

## INDAH WATER TRAINING CENTRE (TRAINING PROGRAMME)

MAIN	NO	PROGRAMME	NO. OF PAX (MIN/MAX)	LEVEL	TRAINER	DURATION	FEE EXTERNAL (RM)	TRAINING CALENDAR 2020												
								JAN	FEB	MAC	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
NEW PROGRAMME (DETAILS ARE SUBJECT TO CHANGE)																				
NEW PROGRAMME (SUBJECT TO CHANGE)	1	FOUNDATION OF PROJECT MANAGEMENT	5 / 15	EXECUTIVE	IR MOHD ADNAN MD DOM	1	500													
	2	FOUNDATION OF CONTRACT MANAGEMENT	5 / 15	EXECUTIVE	IR MOHD ADNAN MD DOM	1	500													
	3	CONSTRUCTION MANAGEMENT	5 / 15	EXECUTIVE	AZANAN ABDUL AZIZ	2	800													
	4	INTRODUCTION TO ENVIRONMENTAL OBLIGATION AND CLIMATE CHANGE	5 / 15	ALL	WANI MASTURA MOHAMAD	2	850													
	5	INTRODUCTION TO FILTRATION MODULE-DESIGN	5 / 15	EXECUTIVE	HO YOKE PING	2	850													
	6	FAULT FINDING AND TROUBLESHOOTING- BEGINNER	5 / 15	ALL	KULASEGARAN JAYABALAN	2	800													
	7	FAULT FINDING AND TROUBLESHOOTING- INTERMEDIATE	5 / 15	ALL	KULASEGARAN JAYABALAN	3	1100													
	8	INSTRUMENTATION AND CONTROL	5 / 15	ALL	KULASEGARAN JAYABALAN	2	800													
	9	MECHANICAL & ELECTRICAL WORK MANAGEMENT	5 / 15	ALL	KULASEGARAN JAYABALAN	2	900													
	10	RENEWABLE ENERGY AND ENERGY EFFICIENCY	5 / 15	ALL	KULASEGARAN JAYABALAN	2	850													
	11	SURGE PROTECTION SYSTEM	5 / 15	ALL	KULASEGARAN JAYABALAN	2	800													
	12	TREATMENT MODULE 1 AND 2: INTRODUCTION TO SEWAGE TREATMENT O&M REQUIREMENTS AND PROCESS MONITORING AND CONTROL	5 / 15	ALL	DR. LEE BOON SING / JA'AFAR SIDIK MUHAMMAD	2	900													
	13	TREATMENT MODULE 3: STP DESIGN EVALUATION AND AUDIT	5 / 15	ALL	DR. LEE BOON SING / JA'AFAR SIDIK MUHAMMAD	2	950													
	14	TREATMENT MODULE 4: MICROSCOPIC TECHNIQUE FOR ACTIVATED SLUDGE DIAGNOSIS AND PROCESS	5 / 15	ALL	DR. LEE BOON SING / JA'AFAR SIDIK MUHAMMAD	2	950													
	15	TREATMENT MODULE 5: SLUDGE MANAGEMENT FOR MANNED PLANT	5 / 15	ALL	DR. LEE BOON SING / JA'AFAR SIDIK MUHAMMAD	2	900													
	16	ERGONOMIC AWARENESS	5 / 15	ALL	TBC	2	800													
	17	EQUIPMENT MAINTENANCE STRATEGIES/TECHNOLOGY	5 / 15	ALL	TBC	2	850													
	18	NETWORK PUMP STATION- OPERATION & MAINTENANCE	5 / 15	ALL	ISHAK DALI	3	1200													
PLANNING																				
PLANNING	19	MALAYSIAN INDUSTRIAL SEWAGE GUIDELINES - PLANNING, DESIGN AND OPERATION	5 / 15	ALL	AZURA MEGAT IBRAHIM	1 Day	500										22			
	20	MALAYSIA CIVIL ENGINEERING STANDARD METHOD OF MEASUREMENT (MycESMM) CIBD CERTIFICATION	10 / 15	EXECUTIVE	ZAIDI BASRI	3/2 Days	900													
	21	ASSET RISK MANAGEMENT FRAMEWORK	5 / 15	EXECUTIVE	IDA FAUZIYANA	2 Days	900													
	22	HAZOPS FOR SEWAGE SYSTEMS	5 / 15	ALL	WANI MASTURA MOHAMAD	1 Day	550													
	23	ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR SEWAGE SYSTEMS	5 / 15	ALL	WANI MASTURA MOHAMAD	1 Day	550													
	24	SEWAGE CONSTRUCTION MANAGER : CIBD (MODULE A : MANAGEMENT) CIBD CERTIFICATION	8 / 15	MANAGER	TBD	4 Days	825/925										7-10			
DESIGN																				
DESIGN	25	CONSTRUCTION OF SEWAGE TREATMENT PLANTS	8 / 15	ALL	AZANAN ABDUL AZIZ	2 Days	850													
	26	CONSTRUCTION OF SEWER	8 / 15	ALL	AZANAN ABDUL AZIZ	2 Days	850										10-11			
	27	SEWER REHABILITATION AND PROPERTY CONNECTION	8 / 15	EXECUTIVE	MURALITHARAN ANGGAMUTHU	1 Day	600													
	28	DESIGN OF PUMP STATION	8 / 15	EXECUTIVE	IR. DR. NORZAM AYOB	2 Days	850													
	29	HYDRAULIC ENERGY AND FLOW RESISTANCE IN SEWER DESIGN	8 / 15	EXECUTIVE	IR ZAKARIAH MD YASSIN	2 Days	850				1-2									
	30	PUMP AND PUMPING SYSTEM	8 / 15	ALL	KULASEGARAN JAYABALAN	2 Days	850													
	31	SLUDGE DEWATERING AND DISPOSAL	8 / 15	ALL	HASIF HUSIN	2 Days	700										21-22			
	32	INTRODUCTION TO MECHANICAL & ELECTRICAL DESIGN FOR SEWAGE SYSTEMS	8 / 15	ALL	KUMARA VELL S. CHELLIAH	2 Days	850													
	33	TESTING & COMMISSION OF SEWAGE SYSTEMS	8 / 15	ALL	KULASEGARAN JAYABALAN	1 Day	600													
	34	SEWAGE CONSTRUCTION MANAGER : CIBD (MODULE D : CIVIL & STRUCTURAL) CIBD CERTIFICATION	8 / 15	MANAGER	TBD	2 Days	625/725											26-27		
OPERATION & MAINTENANCE																				
OPERATION & MAINTENANCE	35	DESLUDGING WORK AND KNOW YOUR TANKER	8 / 20	ALL	MARZUKI MOHD HANAFIAH	2 Days	800													
	36	OPERATION & MAINTENANCE OF JETTOR & SEWER CLEANING VEHICLE	5 / 15	ALL	MUHAMMAD ADIB MOHD ATIL	3 Days	1200													
	37	OPERATION & MAINTENANCE OF SLUDGE RECEPTION FACILITY AND MECHANISED DEWATERING UNIT	5 / 15	ALL	KULASEGARAN JAYABALAN	1 Day	600													
	38	FIXED FILM SYSTEMS	5 / 15	ALL	HO YOKE PING	1 Day	600													
	39	INTRODUCTION TO TREATMENT PLANT OPERATIONS-NEW ENTRY	5 / 15	ALL	ZULFAKAR AHMAT	2 Days	850													
	40	INTRODUCTION TO OPERATIONS & MAINTENANCE OF SEWAGE SYSTEMS	5 / 15	ALL	ISHAK DALI / MOHD NIZAM	3 Days	1200										15-16			
	41	NIOSH AUTHORISED ENTRY/STAND-BY PERSON (AE/SP) (CERTIFIED) <b>IMPORTANT!</b>	10 / 15	ALL	CEMARA SAFETY SDN. BHD. / NIOSH	2 Days	800	14-15 / 29-30	11-12 / 25-26	17-18	6-7 / 20-21	4-5	2-3 / 15-16 / 29-30	13-14 / 21-22 / 27-28	12-13/26-27	9-10/23-24	7-8 / 27-28	3-4 / 17-18	1-2 / 14-15	
	42	NIOSH AUTHORISED ENTRY/STAND-BY PERSON (AE/SP) (REFRESHER) (CERTIFIED) <b>IMPORTANT!</b>	10 / 15	ALL	CEMARA SAFETY SDN. BHD. / NIOSH	1 Day	500	30	26	30	22	19	25	23	13	24	26	24	16	
	43	AUTHORIZED GAS TESTER (AGTES) <b>TBC</b>	10 / 15	ALL	CEMARA SAFETY SDN. BHD. / NIOSH	3 Days	1550													
	44	AUTHORIZED GAS TESTER REFRESHER (AGTESR) <b>TBC</b>	10 / 15	ALL	CEMARA SAFETY SDN. BHD. / NIOSH	2 Days	650													
	45	HAZARD IDENTIFICATION RISK ASSESSMENT & RISK CONTROL & WORKPLACE INSPECTION (HIRARC-WI)	5 / 15	ALL	RAJA ZAM RAJA AMAN	1 Day	600													
	46	ACCIDENT REPORTING AND INVESTIGATION	5 / 15	EXECUTIVE	MOHD SHAHIDAN MOKHTAR	2 Days	800													
	47	VACUUM SEWER SYSTEM	5 / 15	ALL	MASZOR AMIR MOHD MASRIPAN	3 Days	1050													
	48	INTRODUCTION TO STP EQUIPMENT / PIPES AND VALVES	5 / 15	ALL	ABI ISHAQ ABD RAHIM BIN IBRAHIM	2 Days	800													
	49	BASIC HYDRAULICS OF SEWAGE TREATMENT PLANT	5 / 15	ALL	IR ZAKARIAH MD YASSIN	1 Day	600													
	50	FLOW MEASUREMENT SYSTEMS & APPLICATIONS (LEVEL 3)	5 / 15	ALL	JA'AFAR SIDIK MUHAMMAD	1 Day	600													
	51	EXTENDED AERATION SYSTEM	5 / 15	ALL	JA'AFAR SIDIK MUHAMMAD	2 Days	800													
	52	ON-SITE MEASUREMENT AND TESTING OF PROCESS CONTROL PARAMETERS	5 / 15	ALL	JA'AFAR SIDIK MUHAMMAD	2 Days	800			11-12										
	53	TROUBLESHOOTING AND PROCESS CONTROL FOR SEWAGE TREATMENT	5 / 15	ALL	DR. LEE BOON SING	2 Days	800													
	54	INTRODUCTION TO SLUDGE MANAGEMENT DESIGN	5 / 15	ALL	MUHAMMAD SULAIMAN ABDULLAH	1 Day	600													
	55	RENEWABLE ENERGY & ENERGY EFFICIENCY / PROCESS OPTIMIZATION AND ENERGY CONSERVATION	5 / 15	EXECUTIVE	JA'AFAR SIDIK MUHAMMAD	1 Day	600													
	56	SEWAGE SAMPLING TECHNIQUES AND RECORDS (LEVEL 2)	5 / 15	NON-EXECUTIVE	JA'AFAR SIDIK MUHAMMAD	1 Day	600													
	57	SAMPLING FOR SLUDGE DISPOSAL SITE	5 / 15	ALL	JA'AFAR SIDIK MUHAMMAD	1 Day	600													
	58	SEWER NETWORK MAINTENANCE	5 / 15	ALL	A.GHANI MOHAMED	2 Days	800													
	59	OPERATION OF SEQUENCING BATCH REACTOR (SBR) <b>CPD HOURS (EIMAS)</b>	5 / 15	ALL	AKEEL MUHILDIR/MOHD JOHAN	2 Days	850										29-30	19-20	9-10	7-8
	60	BIOLOGICAL NUTRIENT SYSTEM <b>CPD HOURS (EIMAS)</b>	5 / 15	ALL	THAYALAN THANNIMALAI/ABI ISHAQ	2 Days	850											12-13	2-3 / 23-24	21-22
	61	SEWER CLOSED-CIRCUIT TELEVISION (CCTV) CONDITION CLASSIFICATION	5 / 15	EXECUTIVE	JBP CONSULTANCY SERVICES ASIA S/B	3 Days	1650													
62	PIPELINE REHABILITATION TRAINING	5 / 15	EXECUTIVE	JBP CONSULTANCY SERVICES ASIA S/B	2 Days	1100														
63	SEWAGE CONSTRUCTION MANAGER : CIBD (MODULE B : TREATMENT PROCESS CONCEPTS) CIBD CERTIFICATION	8 / 15	MANAGER	TBD	3 Days	725/825											5-7			
64	SEWAGE CONSTRUCTION MANAGER : CIBD (MODULE C : MECHANICAL & ELECTRICAL) CIBD CERTIFICATION	8 / 15	MANAGER	TBD	3 Days	725/825									10-12					
GENERAL																				
GENERAL	65	HEALTH & SAFETY: WORKPLACE ERGONOMIC	5 / 15	EXECUTIVE	MOHD SHARIDAN MOKHTAR	1 Day	600													
	66	HEALTH AND SAFETY AWARENESS FOR SUPERVISORS	5 / 15	NON-EXECUTIVE	HUZIR RIZAL BIN MOKHTAR	1 Day	600													
	67	SAFETY PASSPORT PROGRAMME <b>IMPORTANT!</b>	20	ALL	CEMARA SAFETY SDN. BHD.	1 Day	50													
	68	CONFINED SPACE AWARENESS	5 / 15	ALL	ROSLAN AHMAD	1 Day	400													
	69	SEWAGE POLICIES AND PROCEDURES	5 / 15	EXECUTIVE	AZURA MEGAT IBRAHIM	1 Day	550													
	70	INTERNATIONAL FECAL SLUDGE MANAGEMENT STUDY VISIT	10 / 20	ALL	RUHAIDAH MD HASSAN	TBC	TBC													
	71	FACILITIES RENTAL	N/A	N/A	STEPHEN JOSEPH	NA	70 (pax/day)													

- NOTE: 1) PROGRAM WITH NO DATE STATED IS UPON REQUEST  
 2) ALL PRICE SHOWN IS WITHOUT 6% SST  
 3) CONTINUOUS EDUCATION (CPD) PROGRAM POINTS AVAILABLE UPON REQUEST



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