

GO TRANSIT SIGNALS & COMMUNICATIONS CODES OF PRACTICE

MX Project # or Contract #				Contractor			
Location		Subdivision				Mileage	
Description							
GI Rule Number	Refer to S&C General Instructions for the complete description of these tests.	Applicable		Completed In	Completed By	Checked By	
		Y	N	Infor	Initial	Initial	
301 (a)	System installed in accordance with approved plans and specifications.	<input type="checkbox"/>	<input type="checkbox"/>	N/A			
301 (b) 301 (b)(1) 301 (b)(2)	All tests and checks completed. System is functioning as designed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
301 (c)	All wiring errors and design errors noted and recorded.	<input type="checkbox"/>	<input type="checkbox"/>	N/A			
301 (e)	Operating tests completed, operating check sheets attached. Copies forwarded to Manager of Signals - Rail Corridors. Copy of this "signed" form, SCP 1209-3, left in field location. Applicable tests completed in Infor.	<input type="checkbox"/>	<input type="checkbox"/>	N/A			
301 (f)	Circuit Design plans updated "as installed". Copies provided to field location and Metrolinx designated design office.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
301 (j)	Damaged equipment tagged unfit for service and returned for repair.	<input type="checkbox"/>	<input type="checkbox"/>	N/A			
301 (k)	Applicable tests completed in Infor.	<input type="checkbox"/>	<input type="checkbox"/>	N/A			
301 (m)	Inspect and test all equipment not specifically covered by documented Metrolinx instructions.	<input type="checkbox"/>	<input type="checkbox"/>	N/A			
301 (o)	All equipment and devices are authorized and non-experimental unless specifically authorized.	<input type="checkbox"/>	<input type="checkbox"/>	N/A			
301 (p)	Comply with all rules, standards, and instructions.	<input type="checkbox"/>	<input type="checkbox"/>	N/A			
301 (t)	Enter all software CRCs and checksums into Infor.	<input type="checkbox"/>	<input type="checkbox"/>	N/A			
302	All cable housings inspected.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
303	Test for grounds of all operating and control batteries completed and recorded.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
305(a) 305(b) 305(c)	Storage batteries - voltage and current readings checked and recorded.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
307	Inspected and tested recording devices.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
309	Verified that ground resistance values are within spec.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

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312	Insulation resistance tests completed on all applicable wires and cables. All readings must exceed 500,000ohms.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
313	All lightning arresters visually inspected.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
314	All poleline and attachments visually inspected.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
315	Approach locking verified for each possible route.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
316	Detector locking is verified for each switch and OS circuit.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
317	Indication locking is verified for each possible route.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
318	Movable bridge locking is verified for each bridge locking mechanism.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
319	Route locking is verified for each possible route.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
320	Time locking is verified for each possible route.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
321 (a)	Traffic locking is verified for each possible route.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
321 (b)	Field blocking is verified for each route.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
322 (a) 322 (b)	All searchlight mechanisms operate correctly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
323 (a) 323 (b) 323 (b) (1) 323 (b) (2)	All relays visually inspected and electrically tested, with an approved test set, find are in good condition and meet (shop) electrical specifications.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
326	Fouling circuits inspected and tested. All wires intact and shunt detection operates as intended.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

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329 (a) 329 (b) (1) 329 (b) (2) 329 (b) (3) 329 (c) (1) 329 (c) (2) 329 (c) (3) 329 (c) (4) 329 (c) (5) 329 (d) (1) 329 (d) (2) 329 (d) (3) 329 (d) (4)	Power switch, rollers, and accessories are adjusted properly and functioning as intended.					
330(a) 330(b) 330(c)	Spring switch is adjusted properly and functioning as intended.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
331	Timer relay(s) or equivalent devices tested. Time interval(s) between 90 - 110% of design time interval shown on plans.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
332(a) 332(b) 330(c)	Inspected all bond wires, track connections, and insulated joint.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
333(a) 333(b)	All track circuits adjusted and tested.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
334(a) 334(b) 334(c)	Slide fences, washout detectors, and signal activators inspected and function as intended	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
335	Electronic control equipment checked and tested. Software level verified and recorded in Infor.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
336	Non-vital electronic control equipment checked and tested. Software level verified and recorded operating check list.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
401	All signal and housing foundations level and installed	<input type="checkbox"/>	<input type="checkbox"/>	N/A		
402	All signal masts or structures and all associated attachments installed.	<input type="checkbox"/>	<input type="checkbox"/>	N/A		
403	All signal equipment requiring paint have been painted	<input type="checkbox"/>	<input type="checkbox"/>	N/A		
404	All gaskets on housings and other signal verified to be in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	N/A		
405	All seals properly installed.	<input type="checkbox"/>	<input type="checkbox"/>	N/A		

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406	Inspected and tested wayside pushbuttons and panels.	<input type="checkbox"/>	<input type="checkbox"/>	N/A		
407	All fuses checked.	<input type="checkbox"/>	<input type="checkbox"/>	N/A		
408	Electrical contacts of relays and other controlling devices operate as designed.	<input type="checkbox"/>	<input type="checkbox"/>	N/A		
409	Mechanical connections such as pipe lines, cranks, rods and associated apparatus inspected. All are in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	N/A		
410	Signal lamps and sockets inspected.	<input type="checkbox"/>	<input type="checkbox"/>	N/A		
411	Signal lamp alignment inspected.	<input type="checkbox"/>	<input type="checkbox"/>	N/A		

This system has been installed and checked in accordance with applicable rules and instructions.

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
