Annual Meeting, Baltimore, MD, December 8-11, 1991.

Medhekar SR, Amarasooriya WH, Saito M, Theofanous TG. Steam explosions a transient three fluid model. Presented at International Colloquium on the Dynamics of Explosions and Reactive Systems, MI, July 23-28, 1989.

Reports

Medhekar SR, Commissioning Stage PHSER review, New Water Center project in North Kuwait, prepared for GS Engineering, April 2018.

Medhekar SR, KNPC LPG Train-4 Project Modifications Mina Al-Ahmadi Refinery Kuwait, prepared for Daelim, April 2018

Medhekar SR, HAZOP studies for Units 5, 29, 107, 138, 144, Clean Fuels Project, KNPC, prepared for GS Engineering, April 2018

Medhekar SR, Chilin D, Carnahan R and Gibbs Jonathan, Root Cause Evaluation of Steam Turbine Damage, prepared for a confidential client, April 2018

Medhekar SR and Arora A, Li-Ion Battery Pack Manufacturing Process review, prepared for confidential client, May 2018.

Medhekar SR, Sipe J, Jokar A, Chilin D, Risk Assessment of Indoor Gas Meter Sets, prepared for confidential client, November 2018.

Medhekar SR, Hazard and Operability Study for Unit 150, KNPC's Clean Fuel Projects, prepared for JGC,

February 2018.

Medhekar SR, Preliminary Hazards Analysis (PHA) Report for the Installation of Tank and Pump System (TPS) Units at FEMA Sites, prepared for IBTS, September 2017

Medhekar SR, PHSER Stage 4: Construction Stage HSE Review for NWC in North Kuwait, prepared for GS Engineering, August 2017.

Medhekar SR, Custody Transfer Metering System HAZOP, KNPC Clean Fuels Project, prepared for GS Engineering, March 2017.

Chilin D, Medhekar SR. Fire and Gas System Safety Integrity Level (SIL) Verification Study Report for Satah Al Razboot (SARB) Field Development Project - Package 4 EPC Work. Prepared for Hyundai Engineering & Construction, September 21, 2016.

Medhekar SR. Alarm Management and Hazard (AMHAZ) Study for Satah Al Razboot (SARB) Field Development Project - Package 4 EPC Work. Prepared for Hyundai Engineering & Construction, June 27, 2016.

Chilin D, Medhekar SR. Quantitative Risk Assessment (QRA) for KOC Elevated Substations (ESS Project). Prepared for SK Engineering & Construction, June 2016.

Chilin D, Medhekar SR. Safety Integrity Level (SIL) Verification Study Report for HIPPS for Satah Al Razboot (SARB) Field Development Project - Package 4 EPC Work. Prepared for Hyundai Engineering & Construction, May 23, 2016.

Medhekar SR. Pre-Startup & Pre-Commissioning (Stage 5) HSE Reviews for KOC Project - Low Sulfur Fuel Oil (LSFO), Fuel Gas (FG) and Gas Oil Pipelines from Mina Al-Ahmadi to Sabiya and Doha Power Stations for Kuwait Oil Company (KOC). Prepared for Hyundai Engineering & Construction (HDEC), January 2016.

Chilin D, Medhekar SR. Vendor HAZOP Study of Units 57/97/160/161/275/151/46 for KNPC's Clean Fuels Project (CFP). (Multiple reports) Prepared for SK Engineering & Construction, January 2016.

Chilin D, Medhekar SR. Safety Requirements Specification (SRS) for SKEC MGC Revamp Project. Prepared for SK Engineering & Construction, December 2015.

Chilin D, Medhekar SR. Re-HAZOP Study of Unit 183 for KNPC's Clean Fuels Project (CFP). Prepared for JGC Corporation, December 2015.

Medhekar SR. PHSER Stage 4: Construction Stage Project HSE Review (PHSER) for KOC WARA Pressure Maintenance Project. Prepared for GS Engineering & Construction, October 2015.

Arora A, Medhekar SR, Bak W. Risk Assessment of Tranquility Lithium-ion Energy Storage System. Prepared for PG&E Energy Procurement, September 2015.

Cho HC, Chilin D, Medhekar SR. Vendor HAZOP Study of Units 129, 141, 150, 166, 175 & 176 Chemical Injection Packages for KNPC's Clean Fuels Project (CFP). Prepared for JGC Corporation, July 2015.

Cho HC, Chilin D, Medhekar SR. Vendor HAZOP Study of Unit 176 Temperature Control Package for KNPC's Clean Fuels Project (CFP). Prepared for JGC Corporation, July 2015.

Chilin D, Medhekar SR. Vendor HAZOP Study of Unit 135 Reactor Charge Heater for KNPC's Clean Fuels Project (CFP). Prepared for GS Engineering & Construction, July 2015.

Cho HC, Chilin D, Medhekar SR. Vendor HAZOP Study of Unit 141 Recycle Gas Compressor Package

for KNPC's Clean Fuels Project (CFP). Prepared for JGC Corporation, July 2015.

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Medhekar SR. Register of Safety Related Devices for SKEC KOC Elevated Substations (ESS Project). Prepared for SK Engineering & Construction, June 2015.

Cho HC, Chilin D, Medhekar SR. Vendor HAZOP Study of Unit 141 Atmospheric Fractionator Feed Furnace for KNPC's Clean Fuels Project (CFP). Prepared for JGC Corporation, May 2015.

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Cho HC, Chilin D, Medhekar SR. Vendor HAZOP Study of Unit 171 Nitrogen Separation Package for KNPC's Clean Fuels Project (CFP). Prepared for JGC Corporation, May 2015.

Cho HC, Chilin D, Medhekar SR. Vendor HAZOP Study of Unit 175 Side Steam Filter Package/Unit 171 Water System for KNPC's Clean Fuels Project (CFP). Prepared for JGC Corporation, May 2015.

Medhekar SR. Pre-Startup & Pre-Commissioning (Stage 5) Project HSE Review for SKEC KOC's ESS Project. Prepared for SK Engineering & Construction, May 2015.

Medhekar SR. Vendor HAZOP Study of Unit 141 Feed Filter Package for KNPC's Clean Fuels Project (CFP). Prepared for JGC Corporation, April 2015.

Medhekar SR. Vendor HAZOP Study of Unit 141 H2 Membrane Package for KNPC's Clean Fuels Project (CFP). Prepared for JGC Corporation, April 2015.

Medhekar SR. Vendor HAZOP Study of Unit 141 H2 PSA Package for KNPC's Clean Fuels Project (CFP). Prepared for JGC Corporation, April 2015.

Chilin D, Medhekar SR. Vendor HAZOP Study of Utility Boilers in Unit 129 (Steam System) for KNPC's Clean Fuels Project (CFP). Prepared for JGC Corporation, April 2015.

Medhekar SR. Unit 183 Additional HAZOP for KNPC's Clean Fuels Project (CFP). Prepared for JGC Corporation, April 2015.

Medhekar SR. Vendor HAZOP Study of Unit 183 Fired Heater Package for KNPC's Clean Fuels Project (CFP). Prepared for JGC Corporation, April 2015.

Medhekar SR. Vendor HAZOP Study of Unit 183 Liquid Ring Compressor Package for KNPC's Clean Fuels Project (CFP). Prepared for JGC Corporation, April 2015.

Chilin D, Medhekar SR. Construction (Stage 4) Project HSE Review for SKEC KOC's ESS Project. Prepared for SK Engineering & Construction, March 2015.

Medhekar SR. Detailed Design HAZOP Study of Unit 141 (ARDS Unit) for KNPC's Clean Fuels Project (CFP). Prepared for JGC Corporation, February 2015.

Medhekar SR. Vendor HAZOP Report for Satah Al Razboot (SARB) Field Development Project - Package 4 EPC Work. Prepared for Hyundai Engineering & Construction, December 2014.

Medhekar SR. EDG Package Hazard and Operability (HAZOP) Study for Daelim KOC Telemetry Project. Prepared for Daelim Engineering & Construction, October 2014.

Chilin D, Medhekar SR. HP/LP Flare Radiation Study for SKEC MGC Revamp Project. Prepared for SK Engineering & Construction, August 2014.

Ruiz L, Chilin D, Medhekar SR. Fire Explosion Risk Assessment (FERA) for SKEC MGC Revamp Project. Prepared for SK Engineering & Construction, August 2014.

Chilin D, Medhekar SR. Vendor Package Safety Integrity Level (SIL) & Layers of Protection Analysis (LOPA) for Satah Al Razboot (SARB) Field Development Project - Package 4 EPC Work. Prepared for Hyundai Engineering & Construction, August 6, 2014.

Medhekar SR. Pre-Startup & Pre-Commissioning (Stage 5) Project HSE Review (PHSER) for KOC WARA Pressure Maintenance Project. Prepared for GS Engineering & Construction, July 2014.

Ruiz L, Chilin D, Medhekar SR. Quantitative Risk Assessment (QRA) for Daelim KOC Telemetry Project - Revision 3. Prepared for Daelim Engineering & Construction, July 2014.

Chilin D, Medhekar SR. Hazard and Operability (HAZOP) and Safety Objective Analysis (SOA) Study for SKEC MGC Revamp Project. Prepared for SK Engineering and Construction, May 2014.

Chilin D, Medhekar SR. Additional Pre-Start-up Hazard and Operability (HAZOP) Study (Part 2) for Daewoo RRE4 Project. Prepared for Daewoo Engineering & Construction, May 2014.

Chilin D, Medhekar SR. Pre-Start-up Hazard and Operability (HAZOP) Study for Daewoo RRE4 Project. Prepared for Daewoo Engineering & Construction, May 2014.

Park HM, Medhekar SR. ENI-Iraq Zubair Oil Field Development Project HAZOP Report - Rafidiyah New DGS - DGS South. Prepared for Daewoo Engineering & Construction, May 11, 2014.

Medhekar SR. Pre-Start-up Hazard and Operability (HAZOP) Study for GS RRE2 Project. Prepared for GS Engineering & Construction, April 2014.

Barrera C, Medhekar SR. Construction Stage (Stage 4) Project HSE Review for Daelim KOC Telemetry Project. Prepared for Daelim Engineering & Construction, April 2014.

Ruiz L, Medhekar SR. Fire and Explosion Risk Assessment (FERA) KOC Elevated Substations (ESS Project). Prepared for SK Engineering & Construction, March 2014.

Barrera C, Medhekar SR. Meter Run Hazard and Operability (HAZOP) Study for Daelim KOC Telemetry Project. Prepared for Daelim Engineering & Construction, March 2014.

Barrera C, Medhekar SR. Flare Package Hazard and Operability (HAZOP) Study for Daelim KOC Telemetry Project. Prepared for Daelim Engineering & Construction, February 2014.

Barrera C, Medhekar SR. Vendor Package Hazard and Operability (HAZOP) Study for SKEC KOC's ESS

Project. Prepared for SK Engineering & Construction, February 2014.

Barrera C, Medhekar SR. Detailed Engineering (Stage 3) Project HSE Review for SKEC KOC's ESS Project. Prepared for SK Engineering & Construction, January 2014.

Medhekar SR. SIL Review Report for Daelim KOC Telemetry Project. Prepared for Daelim Engineering & Construction, November 2013.

Medhekar SR. QRA Methodology for Daelim KOC Telemetry Project. Prepared for Daelim Engineering & Construction, December 2013.

Ruiz L, Medhekar SR. Building Risk Assessment for KOC Elevated Substations (ESS Project). Prepared for SK Engineering & Construction, November 2013.

Ruiz L, Fessler J, Chilin D, Medhekar SR. Building Risk Assessment for ERC Refining Project at Mostorod, Egypt. Prepared for GS Engineering & Construction, October 2013.

Ruiz L, Fessler J, Medhekar SR. Reliability Availability and Maintainability (RAM) Study for WARA Pressure Maintenance Project. Prepared for GS Engineering & Construction, July 2013.

Medhekar SR. HAZOP Study for InterGen Altamira Compression Station Project. Prepared for Samsung Engineering & Construction Co. Ltd., June 2013.

Medhekar SR. Detailed Engineering (Stage 3) Project HSE Review for Daelim KOC Telemetry Project. Prepared for Daelim Engineering & Construction, May 2013.

Medhekar SR. HAZOP Study for Rabigh Phase II Petrochemical Project: UO1. Prepared for GS Engineering & Construction, January 2013.

Medhekar SR. Vendor Hazard and Operability Study for GS KNPC NLTF Project. Prepared for GS Engineering & Construction, January 2013.

Medhekar SR. Vendor Package Hazard and Operability (HAZOP) Study for GS KOC WARA Pressure Maintenance Project. Prepared for GS Engineering & Construction, December 2012.

Medhekar SR. SIL Determination Study for SKEC RRE Project HMU Feed Modification & Vendor Packages. Prepared for SK Engineering & Construction, October 2012.

Medhekar SR. Hazard and Operability Study for SKEC RRE Project HMU Feed Modification & Vendor Packages. Prepared for SK Engineering & Construction, October 2012.

Medhekar SR. SIL Verification Report - Utilities and Offsite and 1-Butene (Unit 48) Packages. Prepared for Hyundai Engineering & Construction, July 2012.

Fessler J, Medhekar SR. SIL Verification Study for Borouge 3 Project: Vendor Package. Prepared for Hyundai Engineering and Construction, July 2012.

Medhekar SR. H2 Make-up Compressor Vendor Package HAZOP for Deep Conversion Project, Puerto de la Cruze, Venezuela. Prepared for Hyundai Engineering Company, April 2012.

Medhekar SR. PHSER Stage 2: Basic Design Project HSE Review (Before Tendering Out) for KOC Project - EW Treatment and Injection (North Kuwait) Project. Prepared for WorleyParsons, March 2012.

Medhekar SR. SIL Determination Study for Saudi Aramco Shaybah Package 3: Power Generation & HRU Project. Prepared for Samsung Engineering & Construction Co. Ltd., November 2011.

Medhekar SR. Detailed Design HAZOP Study of KNPC LPG Train-4 Project Mina Al-Ahmadi Refinery Kuwait. Prepared for Daelim Industrial Co., Ltd., November 2011.

Medhekar SR. Main Process HAZOP Study for Saudi Aramco Shaybah Package 1: Inlet and Gas Treatment Project. Prepared for Samsung Engineering & Construction Co. Ltd., October 2011.

Medhekar SR. Vendor HAZOP Study for Saudi Aramco Shaybah Package 1: Inlet and Gas Treatment Project. Prepared for Samsung Engineering & Construction Co. Ltd., October 2011.

Medhekar SR. Vendor HAZOP Study of KNPC LPG Train-4 Project Mina Al-Ahmadi Refinery Kuwait. Prepared for Daelim Industrial Co., Ltd., September 2011.

Eby D, Medhekar SR. CFD Modeling to Estimate Overpressure at the Emergency Generator Building with the KNPC LPG-4 Facility. Prepared for Daelim Industrial Co., Ltd., August 2011.

Cooper M, Medhekar SR. HAZOP Study Report for Micron's Disilane Process. Prepared for Micron Technology, July 2011.

Medhekar SR. Combined Detailed Engineering (Stage 3) and Pre-Construction (Stage 4) HSE Reviews for KOC Project - Low Sulfur Fuel Oil (LSFO), Fuel Gas (FG) and Gas Oil Pipelines from Mina Al-Ahmadi to Sabiya and Doha Power Stations for Kuwait Oil Company (KOC). Prepared for Hyundai Engineering & Construction (HDEC), July 2011.

Medhekar SR, Fessler J. "Hazard Analysis & Fault Tree Analysis of Confidential Client Refrigeration System", March 2011.

Medhekar SR. Corning's Shizuoka Plant Site Visit Report (PSM Review and Hazards Analysis). Prepared for Corning, Inc., January 2011.

Sire B, Saraf S, Medhekar SR. Risk Assessment of Vycon Direct Connect Energy Storage Flywheel System. Prepared for Vycon Inc., December 2010.

Medhekar SR. HAZOP Study Report for Saudi Aramco Shaybah NGL Recovery Project (Project Proposal Phase). Prepared for KBR, October 2011.

Saraf S, Medhekar SR. ecoFridge LN2 Trailer Safety Assessment. Prepared for ecoFridge and Safeway Inc., July 2010.

Saraf S, Medhekar SR. Preliminary Risk Assessment for Planned ERC Refining Project at Mostorod, Egypt. Prepared for GS Engineering & Construction, May 2010.

Medhekar SR. Pre-commissioning Stage OHSE Review for THPP Project. Prepared for SK Engineering & Construction, October 2009.

Medhekar SR. Construction Stage OHSE Review for THPP Project. Prepared for SK Engineering & Construction, July 2009.

Clayton D, Medhekar SR. Hazard and Operability Study for Aluminizing Arc Spray Operations, Emerson Climate Technologies. Prepared for Emerson Climate Technologies, May 2009.

Medhekar SR. Stage 4 and Stage 5 Project HSE Reviews for Daelim/KOC Project - Replacement of 9 Crude Oil Filling Lines. Prepared for Daelim Industrial Co., Ltd., November 2008.

Saraf S, Medhekar SR. Quantitative Risk Assessment (QRA) for Daelim/KOC Project - Replacement of 9 Crude Oil Filling Lines. Prepared for Daelim Industrial Co., Ltd., March 17, 2008.

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Medhekar SR. Combined Pre-Sanction and Pre-Construction Stage HSE Reviews for Daelim/KOC Project - Replacement of 9 Crude Oil Filling Lines. Prepared for Daelim Industrial Co., Ltd., December 14, 2007.

Saraf S, Medhekar SR, Reza A, Dillon S, Lieberman D. BP Whiting Refinery — RGP/PGP Storage Area Gap Analysis. Prepared for BP Products America Inc., Whiting Business Unit, November 30, 2007.

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Medhekar SR, Kemal A, Wei W. Failure Modes and Effects Analysis and Fault Tree Analysis for P&G Soloist Air Fresheners (Versions V3, KH & WE). Prepared for Proctor & Gamble, August 7, 2007.

Saraj S, Medhekar SR. VRAD LiMP Battery Risk Analysis. Prepared for AT&T Services, Inc., July 6, 2007.

Medhekar SR. KGC-SE-2110-002 Hazard and Operability Study for KHURAI Gas Plant. Prepared for Foster Wheeler and Hyundai Engineering & Construction, April 4, 2007.

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Roy C, Medhekar SR, Fessler J, Belanger J. Quantitative Risk Assessment for Laffan Refinery Project, Rev. 1. Prepared for GS Engineering & Construction, October 19, 2006.

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Roy C, Fessler J, Medhekar SR. Reliability Availability and Maintainability (RAM) study for Laffan Refinery. Prepared for GS Engineering & Construction, September 22, 2006.

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Medhekar SR. Fault Tree Analysis of HASBRO Nitro XRC Vehicles. Prepared for Adler Pollock & Sheehan P.C., July 24, 2006.

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Roy C, Fessler J, Medhekar SR. Tangguh LNG Project Availability Study. Prepared for JGC Corporation, July 4, 2006.

Huntley-Fenner G, Medhekar SR. Packaging Design Review and Safety Analysis of ToPP Test Market Package Design. Prepared for Chrysalis Technologies (a division of Philip Morris USA), May 21, 2006.

Medhekar SR, Fessler J, Roy C, Yalla S. Failure Modes and Effects Analysis and Fault Tree Analysis for Hamilton Beach/Proctor-Silex TrueAir 4530 & 4531 Odor Eliminator Products. Prepared for Hamilton Beach/Proctor-Silex, May 11, 2006.

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Medhekar SR, Du Y. Auditing Potential Aluminum Electrolytic Capacitor Supplier - Nippon Chemi-Con. September 2005.

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Medhekar SR, Fessler J. Failure Modes and Effects Analysis and Fault Tree Analysis for Hair Removal System. Prepared for Proctor & Gamble, June 2005.

Swart J, Medhekar SR, Arora A, Roy C, Pound B. Motorola Set-top Box Analysis. Prepared for Motorola, Inc. Connected Home Solutions, May 20, 2005.

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Medhekar SR, Crichton C. Nursery Supplies Incident Investigation. Prepared for St. Paul Travelers, February 14, 2005.

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