

# SHOW-READY MODULE CERTIFICATION FORM

## **PART ONE** Basic Information (to be completed by owner) PLEASE: PRINT IN BLOCK LETTERS WITH BLACK INK

Owner Name \_\_\_\_\_ Module Name \_\_\_\_\_

Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Home Phone \_\_\_\_\_

Work Phone \_\_\_\_\_

Cell Phone \_\_\_\_\_

Pager \_\_\_\_\_

E-mail \_\_\_\_\_

NTRAK Club \_\_\_\_\_

**PLEASE**  
place an "X" in  
each box by best  
number(s) to use  
during shows

Standard:  ONE BOX  
 NTRAK  
 oNeTRAK  
 TwiN TRAK  
 Bend Track  
 T-TRAK

Shape:  ONE BOX  
 Straight  
 Offset\* \_\_\_\_\_ in.  
 Outside Corner\* \_\_\_\_\_°  
 Inside Corner\* \_\_\_\_\_°  
 Junction\*  
 Access (e.g., lift bridge)

Through Tracks:  ALL WITH CONNECTING TRACKS AT MODULE ENDS

ORANGE  YELLOW   
 RED  BLUE   
 GREEN

Overall Size:  
 Length \_\_\_\_\_ ft. \_\_\_\_\_ in.  
 Depth \_\_\_\_\_ ft. \_\_\_\_\_ in.

Turnouts:

• None   
 • Locked  { IN STRAIGHT POSITION  
 • Working  Switch # \_\_\_\_\_ { e.g. #4 = Very Sharp  
 #7, #8 = Gradual

Owner's Signature \_\_\_\_\_  
 Date Form Completed \_\_\_\_\_  
 DRAWINGS  NUMBER ATTACHED  PHOTOS

\* Note: Organizers of large shows may ask module owners with these configurations to attach scale drawings and/or photographs in advance.

## **PART TWO** Checklist (to be completed by Local NTRAK Club Inspector) { See MODULE INSPECTION GUIDE for details and suggestions

### TRACKS

	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Ends are firmly fastened down where connecting tracks attach	<input type="checkbox"/>	<input type="checkbox"/>
Are straight, horizontal & perpendicular to module ends	<input type="checkbox"/>	<input type="checkbox"/>
Are spaced on centers according to standard for this type module	<input type="checkbox"/>	<input type="checkbox"/>
Ruling grade does not exceed established limit for this type module	<input type="checkbox"/>	<input type="checkbox"/>
Curves, turnouts are no sharper than applicable minimum radius	<input type="checkbox"/>	<input type="checkbox"/>
Are Code 80 rail, with tight metal joiners or soldered joints throughout	<input type="checkbox"/>	<input type="checkbox"/>
Have no permanent magnet (uncouplers) in or under the ties	<input type="checkbox"/>	<input type="checkbox"/>

### INSPECTION TRAINS\*

	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
No derailments caused by rough track or ballast in flangeways	<input type="checkbox"/>	<input type="checkbox"/>
Turnouts stay in set position and don't pick wheel flanges	<input type="checkbox"/>	<input type="checkbox"/>
Clearance car passes through tunnels, under overhead bridges, etc.	<input type="checkbox"/>	<input type="checkbox"/>
Train maintains same speed (no voltage drop indicated) on all tracks	<input type="checkbox"/>	<input type="checkbox"/>
Flawless runs through all mainline tracks (incl. "S" curves/crossovers)	<input type="checkbox"/>	<input type="checkbox"/>

\* KEY RECOMMENDATIONS FOR TRACK INSPECTION TRAINS:  
 Two (2) long, six (6) axle diesel locos pulling a consist including several of each car types: loaded double stacks, high cubes and long passenger cars, all with body-mounted MT (or equiv.) couplers, some with low profile wheels and others with "pizza cutter" flanges. Run this train through all community tracks of test module in both directions from connected modules. Then, slowly pull a shorter train with a single four (4) axle loco w/o flywheel.

### WIRING

	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Cinch-Jones Plugs are properly color-coded on both ends of module	<input type="checkbox"/>	<input type="checkbox"/>
Male plugs on right end (facing front) have wide blade run to front rail	<input type="checkbox"/>	<input type="checkbox"/>
Female plugs on left end (facing front) have wide slot run to front rail	<input type="checkbox"/>	<input type="checkbox"/>
All mainline feed wires (R-Y-B) are at least 18-gauge or heavier	<input type="checkbox"/>	<input type="checkbox"/>
Each mainline rail is electrically isolated from all other rails	<input type="checkbox"/>	<input type="checkbox"/>
Power to yards/sidings can be disconnected from mainline tracks	<input type="checkbox"/>	<input type="checkbox"/>
Drop in track voltage is no more than 0.15 - one end of module to other	<input type="checkbox"/>	<input type="checkbox"/>
Plugs are reversed on inside corner used as outside corner (or vice versa)	<input type="checkbox"/>	<input type="checkbox"/>
Junction plugs are properly reversed where required	<input type="checkbox"/>	<input type="checkbox"/>
Both WHITE (min. 16-gauge) and 120-VAC wires are in working order	<input type="checkbox"/>	<input type="checkbox"/>

### FRAME

	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Clamping areas are clear	<input type="checkbox"/>	<input type="checkbox"/>	Benchwork is solid	<input type="checkbox"/>	<input type="checkbox"/>
Plywood edges flush w/frame	<input type="checkbox"/>	<input type="checkbox"/>	Frame is square	<input type="checkbox"/>	<input type="checkbox"/>

### OTHER

	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Two (2) good 'C' clamps provided	<input type="checkbox"/>	<input type="checkbox"/>	Skirt provided w/module	<input type="checkbox"/>	<input type="checkbox"/>
120-volt wiring meets code req.	<input type="checkbox"/>	<input type="checkbox"/>	Skirt provided by club	<input type="checkbox"/>	<input type="checkbox"/>

UPON SATISFACTORY COMPLETION: FILL IN BLANKS ON STICKER AND APPLY SEAL IN CONSPICUOUS AREA ON PIT SIDE OF MODULE

## CERTIFICATION

Having inspected this module, together with its owner, I have determined that it COMPLIES with all applicable standards for inclusion in a mainline position at any NTRAK gathering of modules participating in a public showing.

Inspector's Signature \_\_\_\_\_

Name - Printed \_\_\_\_\_ Date PASSED \_\_\_\_\_

NVNTRAK FORM: J040419-8

MODULE OWNER MAY MAKE COPIES OF THIS CERTIFICATE TO ACCOMPANY CONVENTION REGISTRATIONS