



North Raleigh Model Railroad Club

Module Certification Checklist

Module Name: _____ Module Size: _____

Module Owner: _____ Date Module Built: _____

1. Mechanical Certification

Item	OK	Item	OK
Module physical dimensions correct		Solid/sturdy legs	
Module frame square (horiz/vert)		Legs correct length/adjustable feet	
Appropriate materials used to build		Legs securely attached to module	
Good construction practice used		Skyboard dimensions in standard	
Module frame/legs painted correct shade		Skyboard painted/correct shade	

2. Track Certification

Item	OK	Item	OK
Type/brand of track used		Track spacing from module skyboard	
Brand/size of turnouts used		Spacing between tracks	
Insulating blocks at crossovers		Track spacing from module ends	
Insulating blocks at Private tracks		Curved track radius	
Electrical gaps 4 rails at turnout frogs		Track gauge — public tracks	
Track ballasted		Track clearances — NMRA	
Flangeways clear of ballast		Track clearances — NTRAK high/wide	

3. NTRAK/Common Wiring Certification

Item	Red	Yellow	Blue	Orange	Green	Other	White	Brown	LocoNet
Wiring present									
Wiring meets minimum gauge									
Wiring connected to track							n/a	n/a	n/a
Wiring connected to connectors									
Connectors at correct module ends									
Connectors color coded									n/a
Wires firmly fastened to underside of module									
Polarity correct at track							n/a	n/a	n/a
Polarity correct at both connectors									
Continuity check OK									
General appearance of wiring									
No exposed wiring/connections									
All connection soldered/screwed									

Note that any 120VAC wiring is prohibited on any module. Presence of 120VAC wiring is a Module Certification failure.

4. Private Wiring Certification

Item	OK
Wiring diagram attached to rear of skyboard	
Local control of NTRAK main lines	
Local control operates correctly	

5. Scenery Certification

Item	OK	Item	OK
No bare plywood		Scenery consistent with theme of module	
No scenery damaged		Buildings consistent with theme of module	
No buildings damaged		Scenery material does not interfere with operation	
Building construction complete		Scenery material anchored to module, cannot move onto tracks	

6. Notes

Classification: _____

Inspection by: _____

Inspection date: _____

Instructions

- Check each item on the check list sequentially in the order listed.
- For compliance simply place a check mark (✓) in the appropriate box on the form.
- For total absence of an item, simply write "no" or "n/a" in the appropriate box on the form.
- For non-compliance, enter a number (sequential numbers for more than one item of non-compliance) in the appropriate box on the form, and, using the same number as reference, write an explanation of the non-compliance in the

"Notes" section (Section 6) on the form. This provides a full explanation to the module owner of the item(s) of non-compliance.

When complete, copies of the check list should be given to the module owner and the Club Secretary. The module owner can then use the form as proof of Certification or as a list of items that need to be corrected. The Club Secretary will use the form for updating the list of certified modules. The original will be retained by the Standards Committee as record of the Certification.