Signalling Like for Like Renewal Work Instruction			WO No. Page 1 of 2
Scope:			**Date:**
Team Leader:		**Apparatus Type:**	
Activity:	**SIGNALLING AIR-LINE COMPONENT LIKE FOR LIKE RENEWAL**		
Reference: PR S 40008, PR S 40010, PR S 40011,			
APPLICATION			
This Work Instruction is intended for air-line work involving the replacement of a Like for Like component on the signalling air-line system, where the work will NOT affect the working of operational signalling equipment.			
Activity No.	Task No.	**WORK DESCRIPTION**	**Completed Name/Sign**
		APPARATUS INSPECTION & PREPARATION	
1	**1A**	Compare the existing air-line component to be replaced to the specific design and ensure it is of correct configuration and type.	
	1B	Ensure the new component is of correct configuration and type in accordance with the specific design.	
2	**2A**	Inspect the new component and any fittings for defects.	
3	**3A**	Conduct an apparatus inspection of the components in the work area for signs of deterioration or damage that may affect the work.	
4	**4A**	Analyse and document the air-line disconnection points on an attached air-line diagram and determine if working signalling equipment will be affected by the work. If so, then the work shall be referred to the relevant Signalling Maintainer, otherwise if signalling not affected, continue with this work instruction.	
		SAFEWORKING & DISCONNECTION FROM INTERLOCKING	
5	**5A**	Inform the relevant Signalling Maintainer of the intentions for the pending work.	
	5B	Liaise with the Signaller and inform of intended work and provide contact details in event of inadvertent loss of signalling. Additionally, inform of potential air alarms triggered by the work.	
6	**6A**	Identify the limits of isolation and locate the isolation valves.	
	6B	Isolate the air supply to the air-line component intended for replacement. Ensure the air supply to operational signalling equipment is maintained. This can be achieved by feeding air from an alternate part of the air system or by fitting a temporary air compressor to the manifold. Do not rely on stored air in pipes, hoses or reservoirs, etc as this will eventually result in failure of the operating signalling apparatus.	
	6C	Check with the Signaller that signalling equipment has not been affected by the air isolation.	
		DISCONNECTION, REMOVAL AND INSTALLATION	
7	**7A**	Carry out the replacement of the air-line component	
8	**8A**	Once complete, restore air supply to the air-line system. Remove any temporary compressor device or other temporary arrangement (if used) as part of preparatory works.	

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		CERTIFICATION	
9	**9A**	Ensure all valves are in their Normally Open or Closed position in accordance with the specific design.	
10	**10A**	Functionally test the replaced air-line component and any air-line components affected by the work.	
	10B	Arrange for the Signaller to check the operation of signalling within the affected area of the work.	
11	**11A**	Certify the work by signing this Work Instruction.	
12	**12A**	Ensure signalling apparatus has been secured/locked and work area clear of construction or redundant material.	

I certify the _____ (air-line component) at _____ has been replaced and tested and is fit for service.

_____ Print Name

_____ Position

_____ Signature

_____/_____/_____ Date