

## TRAINING TOPICS AND TIME SCHEDULE 2011

**I. HEALTH, SAFETY, ENVIRONMENT**

**II. LABORATORY**

**III. FOOD SAFETY, TECHNOLOGY AND GENERAL SERVICES**

**IV. OIL-GAS, MINING AND PROCESS ENGINEERING**

**V. ELECTRICAL ENGINEERING**

**VI. MECHANICAL AND MAINTENANCE**

**VII. FINANCE AND MANAGEMENT**

**VIII. CERTIFICATION - STTK MIGAS**

### Venue :

1. Semarang : Hotel Santika, Santika Premiere
2. Yogyakarta : Hotel Ibis, Hotel Abadi, Hotel Phoenix
3. Bandung : Hotel Santika, Hotel Gandasari
4. Jakarta : Hotel Ibis Thamarin, Hotel Ibis Arcadia
5. Surabaya : Hotel Santika, Hotel Surabaya Plaza
6. Denpasar : Hotel Santika

### Venue for Migas Certification :

1. Semarang : Hotel Santika, Santika Premiere
2. Semarang-Cepu : Hotel Santika, Santika Premiere, LSP Pusdiklat Migas
3. Yogyakarta-Cepu : Hotel Ibis, LSP Pusdiklat Migas
4. Pekanbaru : Hotel Grand Zuri, Hotel Pelangi
5. Balikpapan : Hotel Pasific



## I. HEALTH, SAFETY & ENVIRONMENT (HSE)

CODE	COURSE TITLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Remark
S-01	Accident Investigation, Analysis and Reporting	10-14				30-4								
S-02	Basic Fire Fighting	17-21					6-10							
S-03	Basic First Aid	24-28					13-17							
S-04	Basic Safety in Oil and Gas	31-2					20-24							
S-05	Chemical Management in Industry		7-11				28-2							
S-06	Chemical Spill and Handling		16-19					4-8						
S-07	Contractor Safety Management System		21-25					11-15						
S-08	Fire Prevention and Protection		28-4					18-22						
S-09	Good Housekeeping and Five S			7-11				25-29						
S-10	H2S and Toxic Gas Control			14-18					1-5					
S-11	Hazardous Classification Area			15-18					2-5					
S-12	Hazardous Materials Safely Handling			21-25					8-12					
S-13	HAZOPs : Hazard Analysis and Operability Studies			28-1						12-16				
S-14	Health, Safety, Environment Principles (K3LL)				4-8					19-23				
S-15	Industrial Hygiene and Sanitation				11-15					26-30				
S-16	Job Safety Analysis				18-21						3-7			
S-17	Loss Prevention and Control				25-29						10-14			
S-18	Management of Chemical Storage					2-6					17-21			
S-19	Modern Safety Management					9-13					24-28			
S-20	MSDS and GHS Development and Implementation					18-21					31-4			
S-21	Noise Control & Hearing Conservation Program					23-27						7-11		
S-22	OHSAS 18001 : Safety Management System					30-4						14-18		
S-23	Occupational Health and Safety						1-5					15-19		
S-24	Occupational Hygiene						1-5					15-19		
S-25	Pest Control and Prevention						6-10					21-25		
S-26	Process Safety Management						13-17					28-2		
S-27	Risk Analysis and Control						20-24						5-9	
S-28	Safety Behaviour Management						28-2						12-16	
S-29	Safety Inspection and Auditing							4-8					19-23	
S-30	Safety Management System (SMK3)		21-25					11-15						

## I. HEALTH, SAFETY & ENVIRONMENT (HSE): Environment

CODE	COURSE TITLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Remark
E-1	AMDAL for Executive	24-28					13-17							
E-2	Advanced Wastewater Treatment		28-4					18-22						
E-3	Bioremediation			7-11				25-29						
E-4	Basic Environmental Engineering			14-18					1-5					
E-5	Dasar-dasar AMDAL			15-19					2-6					
E-6	Domestic waste water Treatment			21-25					8-12					
E-7	Environmental Auditing			28-1						12-16				
E-8	Environmental Management Accounting (EMA)				4-8					19-23				
E-9	Environmental Management System (EMS - ISO 14001)				11-15					26-30				
E-10	Environmental Monitoring				12-15					27-30				
E-11	Environmental Mediation and Negotiation				18-21						3-7			
E-12	Environmental Sanitation				25-29						10-14			
E-13	Eco-efficiency and Cleaner Production				26-30						11-15			
E-14	Eco-industrial Park Development					2-6					17-21			
E-15	Hazard and Environmental Communication					3-6					18-21			
E-16	Hazardous Waste Management					9-13					24-27			
E-17	Hazardous Materials and Waste Managnt (B3 dan Limbah B3)					10-14					24-28			
E-18	Incineration and Air Pollution Control					18-21					31-4			
E-19	Industrial Pollution Control and Management					23-27						7-11		
E-20	Incinerator : Design, Operation, Maintenance						1-4					8-11		
E-21	Industrial Waste Management and Control					30-4						14-18		
E-22	Oil Spill Contingency Planning and Environmental Management						6-10					21-25		
E-23	Pengelolaan Lingkungan Industri Migas						7-11					22-26		
E-24	Pengelolaan Lingkungan industri Pertambangan						13-17					29-3		
E-25	Produced Water Treatment and Management						13-17					28-2		
E-26	Pollution Prevention in Oil Gas						20-24						5-9	
E-27	PROPER : Principles and Implementation						28-2						12-16	
E-29	Water and Wastewater Treatment Principples						4-8						19-23	
E-30	Water Treatment Engineering		21-25					11-15						

## II. LABORATORY

CODE	COURSE TITLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Remark
L-1	Laboratory Quality Control	10-14				30-4								
L-2	Laboratory Management (ISO/IEC - 17025)	17-21					6-10							
L-3	Laboratory Management and Operation	24-28					13-17							
L-4	Laboratory Safety	31-2					20-24							
L-5	Petugas Pengambil Contoh		7-11				28-2							
L-6	Preparation for Laboratory Accreditation		16-19					4-8						
L-7	Sampling Methodes and Procedures		21-25					11-15						

## III. FOOD SAFETY AND TECHNOLOGY, AND GENERAL SERVICES

CODE	COURSE TITLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Remark
G-1	Camp and Accommodation		28-4					18-22						
G-2	Canteen Hygiene and Sanitation			7-11				25-29						
G-3	Catering Services : Health Safety Environment			14-18					1-5					
G-4	Food Handling			21-25					8-12					
G-5	HACCP : Hazard Analysis Critical Control Point			28-1						12-16				
G-6	Food Safety : ISO 22001				4-8					19-23				
G-7	Food Safety and Hygiene				11-15					26-30				
G-8	Food Safety for Canteen				18-21						3-7			
G-9	Food Hygiene for Catering				25-29						10-14			
G-10	Introduction to Microbiological Food Safety Hazards					2-6					17-21			
G-11	Managing Food Safety in Catering					9-13					24-28			
G-12	Outbreak Investigation					18-21					31-4			
G-13	Quality Control in Food Safety					23-27						7-11		
G-14	Table Manner, Food and Bevages					30-4						14-18		

## IV. OIL-GAS, MINING AND PROCESS ENGINEERING

CODE	COURSE TITLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Remark
G-01	Blow Out Prevention & Well Control	10-14				30-4								
G-02	Chemical Reaction Engineering	17-21					6-10							
G-03	CO2 Removal	24-28					13-17							
G-04	Catalytic Cracking and Reaction Engineering	31-2					20-24							
G-05	Coal Bed System : Principles and Technology		7-11				28-2							
G-06	Crude Oil and Gas Handling		16-19					4-8						
G-07	Design of Drilling Fluid and Troubleshooting		21-25					11-15						
G-08	Directional Drilling Plant & Operation		28-4					18-22						
G-09	Distillation : Principles, Design and Operation			7-11				25-29						
G-10	Drying Technology			14-18					1-5					
G-11	Extraction and Leaching			21-25					8-12					
G-12	Gas Absorption : Design and Operation			28-1						12-16				
G-13	Gas Conditioning and Processing				4-8					19-23				
G-14	Gas Dehydration & Sweetening				11-15					26-30				
G-15	Gas Measurement and Calculation				18-21						3-7			
G-16	Gas Processing : Principles and Operation				25-29						10-14			
G-17	Geodesy : Principles and Application					2-6					17-21			
G-18	Log Interpretation					9-13					24-28			
G-19	Lubricant and Lubrication					18-21					31-4			
G-20	Membrane Technology for Process Separation					23-27						7-11		
G-21	Natural Gas Production Engineering, Processing & Facilities					30-4						14-18		
G-22	Natural Gas Reservoir Engineering						6-10					21-25		
G-23	Offshore and Onshore Oil Gas Production						13-17					28-2		
G-24	Offshore Geology						20-24						5-9	
G-25	Offshore Geophysics						28-2						12-16	
G-26	Offshore Process Operation							4-8					19-23	
G-27	Oil & Gas Processing Equipment		21-25					11-15						
G-28	Oil Losses Calculation		28-4					18-22						
G-29	Operational Aspects of Oil & Gas Well Testing			7-11				25-29						
G-30	Petroleum & Natural Gas Engineering			14-18					1-5					
G-31	Petroleum Engineering Principles			21-25					8-12					
G-32	Positioning			28-1						12-16				
G-33	Pressure Detection and Well Control				4-8					19-23				
G-34	Principles of Drilling Technology				11-15					26-30				
G-35	Process Control for Chemical Industries				18-21						3-7			
G-36	Process Engineering for Non Process Engineer				25-29						10-14			
G-37	Production Method of Crude Oil and Gas					2-6					17-21			
G-38	Seismic					9-13					24-28			
G-39	Structure Geology					18-21					31-4			
G-40	Well Production Optimization and Workover					23-27						7-11		
G-41	Well Servicing and Workover					30-1						14-18		

## V. ELECTRICAL ENGINEERING

CODE	COURSE TITLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Remark
E-01	Advanced Electrical Instrument	10-14				30-4								
E-02	Auditing Energy & Conservation: Efficiency & Cost Saving	17-21					6-10							
E-03	Automatic Voltage Regulator Operation & Maintenance	24-28					13-17							
E-04	Data Communication	31-2					20-24							
E-05	Design and Concept of Telecommunication Management		7-11				28-2							
E-06	Distributed Control System Understanding & Maintenance		16-19					4-8						
E-07	Electrical & Instrumentation Standard		21-25					11-15						
E-08	Electrical Maintenance: Voltage Electrical Generator		28-4					18-22						
E-09	Electrical Motor Control			7-11				25-29						
E-10	Electrical Safety			14-18					1-5					
E-11	Fuzzy Logic Control			21-25					8-12					
E-12	Grounding System and Lightening Protection			28-1						12-16				
E-13	Industrial Electrical Distribution and Installation				4-8					19-23				
E-14	Local Area Network				11-15					26-30				
E-15	Microcontroller and Computer Communication				18-21						3-7			
E-16	Microprocessor Principles of Operation				25-29						10-14			
E-17	Motor Control Center: Operation & Maintenance					2-6					17-21			
E-18	PABX System Tranking					9-13					24-28			
E-19	Principles of Informastion Technology					18-21					31-4			
E-20	Process Control & Instrumentation					23-27						7-11		
E-21	Programmable Logic Control & SCADA System					30-4						14-18		
E-22	Protection of Industrial Power System						6-10					21-25		
E-23	Sensor and Instrumentation						13-17					28-2		
E-24	Statistical Process Control						20-24						5-9	
E-25	Telecommunication Network Management						28-2						12-16	
E-26	Uninteruptible Power Supply							4-8					19-23	

## VI. MECHANICAL AND MAINTENANCE

CODE	COURSE TITLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Remark
M-01	Advanced Material Engineering	10-14				30-4								
M-02	Balancing and Total Allignment	17-21					6-10							
M-03	Centrifugal Gas Compressor: Operaton & Maintenance	24-28					13-17							
M-04	Centrifugal Pump Operation	31-2					20-24							
M-05	Corrosion Control and Cathodic Protection		7-11				28-2							
M-06	Diesel Engine: Operaton & Maintenance		16-19					4-8						
M-07	Forklift : Operation and Maintenance		21-25					11-15						
M-08	Gas Plant Operation & Maintenance		28-4					18-22						
M-09	Gas Turbine Operation			7-11				25-29						
M-10	Heat Exchanger: Basic Design Operation & Maintenance			14-18					1-5					
M-11	Hydrocarbon AC & Refrigeration: Operaton & Maintenance			21-25					8-12					
M-12	Integrated Maintenance Management & Control			28-1						12-16				
M-13	Inspection				4-8					19-23				
M-14	Machine Condition Monitoring for Preventive & Predictive Maintenance				4-8					19-23				
M-15	Maintenance: Planning, Scheduling & Coordination				11-15					26-30				
M-16	Material Handling Equipment: Design, Operaton & Maintenance				18-21						3-7			
M-17	Mechanical Engineering for Non Mechanical Engineer				25-29						10-14			
M-18	Non Destructive Testing					2-6					17-21			
M-19	Overhead Crane System: Inspection, Operaton & Maintenance					9-13					24-28			
M-20	Piping System: Material Selection, Design & Maintenance					18-21					31-4			
M-21	Pressure Vessel: Calculation & Inspection					23-27						7-11		
M-22	Pump: Selection, Instalation, Operaton & Maintenance					30-4						14-18		
M-23	Reliability Centered Maintenance						6-10					21-25		
M-24	Rigging and Slinging						13-17					28-2		
M-25	Sand Blasting & Painting Technique						20-24						5-9	
M-26	Steam Generator and Turbine : Operation and Maintenance						28-2						12-16	
M-27	Total Predictive Maintenance							4-8					19-23	
M-28	Vibration Monitoring and Analysis		28-4					11-15						
M-29	Welding			7-11				18-22						

## VII. FINANCE AND MANAGEMENT

CODE	COURSE TITLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Remark
F-01	Accommodation and Camp Management	10-14				30-4								
F-02	Accounting Management	17-21					6-10							
F-03	Asset Management & Maintenance	24-28					13-17							
F-04	Budgeting for Company Control	31-2					20-24							
F-05	Communication and Presentation Skill		7-11				28-2							
F-06	Community Development		16-19					4-8						
F-07	Corporate Social Responsibility (CSR) Planning and Implementation		21-25					11-15						
F-08	Creative & Rational Decision Making		28-4					18-22						
F-09	Entrepreneurships for Retired Preparation			7-11				25-29						
F-10	Financial Management			14-18					1-5					
F-11	General Services for Oil and Gas Industries			21-25					8-12					
F-12	Interpersonal Skill and Communication			28-1						12-16				
F-13	Just in Time (JIT)				4-8					19-23				
F-14	Leadership & Team Development for Management Success				11-15					26-30				
F-15	Logistics				18-21						3-7			
F-16	Management Information System				25-29						10-14			
F-17	Negotiation, Presentation & Comunication Skill					2-6					17-21			
F-18	Problem Solving & Decision Making					9-13					24-28			
F-19	Procurement Process and Contract Management					18-21					31-4			
F-20	Public Speaking					23-27						7-11		
F-21	Public, Media & Corporate Relation					30-4						14-18		
F-22	Risk Analysis and Management						6-10					21-25		
F-23	Secretary : Personal and Development						13-17					28-2		
F-24	Supply Chain Management						20-24						5-9	
F-25	Total Quality Management (TQM)						28-2						12-16	
F-26	Training Need Analysis (TNA)							4-8					19-23	

## VIII. CERTIFICATION – STTK MIGAS

CODE	COURSE TITLE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AGS	SEPT	OCT	NOV	DEC
C-01.1	Keselamatan dan Kesehatan Kerja (K3) MIGAS : Smg-Cepu	15-20		19-24	23-28		18-23	16-21			15-20	5-10	3-8
C-01.2	Keselamatan dan Kesehatan Kerja (K3) MIGAS : Semarang		13-18			15-20				17-22		12-17	
C-01.3	Keselamatan dan Kesehatan Kerja (K3) MIGAS : Pekanbaru	28-2					3-9				22-27		
C-01.4	Keselamatan dan Kesehatan Kerja (K3) MIGAS - Semi Public ON DEMAND (Semarang/Yogya/Surabaya) - Cepu		5-10	5-10	2-7	7-12	4-9	2-7		10-15	1-6	19-24	
			19-24			21-26		23-28					
C-01.5	Keselamatan dan Kesehatan Kerja (K3) MIGAS : IN HOUSE ON DEMAND		25-3	9-14	1-5	11-15	2-7		10-15	8-13	26-1		
				12-17	16-21		9-14			29-3			
C-02	Petugas Pemadam Kebakaran (Fire Fighting)			5-10				2-7			1-6		
C-03	Petugas Pengendali Gas H2S	22-27	19-24		9-14		18-23			24-29		19-24	
C-04	Sistem Manajemen Lingkungan (SML)	15-20	19-24		23-28			16-21			15-20		3-8
C-05	Petugas Pengendali Limbah Padat dan B3, Cair, Emisi	15-20	19-24		23-28			16-21			15-20		3-8
C-06	Petugas Pengambil Contoh (PPC)			19-24			18-23			24-29		19-24	
C-07	Drilling (Bor)	22-28	5-11	12-18	2-8	21-27	18-24	23-29		24-30	8-14	19-25	3-9
C-08	Perawatan Sumur (PES)		19-24				18-23				15-20		
C-09	Operasi Produksi Lepas Pantai dan Darat (OPLP)					21-26						19-24	
C-10	Scaffolding (Operator, Inspector)			19-24			3-9				1-6		
C-11	Operator Pesawat Angkat Angkut, Forklift dan Rigger		5-10			7-12		2-7		24-29		19-24	
C-12	Well Control - IADC			21-26							3-8		

**VENUE : Training : Hotel Santika Primere / Santika - Semarang, Hotel Ibis / Phoenix Yogyakarta, Hotel Surabaya Plaza/Santika Surabaya**

**Certification : LSP PPT - PUSDIKLAT Migas Cepu / Hotel Santika Primere Semarang**

**In House or Semi Public Training and Certification - On demand**

**SCHEDULE FOR ALL SEMI PUBLIC and IN HOUSE MIGAS TRAINING CERTIFICATION PLEASE CONTACT US**