

MEADE AREA RAILROAD SOCIETY — MODULE INSPECTION CHECKLIST

Module Owner/Inspection Date:	Y	N	N/A
I. General Arrangement and Trackwork			
A. Code 100 Rail			
B. Clearances			
1. Horizontal 1-1/32"			
2. Vertical 3"			
C. Mainline Track Centers: Distance from Front of Module			
1. Front Track: 5"			
2. Second Track: 7"			
D. Track Setback from End of Module: 4.5"			
E. Curved Track Centerline Spacing: 2.5" Min.			
F. Straight Track Centerline Spacing: 2" Min.			
G. Maximum Mainline Grade: 3% or less			
H. Mainline Turnouts: #6 Min.			
I. Curve Radii:			
1. Mainline 32" Min.			
a. Smooth Transition from Tangent			
b. Smooth Flow throughout Curve			
2. Industrial 24" Min.			
a. Smooth Transition from Tangent			
b. Smooth Flow throughout Curve			
II. Electrical			
A. Main Power Bus: 16-ga. or larger, 2-conductor stranded			
B. Track Feeder Connections: soldered, solid			
C. Power Connections: 1/4" mono phone plugs			
1. Male Plugs on Right (as seen from front)			
2. Female Plugs on Left (as seen from front)			
D. Color-Coded Wiring:			
1. First (front) Main Track: RED			
2. Second Main Track: YELLOW			
3. Third Main: BLUE (if applicable)			
4. Fourth Main: GREEN (if applicable)			
E. All wire splices soldered and taped			
III. Benchwork			
A. Height Adjustable to 40"+/- 1/2"			
B. Module is Sturdy Enough to Survive Set-up, Operation, and Tear-down			
C. Skirting, and Provision for Attachment			
IV. Level of Scenery/Hazards			
1. Ballast (no higher than railhead, and not blocking flangeways)			
2. Crossings (flangeways and coupler pin clearance meet NMRA standards)			
3. Platforms (sufficient side clearance for trains on tracks)			
4. Signals (sufficient side clearance for trains on tracks)			
5. Figures (secured to layout; sufficient clearance for trains on tracks)			
6. Foliage (secured to layout; sufficient clearance for trains on tracks)			
7. Terrain (sufficient clearance for trains on tracks)			
8. Other details			
9. Complete?			
V. Remarks and Milestones (on back)			

Damaged areas/Repairs needed

Possibilities to improve appearance

Milestones (to be agreed upon between module owner and superintendent for next train show)