

Track Circuit History Card – 50 Hz A.C. SR DR Track Circuits

SINGLE RAIL

DOUBLE RAIL

Any additional information needed - (sketch of track / Location IDs, distances, equipment positioning, bonds, etc.)

TRACK: _____

LENGTH _____ m

NUMBER OF IMPEDANCE BONDS* _____

IMPEDANCE BOND TYPES* _____

TRACK FEED*	
STORE 37	(100VA)
STORE 45	(200VA)
STORE 47	(200VA)
W.B.S.	(220VA)

RELAY TYPE*	
VT1	
G.R.S	
KYOSAN	
McK&H / WBS	

TEST SHUNT*			
WBS	S.R	0.5Ω	
SIG.BCH	S.R.	0.25Ω	
D.R. (RESONATED BOND)		0.25Ω	
D.R. (STANDARD BOND)		0.06Ω	

CHANGE OF RELAYS				
DATE	SERIAL No	P.U. VOLTS	COMP.VOLTS	D.A. VOLTS

DATE DD/MM/YY	Remarks / Service Schedule (SS01,SS02, SS03, SS04,etc)	FEED END					RELAY END						CHECKS			Ballast Condition Good Moderate Poor Dry / Wet	Test Equipment Used (Type & Ser. No.)	Tested by: Name of Testing Officer (Print Name)			
		Location ID:		Feed Voltage (V)	Feed Current (A)	Track ⁽²⁾ Voltage (V)		Rail Current ⁽¹⁾ (A)		Track ⁽²⁾ Voltage (V)		Relay Volts (V)		Zero Feed (mV)	Drop Shunt (Ω)				Polarity/ Phase Check (OK)	Fixed Shunt Test (Tick each test Point) _____Ω	Spark Gaps (Y / N)
		Mains Supply Voltage (V)				UP	DN	UP	DN	UP	DN	Cont	Local								
	First Full Recorded Test																				
	Last Full Recorded Test																				

(1) CHECK RAIL CURRENTS ARE WITHIN 0.5A (2) RECORD VOLTAGE EACH RAIL TO NEUTRAL ON DOUBLE RAIL ELECTRIFIED TRACKS *Where applicable *PLACE CROSS AGAINST APPROVED TYPE

