

Pipelines Unit of Oil and Gas Center Management Centre

Standards, Feasibility, Design, Construction, Commissioning, Operation, Monitoring, Testing and Maintenance

5 Days (1 Week) Training Programs List

Program Code	Program Name (Click to Access Website Brochure with Current Dates)	Program Content Summary
CAD7425	Piping and Mechanical Drafting	This program provides a detailed understanding of Piping and Mechanical Drafting Skills, Methods & Management. The program will also provide an overview of All other CAD Mechanical Productivity & Quality Assurance techniques, After the program the participant will become more productive and accurate in the performance of his CAD Piping & Mechanical Drafting Work. He will understand the step by step process to produce quality drawings and manage the Piping & Mechanical Drafting Process., Piping & Mechanical Drafting Problems, Piping & Mechanical Drafting Issues for Customers, What do Piping & Mechanical Drafting Customers Require from the Drawing?, Different Drafting Tools & Methodologies, Standardization of Drawings, Implementing Drawing Standardization, Auditing Drawing Standardization, Plot Plan, Piping Racks, Plant Piping, Understanding Upstream Process Equipment, Process Equipment Piping Detailing Requirements, As Built Drawings, Documenting the Drafting Process, Quality Assured System for Piping & Mechanical Drafting, Program Recommendations
PCM6215	Corrosion Management in Underground Pipelines in the Middle East	Under Revision. Please see www.eurotraining.com/plist/psumm/pipelines-training-summ-1w.pdf or email: regn@eurotraining.com
PDF7025	Pipeline Corrosion Control & Management	This program provides you a complete view of the Corrosion Technology and latest developments in corrosion inspection and protection. Cathodic Protection Systems, Oil & Gas Pipelines, Separation & Field Treatment Facilities, Corrosion Problems on Pipelines, Separation & Field Treatment Facilities, Corrosion Processes , Corrosion Control Technologies, Implementation Issues on Pipelines, Separation & Field Treatment Facilities, Industry Standards, Corrosion Monitoring and Control on Pipelines, Separation & Field Treatment Facilities, Cathodic Protection Systems, Corrosion Control Planning on Pipelines, Separation & Field Treatment Facilities, Designing Out Corrosion Pipelines, Separation & Field Treatment Facilities, Future Trends, Case Studies, Program Recommendations

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PDF7035	Pipeline Instrumentation & Control Technology & Management	This unique program provides the participant a multi-discipline understanding of Control and Instrumentation in Oil Production and Field Processing Facilities - Technologies, Work Methods, Safety Issues, Planning and Management., You will learn about the Control and Instrumentation Good and Best Industry Practices., The Issues & Problems, Instrumentation Technologies, Control Technologies, Instrumentation & Control Industry Standards , Instrumentation & Control Processes, Instrumentation & Control Procedures, Instrumentation & Control Calibration, Instrumentation & Control Maintenance Planning , Instrumentation & Control Inspection , Instrumentation & Control Safety Issues, Implementing Improvements and New Technologies, Quality Assurance System for Instrumentation & Control, Technology Trends, Strategic Aspects of Instrumentation & Control Activities, Program Recommendations
PDF7095	Environmental Management on Pipeline Facilities	This program provides the participant a multi-discipline understanding of Environmental Management in Oil Production, Refining and Down-Stream Industries - Technologies, Work Methods, Safety Issues, Planning and Management., You will learn about the Environmental Management Good and Best Industry Practices., Usual Issues and Concerns, Impact of Pipelines & Upstream Facilities on the Environment, Environmental Risks on Pipelines & Upstream Facilities, The Environmental Technology? Pipelines & Upstream Facilities, Pipelines & Upstream Facilities Industry Standards, Upstream Processes and their Environmental Aspects, Facilities Planning Issues - Pipelines & Upstream, Long Term Aspects? Pipelines & Upstream Facilities, Implementing System for Improvements , Environmental Quality Assurance System, Case Studies, Program Recommendations
PLC1005	Oil & Gas Pipelines Technology and Management	The program provides the Non-Pipeline Professional a good understanding of the Oil & Gas Pipeline Technologies and Methods so he can do his related job effectively. For the Pipeline Professional the Program Serves to Refresh Knowledge and Learn Coaching Skills and Strategy., This program intends to provide the participant a practical understanding of all aspects of the Oil & Gas Pipeline Business., Understanding Pipelines: Working; Components, Understanding Different Pipelines, Pipeline Technology, Detailed Understanding of: Oil Pipelines; Natural Gas Pipelines; Petrochemical Pipelines; LPG Pipelines; Offshore Pipelines, Pipeline Control Systems: Manual; SCADA, Pipeline Maintenance Tools & Techniques, Designing

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		Pipelines the Issues, Constructing Pipelines, Safety Issues and Regulations, Program Recommendations
PLC4005	Pipeline Construction & Maintenance Management Best Practices	This program provides the participant the range of practical skills required to Plan, Construct, Inspect & Manage Piping and Pipeline Projects and Existing Installations. This program will build capabilities in Developing Implementation Strategies, Preparing Detailed Construction Plan, Investigating & Implementing Planning Improvements and Building Knowledgebase for Construction Processes., Program content includes: Understanding Pipeline Projects, Construction Standards, Inspection Standards, Planning, Project Management of Pipelines, Quality Plans, Win-Win Dispute Negotiation and Settlement, Building Knowledge Base., Understanding Pipeline Projects, Standards, Metallurgy & Materials, Valves, Flanges & Fittings, Pipe Fabrication Technology, Pipe Construction & Installation Technologies, Pipelines Isolation & Start-up, Pipeline Maintenance Methods, Pipeline Inspection & QC , Acceptance checks / tests, In-service inspections, NDT (corrosion and wear), Laboratory tests and analysis , Testing for materials compatibility , Accelerated ageing, analysis and testing , Planning, Project Management of Pipelines, Construction Quality Plans, Operational Management of Pipelines, Program Recommendations
PLC40115	Slurry Transportation Piping Inspection, Maintenance, Repair and Integrity to ASME B31 Training Workshop	This program is designed to provide the participant a complete, comprehensive, simplified and practical understanding of ASME B31.11 Slurry Transportation Piping Code with reference to Existing Petroleum Process Piping Inspection, Maintenance, Repair and Integrity. , This program will build practical capabilities in Developing Implementation Strategies for Pipeline Inspection & Maintenance, Preparing Detailed Maintenance Plans, Investigating & Implementing Improvements and Building Knowledgebase for Inspection, Maintenance and Integrity Processes. Program covers Industry Practice ASME B31.11 Slurry Transportation Piping and includes Good and Best Practices in this Field. Included in the program are Strategies for Preventive, Corrective and Condition Based Maintenance., Understanding B31.11 Slurry Transportation Piping Code, Major Requirements of B31.11 Slurry Transportation Piping Code, Compliance Checklists for B31.11 Slurry Transportation Piping Code, Related Equipment & Facilities, Pipeline Inspection Methods, Pipeline Inspection Tools, Pipeline Periodic Inspection Checklists, Pipeline

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		Inspection on Incidents, Pipeline Preventive Maintenance, Pipeline Predictive Maintenance, Pipeline Corrective Maintenance, Pipeline Integrity, Pipeline Reliability, Pipeline Remaining Life Analysis, Program Recommendations
PLC40115	Industrial Plants & Marine Pipeline & Piping Inspection, Maintenance, Repair and Integrity	This program is designed to provide the participant a complete, comprehensive, simplified and practical understanding of ASME B31.1 Industrial Plants & Marine Code with reference to Existing Petroleum Process Piping Inspection, Maintenance, Repair and Integrity. , This program will build practical capabilities in Developing Implementation Strategies for Pipeline Inspection & Maintenance, y Preparing Detailed Maintenance Plans, Investigating & Implementing Improvements and Building Knowledgebase for Inspection, Maintenance and Integrity Processes. Program covers Industry Practice ASME B31.1 and includes Good and Best Practices in this Field. Included in the program are Strategies for Preventive, Corrective and Condition Based Maintenance., Industrial Plant Pipelines, Marine Pipelines, Understanding B31.1 Codes, Major Requirements of B31.1 Codes, Compliance Checklists for B31.1 Codes, Related Equipment & Facilities, Pipeline Inspection Methods, Pipeline Inspection Tools, Pipeline Periodic Inspection Checklists, Pipeline Inspection on Incidents, Pipeline Preventive Maintenance, Pipeline Predictive Maintenance, Pipeline Corrective Maintenance, Pipeline Integrity, Pipeline Reliability, Pipeline Remaining Life Analysis, Program Recommendations
PLC4015	Pipeline & Piping Integrity Management to ASME B31	Under Revision. Please see www.eurotraining.com/plist/psumm/pipelines-training-summ-1w.pdf or email: regn@eurotraining.com
PLC40125	Fuel Gas Piping Inspection, Maintenance, Repair and Integrity to ASME B31	This program is designed to provide the participant a complete, comprehensive, simplified and practical understanding of ASME B31.2 Fuel Gas Piping Code with reference to Existing Petroleum Process Piping Inspection, Maintenance, Repair and Integrity. , This program will build practical capabilities in Developing Implementation Strategies for Pipeline Inspection & Maintenance, Preparing Detailed Maintenance Plans, Investigating & Implementing Improvements and Building Knowledgebase for Inspection, Maintenance and Integrity Processes. Program covers Industry Practice B31.2 Fuel Gas Piping and

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		includes Good and Best Practices in this Field. Included in the program are Strategies for Preventive, Corrective and Condition Based Maintenance., Understanding B31.2 Fuel Gas Piping Code, Major Requirements of B31.2 Fuel Gas Piping Code, Compliance Checklists for B31.2 Fuel Gas Piping Code, Related Equipment & Facilities, Pipeline Inspection Methods, Pipeline Inspection Tools, Pipeline Periodic Inspection Checklists, Pipeline Inspection on Incidents, Pipeline Preventive Maintenance, Pipeline Predictive Maintenance, Pipeline Corrective Maintenance, Pipeline Integrity, Pipeline Reliability, Pipeline Remaining Life Analysis, Program Recommendations
PLC40135	Process Piping Inspection, Maintenance, Repair and Integrity to ASME B31	This program is designed to provide the participant a complete, comprehensive, simplified and practical understanding of ASME B31.3 Process Piping Code with reference to Existing Petroleum Process Piping Inspection, Maintenance, Repair and Integrity. , This program will build practical capabilities in Developing Implementation Strategies for Pipeline Inspection & Maintenance, Preparing Detailed Maintenance Plans, Investigating & Implementing Improvements and Building Knowledgebase for Inspection, Maintenance and Integrity Processes. Program covers Industry Practice ASME B31.3 Process Piping and includes Good and Best Practices in this Field. Included in the program are Strategies for Preventive, Corrective and Condition Based Maintenance., Understanding B31.3 Process Piping Code, Major Requirements of B31.3 Process Piping Code, Compliance Checklists for B31.3 Process Piping Code, Related Equipment & Facilities, Pipeline Inspection Methods, Pipeline Inspection Tools, Pipeline Periodic Inspection Checklists, Pipeline Inspection on Incidents, Pipeline Preventive Maintenance, Pipeline Predictive Maintenance, Pipeline Corrective Maintenance, Pipeline Integrity, Pipeline Reliability, Pipeline Remaining Life Analysis, Program Recommendations
PLC40145	Liquid Hydrocarbon Transportation Pipeline Inspection, Maintenance, Repair and Integrity Training Workshop	This program is designed to provide the participant a complete, comprehensive, simplified and practical understanding of ASME B31.4 Liquid Hydrocarbon Transportation Pipeline Code with reference to Existing Petroleum Process Piping Inspection, Maintenance, Repair and Integrity. , This program will build practical capabilities in Developing Implementation Strategies for Pipeline Inspection & Maintenance, Preparing Detailed Maintenance Plans, Investigating & Implementing

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		<p>Improvements and Building Knowledgebase for Inspection, Maintenance and Integrity Processes. Program covers Industry Practice ASME B31.4 Liquid Hydrocarbon Transportation Pipeline and includes Good and Best Practices in this Field. Included in the program are Strategies for Preventive, Corrective and Condition Based Maintenance., Understanding B31.4 Liquid Hydrocarbon Transportation Pipeline Code, Major Requirements of B31.4 Liquid Hydrocarbon Transportation Pipeline Code, Compliance Checklists for B31.4 Liquid Hydrocarbon Transportation Pipeline Code, Related Equipment & Facilities, Pipeline Inspection Methods, Pipeline Inspection Tools, Pipeline Periodic Inspection Checklists, Pipeline Inspection on Incidents, Pipeline Preventive Maintenance, Pipeline Predictive Maintenance, Pipeline Corrective Maintenance, Pipeline Integrity, Pipeline Reliability, Pipeline Remaining Life Analysis, Program Recommendations</p>
PLC40155	<p>Refrigeration Piping & Sub-Systems Inspection, Maintenance, Repair and Integrity Training Workshop</p>	<p>This program is designed to provide the participant a complete, comprehensive, simplified and practical understanding of ASME B31.5 Refrigeration Piping & Sub-Systems Code with reference to Existing Petroleum Process Piping Inspection, Maintenance, Repair and Integrity. , This program will build practical capabilities in Developing Implementation Strategies for Pipeline Inspection & Maintenance, y Preparing Detailed Maintenance Plans, Investigating & Implementing Improvements and Building Knowledgebase for Inspection, Maintenance and Integrity Processes. Program covers Industry Practice ASME B31.5 Refrigeration Piping & Sub-Systems and includes Good and Best Practices in this Field. Included in the program are Strategies for Preventive, Corrective and Condition Based Maintenance., Understanding B31.5 Refrigeration Piping & Sub-Systems Code, Major Requirements of B31.5 Refrigeration Piping & Sub-Systems Code, Compliance Checklists for B31.5 Refrigeration Piping & Sub-Systems Code, Related Equipment & Facilities, Pipeline Inspection Methods, Pipeline Inspection Tools, Pipeline Periodic Inspection Checklists, Pipeline Inspection on Incidents, Pipeline Preventive Maintenance, Pipeline Predictive Maintenance, Pipeline Corrective Maintenance, Pipeline Integrity, Pipeline Reliability, Pipeline Remaining Life Analysis, Program Recommendations</p>

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PLC40185	Gas Transmission & Distribution Piping Inspection, Maintenance, Repair and Integrity Training Workshop	<p>This program is designed to provide the participant a complete, comprehensive, simplified and practical understanding of ASME B31.8 Gas Transmission & Distribution Code with reference to Existing Petroleum Process Piping Inspection, Maintenance, Repair and Integrity. , This program will build practical capabilities in Developing Implementation Strategies for Pipeline Inspection & Maintenance, ý Preparing Detailed Maintenance Plans, Investigating & Implementing Improvements and Building Knowledgebase for Inspection, Maintenance and Integrity Processes. Program covers Industry Practice ASME B31.8 Gas Transmission & Distribution and includes Good and Best Practices in this Field. Included in the program are Strategies for Preventive, Corrective and Condition Based Maintenance., Understanding B31.8 Gas Transmission & Distribution Code, Major Requirements of B31.8 Gas Transmission & Distribution Code, Compliance Checklists for B31.8 Gas Transmission & Distribution Code, Related Equipment & Facilities, Pipeline Inspection Methods, Pipeline Inspection Tools, Pipeline Periodic Inspection Checklists, Pipeline Inspection on Incidents, Pipeline Preventive Maintenance, Pipeline Predictive Maintenance, Pipeline Corrective Maintenance, Pipeline Integrity, Pipeline Reliability, Pipeline Remaining Life Analysis, Program Recommendations</p>
PLC40195	Building Services Piping Inspection, Maintenance, Repair and Integrity Training Workshop	<p>This program is designed to provide the participant a complete, comprehensive, simplified and practical understanding of ASME B31.9 Building Services Piping Code with reference to Existing Petroleum Process Piping Inspection, Maintenance, Repair and Integrity. , This program will build practical capabilities in Developing Implementation Strategies for Pipeline Inspection & Maintenance, ý Preparing Detailed Maintenance Plans, Investigating & Implementing Improvements and Building Knowledgebase for Inspection, Maintenance and Integrity Processes. Program covers Industry Practice ASME B31.9 Building Services Piping and includes Good and Best Practices in this Field. Included in the program are Strategies for Preventive, Corrective and Condition Based Maintenance., Understanding B31.9 Building Services Piping Code, Major Requirements of B31.9 Building Services Piping Code, Compliance Checklists for B31.9 Building Services Piping Code, Related Equipment & Facilities, Pipeline Inspection Methods, Pipeline Inspection Tools, Pipeline Periodic Inspection Checklists, Pipeline Inspection on Incidents, Pipeline Preventive Maintenance, Pipeline Predictive Maintenance, Pipeline Corrective Maintenance, Pipeline</p>

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		Integrity, Pipeline Reliability, Pipeline Remaining Life Analysis, Program Recommendations
PLC40215	Industrial Plant & Marine Pipeline Design & Specification Training Workshop - Creating Excellence in Construction	This program is designed to provide the participant a comprehensive, simplified and practical understanding of ASME B31.1 Industrial Plant & Marine Pipeline Code with reference to Design & Upgradation of Existing Pipelines. , This program will build practical capabilities in Pipeline Design, Design Review, Investigating & Implementing Improvements and Building Knowledgebase. Program covers Industry Practice ASME B31.1 Industrial Plant & Marine Pipeline and includes Design Good and Best Practices. , Understanding Design Aspects of B31.1 Industrial Plant & Marine Pipeline Code, Major Requirements of B31.1 Industrial Plant & Marine Pipeline Code, Compliance Checklists for B31.1 Industrial Plant & Marine Pipeline Code, Design of Related Equipment & Facilities, Pipeline Design Methodology, Pipeline Design Review & Validation, Pipeline Requirements Analysis, Pipeline Environmental Analysis & Planning, Route Selection, Regulatory Aspects, Environmental Aspects, Right of Way Issues, Pipeline Alignment, Pipeline Specifications, Hydraulic Analysis, Designing Valve, Pumping and/or Compressor Stations, Designing Corrosion Protection, Designing Leak Detection, Deigning in Piggging & Inspections, QA System, QC System, Designing in Construction Aspects, Welding & NDT Requirements, As-Built Review, Program Recommendations
PLC40215	Slurry Transportation Pipeline Design & Specification Training Workshop	This program is designed to provide the participant a comprehensive, simplified and practical understanding of ASME B31.11 Slurry Transportation Pipeline Code with reference to Design & Upgradation of Existing Pipelines. , This program will build practical capabilities in Pipeline Design, Design Review, Investigating & Implementing Improvements and Building Knowledgebase. Program covers Industry Practice ASME B31.11 Slurry Transportation Pipeline and includes Design Good and Best Practices., Understanding Design Aspects of B31.11 Slurry Transportation Pipeline Code, Major Requirements of B31.11 Slurry Transportation Pipeline Code, Compliance Checklists for B31.11 Slurry Transportation Pipeline Code, Design of Related Equipment & Facilities, Pipeline Design Methodology, Pipeline Design Review & Validation, Pipeline Requirements Analysis, Pipeline Environmental Analysis & Planning, Route Selection, Regulatory Aspects, Environmental Aspects, Right of Way Issues, Pipeline

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		Alignment, Pipeline Specifications, Hydraulic Analysis, Designing Valve, Pumping and/or Compressor Stations, Designing Corrosion Protection, Designing Leak Detection, Designing in Pigging & Inspections, QA System, QC System, Designing in Construction Aspects, Welding & NDT Requirements, As-Built Review, Program Recommendations, , ,
PLC40225	Fuel Gas Piping Design & Specification Training Workshop	This program is designed to provide the participant a comprehensive, simplified and practical understanding of ASME B31.2 Fuel Gas Piping Code with reference to Design & Upgradation of Existing Pipelines. , This program will build practical capabilities in Pipeline Design, Design Review, Investigating & Implementing Improvements and Building Knowledge base. Program covers Industry Practice ASME B31.2 Fuel Gas Piping and includes Design Good and Best Practices. , Understanding Design Aspects of B31.2 Fuel Gas Piping Code, Major Requirements of B31.2 Fuel Gas Piping Code, Compliance Checklists for B31.2 Fuel Gas Piping Code, Design of Related Equipment & Facilities, Pipeline Design Methodology, Pipeline Design Review & Validation, Pipeline Requirements Analysis, Pipeline Environmental Analysis & Planning, Route Selection, Regulatory Aspects, Environmental Aspects, Right of Way Issues, Pipeline Alignment, Pipeline Specifications, Hydraulic Analysis, Designing Valve, Pumping and/or Compressor Stations, Designing Corrosion Protection, Designing Leak Detection, Designing in Pigging & Inspections, QA System, QC System, Designing in Construction Aspects, Welding & NDT Requirements, As-Built Review, Program Recommendations
PLC40235	Process Piping Design & Specification Training Workshop	This program is designed to provide the participant a comprehensive, simplified and practical understanding of ASME B31 Code with reference to Design & Upgradation of Existing Pipelines. , This program will build practical capabilities in Pipeline Design, Design Review, Investigating & Implementing Improvements and Building Knowledge base. Program covers Industry Practice ASME B31 and includes Design Good and Best Practices., Understanding Design Aspects of B31.3 Process Piping Code, Major Requirements of B31.3 Process Piping Code, Compliance Checklists for B31.3 Process Piping Code, Design of Related Equipment & Facilities, Pipeline Design Methodology, Pipeline Design Review & Validation, Pipeline Requirements Analysis, Pipeline Environmental Analysis & Planning, Route Selection, Regulatory Aspects, Environmental Aspects, Right of

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		Way Issues, Pipeline Alignment, Pipeline Specifications, Hydraulic Analysis, Designing Valve, Pumping and/or Compressor Stations, Designing Corrosion Protection, Designing Leak Detection, Designing in Pigging & Inspections, QA System, QC System, Designing in Construction Aspects, Welding & NDT Requirements, As-Built Review, Program Recommendations
PLC40245	Pipeline Design to B31 ASME Standards	This program is designed to provide the participant a comprehensive, simplified and practical understanding of ASME B31.4 Pipeline Transportation System Code with reference to Design & Upgradation of Existing Pipelines. , This program will build practical capabilities in Pipeline Design, Design Review, Investigating & Implementing Improvements and Building Knowledgebase. Program covers Industry Practice ASME B31.4 Pipeline Transportation System and includes Design Good and Best Practices., Understanding Design Aspects of B31.4 Code, Major Requirements of B31.4 Code, Compliance Checklists for B31.4 Code, Design of Related Equipment & Facilities, Pipeline Design Methodology, Pipeline Design Review & Validation, Pipeline Requirements Analysis, Pipeline Environmental Analysis & Planning, Route Selection, Regulatory Aspects, Environmental Aspects, Right of Way Issues, Pipeline Alignment, Pipeline Specifications, Hydraulic Analysis, Designing Valve, Pumping and/or Compressor Stations, Designing Corrosion Protection, Designing Leak Detection, Designing in Pigging & Inspections, QA System, QC System, Designing in Construction Aspects, Welding & NDT Requirements, As-Built Review, Program Recommendations
PLC40245	Pipeline Transportation System Design & Specification Training Workshop	This program is designed to provide the participant a comprehensive, simplified and practical understanding of ASME B31.4 Pipeline Transportation System Code with reference to Design & Upgradation of Existing Pipelines. , This program will build practical capabilities in Pipeline Design, Design Review, Investigating & Implementing Improvements and Building Knowledgebase. Program covers Industry Practice ASME B31.4 Pipeline Transportation System and includes Design Good and Best Practices. , Understanding Design Aspects of B31.4 Code, Major Requirements of B31.4 Code, Compliance Checklists for B31.4 Code, Design of Related Equipment & Facilities, Pipeline Design Methodology, Pipeline Design Review & Validation, Pipeline Requirements Analysis, Pipeline Environmental Analysis & Planning, Route Selection, Regulatory Aspects, Environmental

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		Aspects, Right of Way Issues, Pipeline Alignment, Pipeline Specifications, Hydraulic Analysis, Designing Valve, Pumping and/or Compressor Stations, Designing Corrosion Protection, Designing Leak Detection, Designing in Pigging & Inspections, QA System, QC System, Designing in Construction Aspects, Welding & NDT Requirements, As-Built Review, Program Recommendations
PLC40255	Refrigeration Piping & System Design & Specification Training Workshop	This program is designed to provide the participant a comprehensive, simplified and practical understanding of ASME B31.5 Refrigeration Piping & System Code with reference to Design & Upgradation of Existing Pipelines. , This program will build practical capabilities in Pipeline Design, Design Review, Investigating & Implementing Improvements and Building Knowledgebase. Program covers Industry Practice ASME B31.5 Refrigeration Piping & System and includes Design Good and Best Practices. , Understanding Design Aspects of B31.5 Refrigeration Piping & System Code, Major Requirements of B31.5 Refrigeration Piping & System Code, Compliance Checklists for B31.5 Refrigeration Piping & System Code, Design of Related Equipment & Facilities, Pipeline Design Methodology, Pipeline Design Review & Validation, Pipeline Requirements Analysis, Pipeline Environmental Analysis & Planning, Route Selection, Regulatory Aspects, Environmental Aspects, Right of Way Issues, Pipeline Alignment, Pipeline Specifications, Hydraulic Analysis, Designing Valve, Pumping and/or Compressor Stations, Designing Corrosion Protection, Designing Leak Detection, Designing in Pigging & Inspections, QA System, QC System, Designing in Construction Aspects, Welding & NDT Requirements, As-Built Review, Program Recommendations
PLC40285	Gas Transmission & Distribution Pipeline Design & Specification Training Workshop	This program is designed to provide the participant a comprehensive, simplified and practical understanding of ASME B31.8 Gas Transmission & Distribution Code with reference to Design & Upgradation of Existing Pipelines. , This program will build practical capabilities in Pipeline Design, Design Review, Investigating & Implementing Improvements and Building Knowledgebase. Program covers Industry Practice ASME B31.8 Gas Transmission & Distribution and includes Design Good and Best Practices. , Understanding Design Aspects of B31.8 Gas Transmission & Distribution Code, Major Requirements of B31.8 Gas Transmission & Distribution Code, Compliance Checklists for B31.8 Gas Transmission

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Program Code	Program Name (Click to Access Website Brochure with Current Dates)	Program Content Summary
		<p>& Distribution Code, Design of Related Equipment & Facilities, Pipeline Design Methodology, Pipeline Design Review & Validation, Pipeline Requirements Analysis, Pipeline Environmental Analysis & Planning, Route Selection, Regulatory Aspects, Environmental Aspects, Right of Way Issues, Pipeline Alignment, Pipeline Specifications, Hydraulic Analysis, Designing Valve, Pumping and/or Compressor Stations, Designing Corrosion Protection, Designing Leak Detection, Designing in Pigging & Inspections, QA System, QC System, Designing in Construction Aspects, Welding & NDT Requirements, As-Built Review, Program Recommendations</p>
PLC40295	<p>Building Services Pipeline Design & Specification Training Workshop</p>	<p>This program is designed to provide the participant a comprehensive, simplified and practical understanding of ASME B31.9 Building Services Pipeline Code with reference to Design & Upgradation of Existing Pipelines. , This program will build practical capabilities in Pipeline Design, Design Review, Investigating & Implementing Improvements and Building Knowledgebase. Program covers Industry Practice ASME B31.9 Building Services Pipeline and includes Design Good and Best Practices. , Understanding Design Aspects of B31.9 Building Services Pipeline Code, Major Requirements of B31.9 Building Services Pipeline Code, Compliance Checklists for B31.9 Building Services Pipeline Code, Design of Related Equipment & Facilities, Pipeline Design Methodology, Pipeline Design Review & Validation, Pipeline Requirements Analysis, Pipeline Environmental Analysis & Planning, Route Selection, Regulatory Aspects, Environmental Aspects, Right of Way Issues, Pipeline Alignment, Pipeline Specifications, Hydraulic Analysis, Designing Valve, Pumping and/or Compressor Stations, Designing Corrosion Protection, Designing Leak Detection, Designing in Pigging & Inspections, QA System, QC System, Designing in Construction Aspects, Welding & NDT Requirements, As-Built Review, Program Recommendations</p>
PLC4115	<p>Pipeline and Piping Inspection, Repair and Maintenance to ASME B31</p>	<p>This program is designed to provide the participant a complete, comprehensive, simplified and practical understanding of ASME B31 Code with reference to Existing Petroleum Process Piping Inspection, Maintenance, Repair and Integrity., This program is intended for Professionals involved in Pipeline Management, Maintenance-Planning, Operation, Repair and Maintenance., Understanding Pipeline Issues, Understanding Piping Issues, Understanding Design , Understanding Pipeline Construction, Corrosion: Understanding;</p>

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Pipelines Unit of Oil and Gas Center Management Centre

Standards, Feasibility, Design, Construction, Commissioning, Operation, Monitoring, Testing and Maintenance

5 Days (1 Week) Training Programs List

Program Code	Program Name (Click to Access Website Brochure with Current Dates)	Program Content Summary
		Monitoring; Protection; Control, Inspection Tools & Technologies, Monitoring, Pipeline Maintenance Technologies, Maintenance Processes, Developing Implementation Strategies for: Pipeline Monitoring; Pipeline Maintenance; Pipeline Management, Program Recommendations
PLC5005	Pipeline Planning & Design Best Practices	This program provides the participant the range of practical skills required to Plan and Implement a New Pipeline Project., This program will build capabilities in Developing Implementation Strategies, ý Preparing Detailed Plan, Investigating Feasibility and Building Knowledgebase for Future Pipeline Projects., Understanding Pipeline Projects, Standards, Metallurgy & Materials, Valves, Flanges & Fittings, Pipe Fabrication Technology, Pipe Construction & Installation Technologies, Pipeline Feasibility Study, Pipeline Route Selection, Pipeline Environmental Aspects & Permits, Regulations & Permits, Right of Way Issues, Design Drawings, Documents & Alignment Sheets, Designing for Corrosion Protection, Pipeline Contract Conditions and Project Risks, Pipeline Inspection & Testing Plans: Construction Quality; Leaks; Pigging; Hydrostatic Testing, Pipeline Commissioning Planning, Program Recommendations
PPS5215	Petroleum Pipeline System Management	Under Revision. Please see www.eurotraining.com/plist/psumm/pipelines-training-summ-1w.pdf or email: regn@eurotraining.com
PTN8835	Oil and Gas Pipeline Construction & Maintenance Technology and Management	This program covers the worldwide Good and Best Practices in Oil & Gas Pipeline Construction & Maintenance Technology & Management, Participants will be able to understand, inspect and manage Pipeline Construction and Maintenance Methodologies., Construction & Maintenance Technology, Work Methods & Management of Oil/Gas Pipelines, including, Oil & Gas Pipeline Technology, Oil & Gas Pipeline Methods, Oil & Gas Pipeline Standards, Oil & Gas Pipeline Project Formulation, Oil & Gas Pipeline Planning, Oil & Gas Pipeline Mobilization, Oil & Gas Pipeline Construction, Oil & Gas Pipeline Testing, Oil & Gas Pipeline Commissioning, Maintenance of Oil & Gas Pipelines, Environmental Management of Oil & Gas Pipelines, Program Recommendations

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PTU3805	Petroleum Transportation Technologies, Processes and Management	<p>This program will help you understand & update knowledge of the Technology, Planning, Risks and Management Aspects of Petroleum Transportation, Program is very useful for Oil & Gas Field Professionals, Planners, Supervisors, Auditors, Other Professionals, Managers and Management Analysts., The Issues, The Petroleum Transportation Vocabulary, Surface Transportation: Technologies; Methods Surface Transportation; Processes; Safety; Planning; Accounting; Auditing Surface Transportation; Management; Risk Management, Pipelines: Technologies; Methods; Technologies; Methods; Processes Pipelines; Safety; Planning Pipeline Operations; Accounting; Auditing; Management; Risk Management, Bulk Carriers: Technologies; Methods; Processes; Planning; Accounting; Auditing; Risk Management, LNG Transportation: Technologies; Methods; Processes; Safety; Planning; Accounting; Auditing; Management; Risk Management, Managing the Operations using: Quality Assured System; Good Management Practices; Best Practices, Performance Management: Key Performance Indicators; Trending; Benchmarking; Balanced Score Card, Processes to Create Leadership in Planning, Operation and Management Program Recommendations</p>
PTU5225	Reliable Petroleum Measurement in Field, Tank Farms & Marine Vessels	<p>This program will provide the participant Comprehensive Understanding of Oil & Gas Measurements Technologies, Metering Systems, Standards, Methods, Procedures, Calculations, Errors, Calibrations, proving etc? and Processes and their Management., Program covers oil & gas metering and measuring pipeline flows, tanks and shipping vessels. Program also covers sampling good practices., The Issues, Vocabulary, Technologies, Methods, Processes, Planning , Risk Identification, Risk Analysis, Risk Evaluation, Risk Treatment, Managing the Operations: Quality Assured System; Good Management Practices; Best Practices; Safety; Risk Management, Performance Management: Key Performance Indicators; Trending; Benchmarking; Balanced Score Card; Early Warning System, Outsourcing Contracts & their Administration, Processes to Create Leadership in Planning, Operation and Management, Industry Case Studies, Program Recommendations</p>

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QKM8245	Preparing & Operating a Pipeline Maintenance Knowledge Management System	Simplest definition of knowledge is - reusable work products. Knowledge includes the experience of leading organizations worldwide, your organization, the contracts and legal department and the employees., Knowledge management is a systematic approach to identifying, collecting, communicating, using and updating the reusable work products that apply to your pipeline maintenance business units. To ease implementation this program shows you the step-by-step methodology to collect your organizations knowledge and make it available for decision making., Understanding what pipeline maintenance knowledge is, What difference knowledge will make to your pipeline maintenance business units performance, Identifying pipeline maintenance knowledge for your organization, Collecting pipeline maintenance knowledge, Communicating pipeline maintenance knowledge throughout your organization., Making knowledge available in an easily reusable form, Monitoring the pipeline maintenance knowledgebase, Continuous system for updating your pipeline maintenance knowledgebase, Knowledge management team system, Using IT technology for knowledge management system, Legal and Contractual issues in knowledge management system, Intellectual property issues in knowledge management system, Security and confidentiality aspects of a knowledge management system, Human and motivational aspects of knowledge management success, Workshop: Prepare Implantation Plan for Your Pipeline Maintenance Knowledge Management System, Setting up Early warning system to Provide Decision Support Data, Workshop Case Studies 1, Workshop Case Studies 2, Program Recommendations, An Individualized Action Plan for each Participant.

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