## **RAIL OPERATIONS & ENGINEERING TRAINING PROGRAMME 2018**

		DUBATION		MONTH												
COURSE CODE	COURSE NAME	DURATION (DAY)	SESSION	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		
	MRT SBK LINE SYSTEMS & SUBSYSTEMS COMMON CORE TRAINING															
SBK-GC-01	SYSTEM OVERVIEW	2	4		05-06		02-03			02-03			01-02			
SBK-GC-02	RULE BOOK	6	4		07-14		04-11			04-11			03-10			
OPE-IN-01	SYSTEM OVERVIEW	1	1		08											
OPE-RB-01	RULE BOOK - GENERAL RAILWAY SAFETY	1	1	09												
OPE-RB-02	SAFETY COMMUNICATION	1	1	10												
OPE-RB-03	INCIDENT MANAGEMENT	1	1	11												
OPE-RB-04	INCIDENT AND ACCIDENT INVESTIGATION	1	1	12												
OPE-RB-05	SAFETY PERMIT	1	1	15												
OPE-RB-06	TRACK ACCESS AND ENGINEERING WORK POSSESSION	1	1	16												
	MRT SBK LINE OPERATION PROCEDURE COMPETENCY TRAINING															
SBK-OP-01	OPERATION CONTROL CENTRE PROCEDURE	6	4		15-23		12-19			12-19			11-18			
SBK-OP-02	STATION OPERATION PROCEDURE	5	4		15-22		12-18			12-18			11-17			
SBK-OP-03	TRAIN OPERATION PROCEDURE	5	4		23-01		19-25			19-25			18-24			
	MRT SBK LINE MAINTENANCE PROCEDURE COMPETENCY TRAINING															
SBK-MP-03	FAULT MANAGEMENT	1	4		22		19			19			18			
OPE-M-03	FAULT MANAGEMENT	1	3	09, 11, 16												
OPE-M-04	ADVERSE WEATHER PRECAUTION	1	3	08, 10, 15												
	MRT SBK LINE CONTROL CENTRE OPERATIONS SYSTEM COMPETENCY	TRAINING														
SBK-CC-CM-02	RADIO DISPATCHER OPERATION	1	8	05, 18	21	06	16	04, 21						27		
SBK-CC-PS-01	FSCADA OPERATION (OCC)	4	1			20-23										
SBK-CC-RF-01	OCC REFRESHER	5	6					07-11, 21-25	04-08		06-10	03-07		12-16		
SBK-CC-SC-01	S&TC ATS OPERATION (OCC)	5	1		26-02											
	MRT SBK LINE STATION & TRAIN OPERATION SYSTEM COMPETENCY T	RAINING														
OPE-O-01	CROWD CONTROL PROCEDURE	1	1	17												
OPE-O-03-01	TRAIN OPERATION RULES AND PROCEDURES - NORMAL	1	1	18												
OPE-O-03-02	TRAIN OPERATION RULES AND PROCEDURES - DEGRADED	1	1	19												
OPE-O-03-03	TRAIN OPERATION RULES AND PROCEDURES - EMERGENCY	1	1	22												
OPE-O-03-04	TRAIN OPERATION RULES AND PROCEDURES - PRACTICAL	1	1	23												
OPE-O-06	TRAIN RESCUE AND PASSENGER EVACUATION	1	1	24												
OPE-O-04-01	STATION OPERATION RULES AND PROCEDURES - NORMAL	1	1	25												
OPE-O-04-02	STATION OPERATION RULES AND PROCEDURES - DEGRADED	1	1	26												
OPE-O-04-03	STATION OPERATION RULES AND PROCEDURES - EMERGENCY	1	1	29												
OPE-O-04-04	STATION OPERATION RULES AND PROCEDURES - PRACTICAL	1	1	30												
SBK-ST-AG-01	APG/PSD OVERVIEW & APG OPERATION	3	11	17-19		28-30	25-27	16-18	06-08	25-27	28-30	19-21	03-05, 24-26	21-23		
SBK-ST-AG-02	PSD OPERATION	2	9			15-16	19-20	24-25	28-29	05-06	16-17	13-14, 27-28		15-16		
SBK-ST-BM-01	BMS OVERVIEW	1	18	10, 22	07	07, 19	04	09, 22	11, 26	03, 09	08	05, 25	08, 30	13		
SBK-ST-BM-02	BMS OPERATION	1	18	11, 23	08	08, 20	05	10, 23	12, 27	04, 10	09	06, 26		14		
SBK-ST-CM-01	PORTABLE & MOBILE RADIO OPERATION	1	20	04, 17	20	05	13	03, 18, 31	04	05, 13	02, 03	03	03, 08, 22, 29	12, 23		
SBK-ST-CM-02	TELEPHONE OPERATION	1	14	03, 16	19	02	12	02, 17, 30	01	04, 12	01			08, 22		
SBK-ST-CM-03	PAS & PIDS OPERATION	1	11	09, 22	23	08, 14	18	08, 23	06	09	07					

		DURATION		MONTH												
COURSE CODE	COURSE NAME	(DAY)	SESSION	1	2	3	4	5	6	7	8	9	10	11	12	
SBK-ST-CM-04	CCTV OPERATION	1	17	08, 19	22	07	17	07, 22	05	06	06	04	04, 09, 23, 30	14, 28		
SBK-ST-ET-01	TRAIN DRIVER	6	13	17-24	05-12	05-12, 14-21	03-10, 16-23		04-11, 21-28		01-08, 13-20	12-20, 21-28	20,00	07-14, 21-28		
SBK-ST-ET-01R	TRAIN DRIVER - REFRESHER	4	9		14-20	26-29	12-17		2120	03-06, 09-12	27-30	03-06	01-04, 08-11	2120		
SBK-ST-FS-01	FSCADA OVERVIEW	1	23	11, 24	27	12, 19	02, 09,	09, 15, 17, 24	07	10, 23	13	24	09, 22	01, 08, 22, 29		
SBK-ST-FS-02	FSCADA OPERATION (SO)	1	22	12, 25	28	13	03, 10,	10, 16, 18, 25	08	11, 24	14	25	10, 23	02, 09, 23, 30		
SBK-ST-ME-01	M&E SERVICES OVERVIEW	1	17	03, 10, 17, 24	06, 08, 13, 28	01, 06, 15, 19, 26	03, 10, 16, 24	10, 20						20, 00		
SBK-ST-PS-01	SHORT CIRCUIT DEVICE & EARTHING SWITCH OPERATION	2	7	04-05, 23-24	10, 20	26 08-09	10, 24	03-04	12-13		20-21			26-27		
	MRT SBK LINE TRACK NETWORK MAINTENANCE SYSTEM COMPETENC	Y TRAINING		20 24												
SBK-TN-DV-03	MULTI-PURPOSE VEHICLE	8	1									19-28				
SBK-TN-DV-04	PORTABLE RAIL PROFILE RECORDER	1	1							27						
SBK-TN-DV-06	RAIL GMV & UTV OPERATION	5	6		05-09	14-18				16-20		03-07	15-19	12-16		
SBK-TN-DV-07	RAIL GEOMETRY MEASURING VEHICLE SYSTEM	5	2			12-16		21-25								
SBK-TN-DV-08	RAIL REPROFILLING VEHICLE	5	2	15-19			16-20									
SBK-TN-DV-09	ULTRASONIC TESTING EQUIPMENT (UTV) SYSTEM	5	2			19-23			04-08							
SBK-TN-TM-01	TRACKWORK OVERVIEW	1	5	23		05		03	21			24				
SBK-TN-TM-02	SMALL PLANT AND MAINTENANCE TOOLS	2	6	03-04		07-08			11-12	23-24	01-02		03-04			
SBK-TN-TM-03	DEPOT TRACKWORK EQUIPMENT	2	4		27-28		26-27			02-03	07-08					
SBK-TN-TM-04	MAIN LINE TRACKWORK EQUIPMENT	2	5			27-28		30-31			27-28	12-13	22-23			
SBK-TN-TM-05	DEPOT & MAINLINE TURNOUT	4	5	09-12	20-23	20-23		08-11	26-29							
SBK-TN-TM-05R	DEPOT & MAINLINE TURNOUT	4	1									25-28				
SBK-TN-TM-06	CONDUCTOR RAIL COMPONENT	2	4				11-12		05-06			19-20		21-22		
	MRT SBK LINE POWER SUPPLY & DISTRIBUTION SYSTEM MAINTENANCE	CE COMPETEI	NCY TRAINII	NG												
S05-OV-01	PS&DS OVERVIEW	1	12		19	06	05	31	22		01, 02	07, 24	04, 19	22		
SBK-WP-DV-01	TRAIN WASH PLANT	3	1			28-30										
SBK-WP-ME-01	ELECTRICAL SERVICES OVERVIEW FOR ELEVATED STATION	1	1			05										
SBK-WP-ME-02	ELECTRICAL SERVICES OVERVIEW & ELECTRICAL PANEL - DEPOT	1	2						01			13				
SBK-WP-ME-03	DISTRIBUTION TRANSFORMER O&M	2	1							24-25						
SBK-WP-ME-04	UNINTERUPTABLE POWER SUPPLY (UPS) O&M	2	3				11-12, 26-27						16-17			
SBK-WP-ME-05	415 AC GENSET AND MOBILE GENSET O&M	2	2				20-21		25-26					08-09		
SBK-WP-ME-07	HIGH MAST	1	1											02		
SBK-WP-ME-08	110 DC CHARGER	1	4										10, 11	29, 30		
SBK-WP-PS-01	PS&DS OVERVIEW & BASIC ELECTRICAL SAFETY	2	2		27-28	01-02										
SBK-WP-PS-02	33KV SWITCHGEAR & GIS SWITCHGEAR O&M	4	2					08-11						13-16		
SBK-WP-PS-03	RECTIFIER AND TRACTION TRANSFORMER O&M	2	1					15-16								
SBK-WP-PS-04	DC SWITCHGEAR OPERATION & MAINTENANCE	2	4	16-19						10-13						
SBK-WP-PS-05	AUTOMATIC ASSURED RECEPTIVITY UNITS (AARU) O&M	2	2	29-30						18-19						
SBK-WP-PS-06	OVER VOLTAGE PROTECTION DEVICE (OVPD) SYSTEM O&M	2	2		08-09						14-15					
SBK-WP-PS-07	STRAY CURRENT COLLECTIVE SYSTEM (SCCS) O&M	2	2		22-23							04-05				
SBK-WP-PS-08	TRACK SWITCHES AND ISOLATOR O&M	2	1									19-20				
SBK-WP-PS-09	SHORT CIRCUIT DEVICE & EARTHING SWITCH O&M	2	1									27-28				
SBK-WP-PS-10	BATTERY AND CHARGER SYSTEM O&M	2	1			29-30										
SBK-WP-PS-11	BLUE LIGHT STATION (BLS) O&M	2	2				19-20						23-24			
SBK-WP-PS-12	STINGER SYSTEM O&M	2	1										30-31			
	BLACK OUT RELIEF (BOR) 33KV GENSET SYSTEM O&M	2	1						28-29							
	ACDB MK OPERATION & MAINTENANCE	2	1								07-08					
	MRT SBK LINE SIGNALING & COMMUNICATION SYSTEM MAINTENANCE			<u> </u>							<u> </u>		<u> </u>			
S03-OV-01	S&TC OVERVIEW	1	15	10, 23	26	09, 13, 15, 26,	03, 05, 24, 26	03, 14, 16								

		DURATION		MONTH											
COURSE CODE	COURSE NAME	(DAY)	SESSION	1	2	3	4	5	6	7	8	9	10	11	12
SBK-WE-SC-03	CITYFLO 650 WAYSIDE ATC MAINTENANCE	5	1								13-17				
SBK-WE-SC-04	CITYFLO 650 NETWORK COMMUNICATION SYS. MAINTENANCE	8	1									19-28			
SBK-WE-SC-05	ATS SYSTEM MAINTENANCE	4	1								27-30				
SBK-WE-SC-06	OCS950 & WAYSIDE SIGNALLING EQUIPMENT MAINTENANCE	4	1			27-30									
SBK-WE-SC-07	SPSDC SYSTEM MAINTENANCE	2	1									13-14			
S07-OV-01	TELECOMMUNICATION OVERVIEW	1	4	02, 15	15	01									
SBK-WE-CM-01	BTN MAINTENANCE & ADMIN.	3	1					14-16							
SBK-WE-CM-02	RADIO MAINTENANCE & ADMIN.	5	1										15-19		
SBK-WE-CM-04	AVAYA CM PABX MAINTENANCE & ADMIN.	3	1			20-22									
SBK-WE-CM-06	PAS & PIDS MAINTENANCE & ADMIN.	3	1				24-26								
SBK-WE-CM-07	CCTV MAINTENANCE & ADMIN.	1	1	29											
SBK-WE-CM-08	MASTER CLOCK MAINTENANCE & ADMIN.	1	2	30				11							
SBK-WE-CM-09	WDCS MAINTENANCE & ADMIN.	3	1						25-27						
SBK-WE-AG-01	APG MAINTENANCE	2	1							25-26					
SBK-WE-AG-02	PSD MAINTENANCE	2	1							23-24					
SBK-WE-FS-01	FSCADA MAINTENANCE	5	1							16-20					
	MRT SBK LINE ROLLING STOCK MAINTENANCE SYSTEM COMPETENCY	TRAINING													
SBK-RS-DV-01	DEMV OVERVIEW	1	3		05				01				29		
SBK-RS-DV-03	ACCOMODATION DUMMY BOGIE & BOGIE TURNTABLE	1	1				30								
	BATTERY POWERED FORKLIFT AND VEHICLE	1	6	29	12	09	12	07				18			
	DIESEL LOCOMOTIVE OPERATION	5	6	08-12			02-06			09-13	06-10		08-12	26-30	
	SELF-PROPELLED LIFTING EQUIPMENT	1	1	00 12	13		02 00			00 10	00 10		00 12	20 00	
	ELECTRIC SHUNTER	2	1					30-31							
SBK-RS-DV-17	PORTABLE EQUIPMENT	1	3			20		00 01		26				12	
	MOBILE LIFTING JACK FOR PASSENGERS CAR	2	1		26-27	20				20					
SBK-RS-DV-19	RERAILING SYSTEM + WHEEL SKATE	3	2		20 21			02-04			01-03				
	UNDERFLOOR WHEEL LATHE	5	1					25-29			0.00				
	WHEEL BORING MACHINE	3	1					20-29		23-25					
	WHEEL PRESS	5	1							02-06					
	ELECTRIC TRAINS (ET) OVERVIEW	2	2	10-11						02 00	07-08				
	PM1 - BASICS, ELECTRICAL AND MECHANICAL TRAIN SYSTEMS	3	2	15-17							14-16				
	PM2 - BASIC INSPECTION, MTHLY & YEARLY INTERMEDIATE INSP.	3	2	24-26							27-29				
	RM2: CAR BODY, INTERIOR, GANGWAYS, LIGHTING, FIRE SAFETY	3	2			06-08					29	04-06			
	RM4: PASSENGER DOOR SYSTEM	3	2			13-15						12-14			
SBK-RS-ET-09	RM5: BRAKE SYSTEM, AIR SUPPLY & BRAKE CONTROL	3	1			10 10						25-27			
	RM6: TRACTION SYSTEM COMPLETE INCLUDING DBCU	3	2					09-11				20-21	16-18		
	RM7: AUXILIARY POWER SUPPLY SYSTEM	3	2					15-17					23-25		
SBK-RS-ET-13	RM8: TRAIN MANAGEMENT SYSTEM	3	2					22-24						07-09	
	RM9: VAC SYSTEM	3	2						19-21					13-15	
SBK-RS-ET-14	RM10: COMMUNICATION SYSTEM: PIS & CCTV	3	2						26-28					21-23	
35K-K3-E1-13	MRT SBK LINE MECHANICAL & ELECTRICAL SYSTEM COMPETENCY TR								20-20					21-23	
SBK-FM-ME-21	OVERHEAD TRAVELING CRANE O&M	AINING 1	1	30											
SDIVI WI-WIE-ZI	MRT SBK LINE DEPOH EQUIPMENT & MAINTENANCE VEHICLE (S02) SY:														
SBK-IT-DV-01	CMMS OVERVIEW		4	03, 22	19				11						
	CMMS OPERATION	2	4	04-05,	20-21				12-13						
				23-24		00	10		12-13						
	AFC OVERVIEW	1	4	09	06	06	10								
SBK-AFC-02	AFC OPERATION FOR STATION STAFF	1	4	16	12	13	24								I

COURSE CODE	COURSE NAME	DURATION	SESSION	MONTH												
	COURSE CODE	COURSE NAIME	(DAY)	SESSION	1	2	3	4	5	6	7	8	9	10	11	12
	SBK-AFC-05	PTA OPERATION	1	17		13, 27, 28			03, 15, 31	05	23, 24	07, 15, 20	12	02, 23	01, 05	