

GO TRANSIT SIGNALS & COMMUNICATIONS CODES OF PRACTICE

MX Project # or Contract #				Contractor			
Road				City			
Subdivision				Mileage			
Description							
GI NUMBER	Refer to S&C General Instructions for the complete description of these tests.	Applicable		Completed In	Complete By	Checked By	
		Y	N	Infor	Initial	Initial	
301 (a)	System installed in accordance with approved plans and specifications. Actual clearance distance _____ feet.			N/A			
301 (b) 301 (b) (1) 301 (b) (2)	All tests and checks completed. System is functioning as designed.						
301 (c)	All wiring errors and design errors noted and recorded.			N/A			
301 (e)	Operating tests completed; operating check sheets attached. Copies forwarded to the S&C Manager. Copy of this "signed" form, SCP 1210-3, left in field location. Applicable tests completed in SCIS.			N/A			
301 (f)	Circuit Design plans updated "As Installed". Copies provided to field location, Supervisory officer, and Metrolinx.						
301 (j)	Damaged equipment tagged unfit for service and returned for repair.			N/A			
301 (l)	Applicable tests completed in SCIS.			N/A			
301 (m)	Inspect and test all apparatus not specifically covered by documented Metrolinx instructions.			N/A			
301 (o)	All equipment and devices are authorized and non-experimental unless specifically			N/A			
301 (p)	Comply with all rules, standards, and instructions.			N/A			
301 (t)	Enter all software CRCs and checksums into SCIS.			N/A			
302	All cable housings inspected.						
303	Test for grounds of all operating and control batteries completed and recorded.						
305 (a) 305 (b) 305 (c)	Storage batteries - voltage and current readings checked and recorded.						
307	Inspected and tested recording devices.						
309	Verified that ground resistance values are within spec.						

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310(a)(2)	Storage batteries - voltage and current readings checked and recorded.					
310 (a) (4)	Checked the operation of the warning system in both AC and DC modes using the test switch.					
310 (a) (5)	Checked visibility and condition of warning lights & signs.					
310 (a) (6)	Bell tested and operates properly.					
310 (a) (7)	Gates tested and operate properly.					
310 (a) (8)	AC power voltage tested, and voltage is within the proper range.					
310 (a) (9)	Controlling devices confirmed in normal state after completion of all tests. All test links are double nutted.					
310 (b) (2)	Interconnected Highway Traffic Signal Device control circuits checked and operate as intended.					
310(b)(5)	DTMF Activation and Deactivation functions as intended.					
310 (c) (1)	Warning signal flashing rate within specifications and recorded. Actual flash rate: _____fpm					
310 (c) (2)	Flasher device operation verified correct.					
310 (c) (3)	All gate mechanisms are installed and adjusted and operate properly.					
310 (c) (4)	All warning lights are properly aligned, and focused (record on SCP-1210-9).					
310 (c) (5)	Lamp voltage adjusted to spec.					
310 (c) (6)	Load test performed on operating batteries.					
310 (c) (7)	Warning time verified and recorded for each approach circuit.					
310 (c) (8)	Visually inspect condition of each approach.					
310 (d)	Gate mechanism Hold/Clear and Motor Control relay Electrical values within specifications.					
310 (e)	Constant warning/motion sensor properly calibrated. Manual transfer functionality verified.					
312	Insulation resistance tests completed on all applicable wires and cables. All readings must exceed 500,000 ohms.					
313	All lightning arresters visually inspected.					

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323 (a) 323 (b) 323 (b) (1) 323 (b) (2) 323(c) 323(d)	All relays visually inspected and electrically tested, with an approved test set, and are in good condition and meet (shop) electrical specifications.					
326	Fouling circuits inspected and tested. All wires intact and shunt detection operates as intended.					
327 (a) 327 (b)	Tested switch circuit controllers and centering devices located within the warning system. Approach inspected and tested. All adjustments agree with circuit plan requirements.					
328	All signal masts or structures and all associated attachments installed.					
331	Timer relay(s) or equivalent devices tested. Time interval(s) between 90 - 110 % of design time interval shown on plans.					
332 (a)	Inspected all bond wires, track connections, and insulated joints.					
333 (a) 333 (b)	All track circuits adjusted and tested.					
335	Electronic control equipment checked and tested. Software level verified and recorded on operating check list.					
336	Non-vital electronic control equipment checked and tested. Software level verified and recorded on operating check list.					
401	All signal and housing foundations level and installed.			N/A		
403	All signal apparatus requiring paint have been painted.			N/A		
404	All gaskets on housings and other signal apparatus verified to be in good condition.			N/A		
405	All seals properly installed.			N/A		
406	Inspected and tested wayside pushbuttons and panels.			N/A		
407	All fuses checked.			N/A		
408	Electrical contacts of relays and other controlling devices operate as designed.			N/A		
409	Mechanical connections such as pipe lines, cranks, rods and associated apparatus inspected. All are in good condition.			N/A		
410	Signal lamps and sockets inspected.			N/A		

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This system has been installed and checked in accordance with applicable rules and instructions. The responsible Supervisory Officer and foreman granting in service authorization shall sign below.

Signature of Foreman		Signature of Supervisory Officer	
Date (mm/dd/yy)		Date (mm/dd/yy)	

NOTES
