

## List of HAZOPs with Karl Kolmetz

Location	Year	Unit	Role
Basis Refinery, Houston Texas	1993	Sulphur Unit	Process Engineer
Basis Refinery, Houston Texas	1993	Asphalt Unit	Process Engineer
Westlake Petrochemicals, Sulphur Louisiana	1997	Tank Farm, Rail Car Loading Area	Project Manager
Westlake Petrochemicals, Sulphur Louisiana	1998	Ethylene Unit	Process Engineer
Titan Petrochemical, Johor Malaysia	2001	Ethylene Unit	Technical Manager
Westlake Petrochemicals, Sulphur Louisiana	2003	Ethylene Unit	Process Engineer
Idemitsu, Johor Malaysia	2006	Distillation System	Engineering Director (Facilitator)
BST, Rayon, Thailand	2007	Distillation System	Engineering Director (Facilitator)
Titan Petrochemicals, Johor, Malaysia	2007	Ethylene Unit	Consultant
Chandra Asri, Celigon Indonesia	2008	Ethylene Unit	VP Technology
JG Summit, Batangas Philippines	2011	Ethylene Unit	Assistant Project Manager
Dialog Engineering, Kuala Lumpur, Malaysia	2012	Tank Farm	Technical Manager (Facilitator)
Technip, Houston Texas	2013	Ammonia Unit	Commissioning Manager
Indorama, Sulphur Louisiana	2016	Ethylene Unit	Commissioning Manager (Facilitator)
Numerous small HAZOPs for MOC	1993 to 2016		Facilitator