

TRAINING TOPICS AND TIME SCHEDULE 2009

Venue : Semarang/Bandung (January-June), Yogyakarta/Jakarta (July-December)

I. HEALTH, SAFETY & ENVIRONMENT (HSE)

CODE	COURSE TITLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
S-01	Accident Investigation and Analysis	5-9						6-10					
S-02	Advanced Wastewater Treatment	12-16						13-17					
S-03	Basic Fire Fighting	19-23						20-24					
S-04	Basic First Aid	26-30						27-31					
S-05	Bioremediation		2-6						3-7				
S-06	Chemical Management		9-13						3-7				
S-07	Chemical Spill and Handling		16-20						10-14				
S-08	Cleaner Production and Pollution Prevention		23-27						10-14				
S-09	Contractor Safety Management			2-6					18-22				
S-10	Eco-efficiency and Sustainable Development			9-13						14-18			
S-11	Environmental Auditing			16-20						14-18			
S-12	Environmental Management Accounting (EMA)			23-27						21-25			
S-13	Environmental Management and Monitoring			30-3						18-2			
S-14	Environmental Mediation and Negotiation				6-10						5-9		
S-15	Environmental Sanitation				13-17						12-16		
S-16	Fire Prevention and Protection				20-24						19-23		
S-17	Good Housekeeping and Five S				27-1						26-30		
S-18	H2S and Toxic Gas Control					4-8						2-6	
S-19	HACCP : Hazard Analysis Critical Control Point					11-15						9-13	
S-20	Hazard and Environmental Communication					18-22						16-20	
S-21	Hazardous Materials and Waste Managnt (B3 dan Limbah B3)					25-29						23-27	
S-22	HAZOPs : Hazard Analysis and Operability Studies						1-5					30-4	
S-23	Health, Safety, Environment Principles (K3LL)						8-12						7-11
S-24	Incineration and Air Pollution Control						15-19						14-18
S-25	Industral Hygiene and Safety						22-26						21-24
S-26	Industrial Pollution Control and Management						29-3						21-24

S-27	Industrial Waste Management and Control	5-9						6-10					
S-28	Introduction to AMDAL	12-16						13-17					
S-29	ISO 14000 : Environmental Management System	19-23						20-24					
S-30	Job Safety Analysis	26-30						27-31					
S-31	Laboratory Quality Control		2-6						3-7				
S-32	Laboratory Safety		9-13						10-14				
S-33	Loss Prevention and Control		16-20						10-14				
S-34	Management of Chemical Storage		23-27						18-22				
S-35	Modern Safety Management			2-6					18-22				
S-36	MSDS and GHS Development and Implementation			9-13						14-18			
S-37	Noise Control & Hearing Conservation Program			16-20						14-18			
S-38	OHSAS 18000 : Safety Management System			23-27						21-25			
S-39	Oil Spill Contingency Planning			30-3						18-2			
S-40	Pest Control and Prevention					6-10						5-9	
S-41	Preparation of Laboratory Accreditation					13-17						12-16	
S-42	Process Safety Management					20-24						19-23	
S-43	Produced Water Treatment and Management					27-1						26-30	
S-44	PROPER : Principles and Implementation						4-8						2-6
S-45	Risk Analysis and Control						11-15						9-13
S-46	Safety Behaviour Management						18-22						16-20
S-47	Safety Inspection and Auditing						25-29						23-27
S-48	Safety Management System (SMK3)							1-5					30-4
S-49	Sampling Methodes and Procedures							8-12					7-11
S-50	Transportation Safety Management							15-19					14-18
S-51	Water and Wastewater Treatment Principles							22-26					21-24
S-52	Water Debris Analysis							29-3					21-24

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II. OIL-GAS AND PROCESS ENGINEERING

CODE	COURSE TITLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
G-01	Blow Out Prevention & Well Control	5-9						6-10					
G-02	Catalyst and Catalytic Reaction	12-16						13-17					
G-03	CO2 Removal	19-23						20-24					
G-04	Crude Oil and Gas Handling	26-30						27-31					
G-05	Directional Drilling Plant & Operation		2-6						3-7				
G-06	Distillation : Principles, Design and Operation		9-13						3-7				
G-07	Drying Technology		16-20						10-14				
G-08	Extraction and Leaching		23-27						10-14				
G-09	Gas Absorption : Design and Operation			2-6					18-22				
G-10	Gas Conditioning and Processing			9-13						14-18			
G-11	Gas Dehydration & Sweetening			16-20						14-18			
G-12	Gas Measurement and Calculation			23-27						21-25			
G-13	Gas Processing : Principles and Operation			30-3						18-2			
G-14	Lubricant and Lubrication				6-10						5-9		
G-15	Natural Gas Production Engineering, Processing & Facilities				13-17						12-16		
G-16	Offshore Process Operation				20-24						19-23		
G-17	Oil & Gas Processing Equipment				27-1						26-30		
G-18	Oil Losses Calculation					4-8						2-6	
G-19	Operational Aspects of Oil & Gas Well Testing					11-15						9-13	
G-20	Petroleum & Natural Gas Engineering					18-22						16-20	
G-21	Petroleum Engineering for Non Petroleum Engineer					25-29						23-27	
G-22	Principles of Combustion Engineering and Its Application						1-5					30-4	
G-23	Process Control, Sensor and Instrumentation						8-12						7-11
G-24	Process Engineering for Non Process Engineer						15-19						14-18
G-25	Production Method of Crude Oil and Gas						22-26						21-24
G-26	Well Production Optimization and Workover						29-3						21-24

III. ELECTRICAL ENGINEERING

CODE	COURSE TITLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
E-01	Advanced Electrical Instrument	5-9						6-10					
E-02	Auditing Energy & Conservation: Efficiency & Cost Saving	12-16						13-17					
E-03	Automatic Voltage Regulator Operation & Maintenance	19-23						20-24					
E-04	Data Communication	26-30						27-31					
E-05	Design and Concept of Telecommunication Management		2-6						3-7				
E-06	Distributed Control System Understanding & Maintenance		9-13						3-7				
E-07	Electrical & Instrumentation Standard		16-20						10-14				
E-08	Electrical Maintenance: Voltage Electrical Generator		23-27						10-14				
E-09	Electrical Motor Control			2-6					18-22				
E-10	Electrical Safety			9-13						14-18			
E-11	Fuzzy Logic Control			16-20						14-18			
E-12	Grounding System and Lightning Protection			23-27						21-25			
E-13	Industrial Electrical Distribution and Installation			30-3						18-2			
E-14	Local Area Network				6-10						5-9		
E-15	Microcontroller and Computer Communication				13-17						12-16		
E-16	Microprocessor Principles of Operation				20-24						19-23		
E-17	Motor Control Center: Operation & Maintenance				27-1						26-30		
E-18	PABX System Tranking					4-8						2-6	
E-19	Principles of Informastion Technology					11-15						9-13	
E-20	Process Control & Instrumentation					18-22						16-20	
E-21	Programmable Logic Control & SCADA System					25-29						23-27	
E-22	Protection of Industrial Power System						1-5					30-4	
E-23	Sensor and Instrumentation						8-12						7-11
E-24	Statistical Process Control						15-19						14-18
E-25	Telecommunication Network Management						22-26						21-24
E-26	Uninterruptible Power Supply						29-3						21-24

IV. MECHANICAL AND MAINTENANCE

CODE	COURSE TITLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
M-01		5-9						6-10					
M-02	Balancing and Total Allignment	12-16						13-17					
M-03	Centrifugal Gas Compressor: Operaton & Maintenance	19-23						20-24					
M-04	Centrifugal Pump Operation	26-30						27-31					
M-05	Corrosion Control and Cathodic Protection		2-6						3-7				
M-06	Diesel Engine: Operaton & Maintenance		9-13						3-7				
M-07	Forklift : Operation and Maintenance		16-20						10-14				
M-08	Gas Plant Operation & Maintenance		23-27						10-14				
M-09	Gas Turbine Operation			2-6					18-22				
M-10	Heat Exchanger: Basic Design Operation & Maintenance			9-13						14-18			
M-11	Hydrocarbon AC & Refrigeration: Operaton & Maintenance			16-20						14-18			
M-12	Integrated Maintenance Management & Control			23-27						21-25			
M-13	Machine Condition Monitoring for Preventive & Predictive Maintenance			30-3						18-2			
M-14	Maintenance: Planning, Scheduling & Coordination				6-10						5-9		
M-15	Material Handling Equipment: Design, Operaton & Maintenance				13-17						12-16		
M-16	Mechanical Engineering for Non Mechanical Engineer				20-24						19-23		
M-17	Steam Generator and Turbine : Operation and Maintenance				27-1						26-30		
M-18	Overhead Crane System: Inspection, Operaton & Maintenance					4-8						2-6	
M-19	Piping System: Material Selection, Design & Maintenance					11-15						9-13	
M-20	Pressure Vessel: Calculation & Inspection					18-22						16-20	
M-21	Pump: Selection, Instalation, Operaton & Maintenance					25-29						23-27	
M-22	Reliability Centered Maintenance						1-5					30-4	
M-23	Rigging and Slinging						8-12						7-11
M-24	Sand Blasting & Painting Technique						15-19						14-18
M-25	Total Predictive Maintenance						22-26						21-24
M-26	Vibration Monitoring and Analysis						29-3						21-24

Venue : Semarang/Bandung (January-June), Yogyakarta/Jakarta (July-December) or Bali

V. FINANCE AND MANAGEMENT

CODE	COURSE TITLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
F-01	Accommodation and Camp Management	5-9						6-10					
F-02	Accounting Management	12-16						13-17					
F-03	Asset Management & Maintenance	19-23						20-24					
F-04	Budgeting for Company Control	26-30						27-31					
F-05	Communication and Presentation Skill		2-6						3-7				
F-06	Community Development		9-13						3-7				
F-07	Corporate Social Responsibility (CSR) Planning and Implementation		16-20						10-14				
F-08	Creative & Rational Decision Making		23-27						10-14				
F-09	Enterpreneurships for Retired Preparation			2-6					18-22				
F-10	Financial Management			9-13						14-18			
F-11	General Services for Oil and Gas Industries			16-20						14-18			
F-12	Interpersonal Skill and Communication			23-27						21-25			
F-13	Just in Time (JIT)			30-3						18-2			
F-14	Leadership & Team Development for Management Success				6-10						5-9		
F-15	Management Information System				13-17						12-16		
F-16	Negotiation, Presentation & Comunication Skill				20-24						19-23		
F-17	Problem Solving & Decision Making				27-1						26-30		
F-18	Procurement Process and Contract Management					4-8						2-6	
F-19	Public Speaking					11-15						9-13	
F-20	Public, Media & Corporate Relation					18-22						16-20	
F-21	Risk Analysis and Management					25-29						23-27	
F-22	Secretary : Personal and Development						1-5					30-4	
F-23	Supply Chain Management						8-12						7-11
F-24	Table Manner, Food and Bevages						15-19						14-18
F-25	Total Quality Management (TQM)						22-26						21-24
F-26	Training Need Analysis (TNA)						29-3						21-24

Venue : Semarang-Cepu, Yogyakarta-Cepu, Bandung

VI. CERTIFICATION – STTK MIGAS

CODE	COURSE TITLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
C-01	Kesehatan dan Keselamatan Kerja MIGAS	5-9		30-3				6-10		18-2			
C-02	Sistem Manajemen Lingkungan	12-16			6-10			13-17			5-9		
C-03	Pemadam Kebakaran	19-23			13-17			20-24			12-16		
C-04	Petugas Pengendali Limbah / Emisi	26-30			20-24			27-31			19-23		
C-05	Petugas Pengambil Contoh		2-6		27-1				3-7			2-6	
C-06	Perawatan Sumur		9-13			4-8			3-7			9-13	
C-07	Petugas Pengendali Gas H2S		16-20			11-15			10-14			16-20	
C-08	Bor		23-27			18-22			10-14			23-27	
C-09	Pesawat Angkat Angkut			2-6		25-29			18-22				30-4
C-10	Petugas Analis Laboratorium			9-13			1-5			14-18			7-11
C-11	Operasi Produksi Lepas Pantai dan darat			16-20			8-12			14-18			14-18
C-12	Seismik			23-27			15-19			21-25			21-24