

RAIL OPERATIONS & ENGINEERING TRAINING PROGRAMME 2018

COURSE CODE	COURSE NAME	DURATION (DAY)	SESSION	MONTH											
				1	2	3	4	5	6	7	8	9	10	11	12
GENERAL COURSE TRAINING															
RAD-GC-09	ISO 9001 : 2015 AWARENESS	1	8		26	01		18, 22			17	25		26, 28	
RAD-GC-10	INTRODUCTION TO 5S	1	8		26	01		18, 22			17	25		26, 28	
RAD-GC-11	INDUCTION FOR SAFETY BRIEFING	1	8		27	02		21, 23			20	26		27, 29	
RAD-GC-12	BASIC FIRE FIGHTING	1	8		28	05		23, 24			21	27		28, 30	
KELANA JAYA LINE SYSTEMS & SUBSYSTEMS COMMON CORE TRAINING															
KLJ-GC-01	KELANA JAYA LINE SYSTEM & VEHICLE OVERVIEW	3	4		12-14			02-04			01-03			07-09	
KLJ-GC-02	RULE BOOK & RADIO PROCEDURE	6	4		15-23			07-14			06-13			12-19	
KLJ-GC-03	EMERGENCY RESPONSE PROCEDURE (ERP)	3	4		26-28			15-17			14-16			21-23	
KELANA JAYA LINE CONTROL CENTRE OPERATIONS SYSTEM COMPETENCY TRAINING															
KLJ-CC-01	CLOSED CIRCUIT TELEVISION SYSTEM (CCTV) SYSTEM OPERATION	2	3	11-12			26-27			17-18					
KLJ-CC-02	PASSENGER INFORMATION SIGN (PIS) SYSTEM OPERATION	2	3	09-10					12-13	10-11					
KLJ-CC-03	TELEPHONE OPERATION	2	3	11-12			26-27			17-18					
KLJ-CC-04	SUPERVISORY CONTROL & DATA ACQUISITION (SCADA) SYSTEM OPERATION	2	3	03-04			24-25			03-04					
KLJ-CC-05	OPERATION CONTROL CENTER SYSTEM	10	2	22-30	05-07										
KLJ-CC-06	AUTOMATIC TRAIN CONTROL (ATC) SYSTEM OPERATION	15	1		08Feb-01Mar										
KLJ-CC-09	PUBLIC ANNOUNCEMENT SYSTEM	2	3	09-10					12-13	10-11					
KLJ-CC-10	OPERATION CONTROL CONTROL (OCC) COMPETENCY RE-VALIDATION	8	1										08-17		
KLJ-CC-12	SUPERVISORY CONTROL & DATA ACQUISITION (SCADA) IN POWER SYSTEM	2	1							02-03					
KELANA JAYA LINE STATION OPERATION SYSTEM COMPETENCY TRAINING															
KLJ-SO-01	PASSENGER INTRUSION EMERGENCY STOP (PIES) / ESP SYSTEM OPERATION	0.75	12	09-11 16-18	12-14 26-28	13-15	03-05 17-19	07-09		03-05		18-20	01-03 23-25		
KLJ-SO-02	GROUNDING STRAPS APPLICATION	0.75	12	09-11 16-18	12-14 26-28	13-15	03-05 17-19	07-09		03-05		18-20	01-03 23-25		
KLJ-SO-03	PUBLIC ADDRESS (PA) & PASSENGER INFORMATION (PI) & SYSTEM OPERATION	0.75	12	09-11 16-18	12-14 26-28	13-15	03-05 17-19	07-09		03-05		18-20	01-03 23-25		
KLJ-SO-04	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM OPERATION	0.75	12	09-11 16-18	12-14 26-28	13-15	03-05 17-19	07-09		03-05		18-20	01-03 23-25		
KLJ-SO-05	PLATFORM SCREEN DOOR SYSTEM(PSDS)THEORY & PRACTICAL	1	9	03		01		02, 03 30, 31		02		12, 13			
KLJ-SO-08	VEHICLE DRIVER TRAINING 2-CAR	5	24	08-12	05-09 12-16 19-23	05-09 12-16 26-30	09-13 16-20 23-27	07-11 14-18 21-25	04-08 25-29	09-13 16-20 23-27	06-10 13-17	03-07 24-28	08-12 15-19 22-26		
KLJ-SO-09	VEHICLE DRIVER TRAINING 2-CAR (MLR)	1	4	04	01		30				01				
KLJ-SO-10	VEHICLE DRIVER TRAINING 4-CAR	4	15	15-18 22-25	05-08 19-22	12-15	02-05 16-19	07-10	25-28	02-05 16-19	06-09 27-30		01-04	12-15	
KLJ-SO-11	VEHICLE DRIVER TRAINING 4-CAR (MLR)	2	1	29-30											
KLJ-SO-12	VEHICLE DRIVER TRAINING 4-CAR (KLAV)	3	19	23-25	12-14 26-28	06-08 19-21 27-29	10-12 24-26	15-17 22-24	04-06	10-12 24-26	14-16	04-06 18-20 25-27	08-10 29-31		
KELANA JAYA LINE TRACK NETWORK MAINTENANCE SYSTEM COMPETENCY TRAINING															
KLJ-TN-01	TRACK SYSTEM AND MAINTENANCE FAMILIARIZATION	1	3			05			04			03			
KLJ-TN-02	RUNNING RAIL INSPECTION AND MAINTENANCE	1	4			06			05			04	08		
KLJ-TN-03	SPECIAL TRACKWORK OPERATION AND MAINTENANCE	1	5			07			06			05	09, 16		
KLJ-TN-04	POWER RAIL SYSTEM AND MAINTENANCE	1	4			08			07			06	10		
KLJ-TN-05	LIM REACTION RAIL SYSTEM AND MAINTENANCE	1	5			13			25			12	11, 17		
KLJ-TN-06	TRACK TOOL & EQUIPMENT	2	3			14-15			26-27			13-14			
KLJ-TN-07	RAIL RENEWAL	1	2				09			09					
KLJ-TN-08	MULTIPURPOSE VEHICLE OPERATION	1	3				12			12			04		
KLJ-TN-09	SHUNTING 1 & CRANE OPERATION	1	3				10			10			02		
KLJ-TN-10	SHUNTING 2 OPERATION	1	3				11			11			03		
KLJ-TN-11	RAIL GRINDING OVERVIEW & THEORY	1	3			26				02		19			
KLJ-TN-12	RAIL GRINDING MACHINE INTRODUCTION	1	2			27				03					
KLJ-TN-13	RAIL GRINDING MACHINE OPERATION	1	2			28				04					
KLJ-TN-14	RAIL GRINDING MACHINE MAINTENANCE	1	2			29				05					
KLJ-TN-15	GROUDING STRAPS APPLICATION FOR TNM STAFF	1	3				16			16			18		
KLJ-TN-16	PIES SYSTEM OPERATION FOR TNM STAFF	1	3				17			17			19		
KLJ-TN-17	SHUNTING 3 OVERVIEW & OPERATION	2	3	16-17 23-24									23-24		
KLJ-TN-18	THERMOGRAPHIC INSPECTION	1	10	4, 11 18, 22			18, 19			18, 19			25, 31		
KELANA JAYA LINE POWER SUPPLY & DISTRIBUTION SYSTEM MAINTENANCE COMPETENCY TRAINING															
KLJ-PD-03	RECTIFIER OPERATION & MAINTENANCE OPERATION & MAINTENANCE (MEIDEN)	2	1				03-04								

COURSE CODE	COURSE NAME	DURATION (DAY)	SESSION	MONTH													
				1	2	3	4	5	6	7	8	9	10	11	12		
KLJ-PD-06	EARTHING SWITCH OPERATION & MAINTENANCE	2	3	04-05	08-09 20-21												
KLJ-PD-08	BULK SUPPLY SUBSTATION	2	3	16-17		19-20							26-27				
KLJ-PD-13	GROUNDING STRAP APPLICATION FOR MAINTENANCE	1	9					03, 14 21, 24, 30	04, 07 11					15			
KLJ-PD-16	TRANSFER SWITCH OPERATION & MAINTENANCE	1	4									04-05 20-21	18-19	27-28			
KLJ-PD-17	STINGER MAINTENANCE SYSTEM	2	9							10-11 24-25	28-29						
KLJ-PD-23	DC SWITCHGEAR OPERATION & MAINTENANCE (NDC)	1	4	15-23		01-09	16-24							01-09			
KLJ-PD-27	EARTHING SWITCH OPERATION	2	12	09, 28	05, 13 27	13, 26	09, 26	08	28	05							
KLJ-PD-41	TRAIN WASH PLANT OPERATION & MAINTENANCE	1	1														03-04
KLJ-PD-44	BATTERY & BATTERY CHARGER OPERATION & MAINTENANCE	1	4										29-30	01-02 13-14	06-07		
KELANA JAYA LINE SIGNALING & COMMUNICATION SYSTEM MAINTENANCE COMPETENCY TRAINING																	
KLJ-SC-01	AUTOMATIC TRAIN CONTROL (ATC) SYSTEM RUNNING REPAIR	5	3		05-09							23-27			22-26		
KLJ-SC-02	RADIO SYSTEM OPERATION AND MAINTENANCE	3	1	09-11													
KLJ-SC-03	COMMUNICATION NETWORK OVERVIEW & MAINTENANCE	3	2				03-05						04-06				
KLJ-SC-04	SUPERVISORY CONTROL & DATA ACQUISITION (SCADA) SYSTEM MAINTENANCE	2	2	17-18									19-20				
KLJ-SC-06	PUBLIC INFORMATION SIGN (PIS) SYSTEM MAINTENANCE	1	1				11										
KLJ-SC-07	PASSENGER INTRUSION EMERGENCY STOP (PIES) SYSTEM MAINTENANCE	2	4	23-24			17-18			17-18				09-10			
KLJ-SC-08	PUBLIC ADDRESS (PA) SYSTEM MAINTENANCE	2	1							10-11							
KLJ-SC-09	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM MAINTENANCE	2	1				24-25										
KLJ-SC-10	PLATFORM SCREEN DOOR (PSDS) SYSTEM OPERATION AND MAINTENANCE	4	3			26-29		07-10				27-30					
KLJ-SC-11	TELEPHONE & INTERCOM OPERATION & MAINTENANCE	2	1						05-06								
KLJ-SC-12	RADIO SYSTEM OPERATION (VRCS) FOR CC	1	1										26				
KELANA JAYA LINE ROLLING STOCK MAINTENANCE SYSTEM COMPETENCY TRAINING																	
KLJ-RS-01	VEHICLE ELECTRICAL SYSTEM MAINTENANCE	5	3	08-12			09-13			02-06							
KLJ-RS-02	VEHICLE AUXILIARY POWER UNIT (APU) MAINTENANCE 2-CAR	3	2			21-23		14-16									
KLJ-RS-03	VEHICLE POWER CONVERSION UNIT (PCU) 2-CAR	3	2				23-25				01-03						
KLJ-RS-04	VEHICLE BRAKE SYSTEM MAINTENANCE 2-CAR	3	2										02-04	12-14			
KLJ-RS-07	VEHICLE TRUCK MAINTENANCE 2&4-CAR KLAV	2	3	29-30			26-27			30-31							
KLJ-RS-10	VEHICLE PREVENTIVE MAINTENANCE 2&4-CAR KLAV	2	4	15-16			16-17			09-10				08-09			
KLJ-RS-11	VEHICLE ON BOARD CONTROLLER (VOBC) SYSTEM MAINTENANCE 2&4-CAR KLAV	4	4			05-08			04-07		06-09			15-18			
KLJ-RS-12	VEHICLE BRAKE ASSURANCE MONITOR (BAM) MAINTENANCE 2&4-CAR KLAV	2	2		22-23								24-25				
KLJ-RS-13	VEHICLE BATTERY MAINTENANCE 2&4-CAR	1	1										10				
KLJ-RS-15	VEHICLE COMMUNICATION SYSTEM 2&4-CAR	3	3			12-14		21-23			13-15						
KLJ-RS-18	VEHICLE COUPLER AND DRAWBAR SYSTEM 2&4-CAR KLAV	2	1								20-21						
KLJ-RS-22	VEHICLE AUXILIARY POWER UNIT (APU) MAINTENANCE 4-CAR	3	2	03-05			03-05										
KLJ-RS-23	VEHICLE POWER CONVERSION UNIT (PCU) MAINTENANCE 4-CAR KLAV	3	3		12-14			02-04			27-29						
KLJ-RS-24	VEHICLE BRAKE SYSTEM MAINTENANCE 4-CAR	3	2	17-19						11-13							
KLJ-RS-25	VEHICLE HEALTH SYSTEM MANAGEMENT (HMS) MAINTENANCE 4-CAR	3	3		19-21			07-09						29-31			
KLJ-RS-26	VEHICLE DOOR SYSTEM MAINTENANCE 4-CAR	3	1	23-25													
KLJ-RS-27	VEHICLE AIR CONDITIONING SYSTEM MAINTENANCE 4-CAR	3	3		26-28							03-05	22-24				
KLJ-RS-28	VEHICLE MANUAL TRAIN CONTROL (MTC) MAINTENANCE KLAV	4	2		05-08					23-26							
KLJ-RS-29	VEHICLE VENTILATION AND AIR CONDITION SYSTEM MAINTENANCE KLAV	3	3			26-28			18-20						07-09		
KLJ-RS-30	VEHICLE BRAKE SYSTEM MAINTENANCE KLAV	2	2			01-02		30-31									
KLJ-RS-31	VEHICLE DOOR SYSTEM MAINTENANCE KLAV	4	2						25-28			18-21					
KLJ-RS-32	VEHICLE COMMUNICATION SYSTEM WITH CCTV KLAV	3	2						11-13			12-14					
KLJ-RS-33	VEHICLE AUXILIARY POWER UNIT (APU) SYSTEM MAINTENANCE KLAV	2	3			19-20			21-22							01-02	
KLJ-RS-34	VEHICLE BATTERY SYSTEM MAINTENANCE KLAV	1	2						01				25				
KLJ-RS-35	VEHICLE TRAIN MANAGEMENT SYSTEM (TMS) KLAV	2	2					10-11				26-27					
KLJ-RS-36	VEHICLE WHEEL FLANGE LUBRICATION (WFL) SYSTEM MAINTENANCE KLAV	1	2							14		16					