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	
	MONORAIL LINE SYSTEMS & SUBSYSTEMS COMMON CORE TRAINING														
MNR-GC-01	MONORAIL LINE SYSTEM OVERVIEW AND INDUCTION	1	4				02		01			03			03
MNR-GC-02	RULE BOOK & RADIO PROCEDURE	2	4				03-04		04-05			04-05			04-05
MNR-GC-03	EMERGENCY RESPONSE PROCEDURE	2	4				05-06		06-07			06-07			06-07
MNR-GC-04	RULE BOOK AND EMERGENCY RESPONSE PROCEDURE (ERP) REFRESHER	2	20				02-03 09-10 16-17 23-24	07-08 14-15 21-22		16-17 23-24	06-07 13-14 20-21 27-28	03-04 12-13 19-20 24-25 26-27	01-02 03-04		
MNR-GC-05	ALTERNATE TRAIN SHUTTLE SERVICES (ATSS)	2	4				09-10		08-11			10-12			10-12
	MONORAIL LINE CONTROL CENTRE OPERATIONS SYSTEM COMPETENCY TRAINING														
MNR-CC-01	CLOSED CIRCUIT TELEVISION SYSTEM [CCTV]	1	8				02, 03 04, 05 09, 10 11, 12								
MNR-CC-02	SCADA SYSTEM	1	8				16, 17 18, 19 23, 24 25, 26								
MNR-CC-03	PUBLIC ADDRESS (PA), PASSENGER INFORMATION SIGN (PIS) & HELP POINT	1	8					02, 03 07, 08 09, 10 14, 15							
MNR-CC-04	CENTRALIZED TRAFFIC CONTROL (CTC) OPERATION	5	9					21-25	04-08 25-29	02-06 09-13 16-20 23-27	06-10 13-17				
MNR-CC-05	OCC COMPETENCY RE-VALIDATION	1	8								20, 21 23, 24 27, 28 29, 30				
	MONORAIL LINE TRAIN OPERATION SYSTEM COMPETENCY TRAINING														
MNR-TO-01	DRIVERS MANUAL	45	3	08-30	02-28	01-21									
MNR-TO-01(R)	DRIVERS MANUAL REFRESHER	2	23	08-09 10-11 15-16 17-18 22-23 24-25 29-30	05-06 07-08 12-13 14-15 19-20 21-22 26-27	05-06 07-08 12-13 14-15 19-20 21-22 26-27	02-03 04-05								
MNR-TO-02(R)	TRAIN DRIVER RE-LICENSING REFRESHER	2	21								06-07 08-09 13-14 25-16 20-21 27-28	03-04 05-06 12-13 18-19 24-25 26-27	01-02 03-04 08-09 10-11 15-16 17-18 22-23 24-25 29-30		
	MONORAIL LINE STATION OPERATION SYSTEM COMPETENCY TRAINING														
MNR-SO-01	STATION OPERATION MODULE 1	1	4				11		12			13			13
MNR-SO-01(R)	STATION OPERATION REFRESHER	1	11	15	19	12	02, 16		25	02, 16	06	24	08		
MNR-SO-02	STATION OPERATION MODULE 2	1	4				12		13			14			14
MNR-SO-02(R)	STATION OPERATION MODULE 2 REFRESHER	1	11	16	20	13	03, 17		26	03, 17	07	25	09		
MNR-SO-03	STATION OPERATION MODULE 3	1	4				13		14			16			17
MNR-SO-03(R)	STATION OPERATION MODULE 3 REFRESHER	1	11	17	21	14	04, 18		27	04, 18	08	26	10		
MNR-SO-04	STATION OPERATION MODULE 4	1	4				16		18			19			18
MNR-SO-04(R)	STATION OPERATION MODULE 4 REFRESHER	1	11	18	22	15	05, 19		28	05, 19	09	27	11		
	MONORAIL LINE ROLLING STOCK MAINTENANCE SYSTEM COMPETENCY TRAINING														
MNR-RS-01	ROLLING STOCK OVERVIEW	1	4	16, 18 23, 25											
MNR-RS-02	PROPULSION SYSTEM	3	4		06-08 13-15 20-22 27-01 Mar										
MNR-RS-03	COOLING SYSTEM	1	4			06, 08 13, 15									
MNR-RS-04	BRAKE & PNEUMATIC SYSTEM	1	4			20, 22 27, 29									
MNR-RS-05	COUPLER & DRAWBAR	1	4				03, 05 10, 12								
MNR-RS-06	PRIMARY POWER SYSTEM	1	4				17, 19 24, 26								

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				1	2	3	4	5	6	7	8	9	10	11	12
MNR-RS-07	AUXILIARY POWER SYSTEM	1	4				30	03, 08 10							
MNR-RS-08	LOW VOLTAGE SYSTEM	3	4					14-16	26-28	03-05 10-12					
MNR-RS-09	VEHICLE MANAGEMENT SYSTEM	1	4							17, 19 24, 26					
MNR-RS-10	HEATING VENTILATION & AIR CONDITIONING SYSTEM	1	4							31	02, 07 09				
MNR-RS-11	DOOR HEADER MECHANISM	1	4								14, 16 21, 23				
MNR-RS-12	GANGWAY SYSTEM	1	4								28, 30	04, 06			
MNR-RS-13	BOGIE	1	4									10, 13 18, 20			
MNR-RS-14	ROLLING STOCK COMMUNICATION	1	4									25, 27	02, 04		
MNR-RS-15	EUROPEAN TRAIN CONTROL SYSTEM (ETCS) ON BOARD O&M	1	4										09, 11 16, 18		
MNR-RS-17	DEPOT OPERATION	1	4											23, 25 30	01
	MONORAIL LINE WAYSIDE POWER SUPPLY & DISTRIBUTION MAINTENANCE SYSTEM COMPETENCY TRAINING														
MNR-PD-01	250KVA GENERATOR SET & 1000KVA GENERATOR	1	2	15, 17											
MNR-PD-02	POWER INDICATION SYSTEM	1	2		22, 24										
MNR-PD-03	BLUE LIGHT SYSTEM	1	2	29	05										
MNR-PD-04	STINGER SYSTEM	1	2		07, 12										
MNR-PD-05	LOAD BREAK SWITCH	1	2		14, 19										
MNR-PD-06	AARU CONTROLLER	1	2		21, 26										
MNR-PD-07	750KVA TRANSFORMER & 1000KVA GENERATOR TRANSFORMER	1	2		28	05									
MNR-PD-08	VACUUM CIRCUIT BREAKERS & SWITCHGEAR	1	2			07, 12									
MNR-PD-09	MAIN SWITCH BOARD	1	2			14, 19									
	MONORAIL LINE WAYSIDE SIGNALING & COMMUNICATION SYSTEM MAINTENANCE COMPETENCY TRAINING														
MNR-SC-01	CENTRALIZED TRAFFIC CONTROL (CTC) MAINTENANCE	1	2	17, 18											
MNR-SC-02	INTERLOCKING MAINTENANCE	1	2	24, 25											
MNR-SC-03	EUROPEAN TRAIN CONTROL SYSTEM (ETCS) LINE SIDE ELECTRONIC UNIT (LEU) MAINTENANCE	1	2		07, 08										
MNR-SC-04	TECHNICAL TERMINAL (TT) MACHINE	1	2		14, 15										
MNR-SC-05	TECHNICAL DETECTION SYSTEM (TDS)	1	2		21, 22										
MNR-SC-06	WAYSIDE MAINTENANCE	1	2		28	01									
MNR-SC-07	AUTOMATIC TRAIN PROTECTION (ATP) SYSTEM MAINTENANCE	1	2			07, 08									
MNR-SC-08	OPEN TRANSPORT NETWORK (OTN) COMMUNICATION NETWORK	1	2			14, 15									
MNR-SC-09	CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM MAINTENANCE	1	2			21, 22									
MNR-SC-10	SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEM MAINTENANCE	1	2			28, 29									
MNR-SC-11	PUBLIC ADDRESS (PA), PASSENGER INFORMATION SIGN (PIS) & HELP POINT	1	2				04, 05								
MNR-SC-12	WIFI SYSTEM MAINTENANCE	1	2				11, 12								
MNR-SC-13	UNINTERRUPTIBLE POWER SUPPLIES (UPS)	1	2				18, 19								
	MONORAIL LINE TRACK NETWORK MAINTENANCE SYSTEM COMPETENCY TRAINING														
MNR-TN-01	SWITCH BEAM OPERATION & MAINTENANCE	1	2	16, 18											
MNR-TN-02	BOGIE DROP PIT	1	2	23, 25											
MNR-TN-03	AUTOMATIC TRAIN WASH PLANT	1	2	30	06										
MNR-TN-04	BOGIE TESTING MACHINE	1	2		08, 13										
MNR-TN-05	RUN FLAT INSERTION EQUIPMENT	1	2		15, 20										
MNR-TN-06	TIRE CHANGING MACHINE	1	2		22, 27										
MNR-TN-07	HYDRAULIC PRESS EQUIPMENT	1	2			01, 06									
MNR-TN-08	COMPRESSED AIR SYSTEM	1	2			08, 13									
MNR-TN-09	CARGO LIFT	1	2			15, 20									