



ACHIEVEMENT PROGRAM

MODEL RAILROAD ENGINEER CIVIL

RECORD AND VALIDATION FORM

May 2006

PLEASE ATTACH THIS FORM TO A COMPLETED STATEMENT OF QUALIFICATIONS (SOQ) FORM.

Member's Name: _____

NMRA #: _____

Date Submitted: _____

Region: _____

It is hereby certified that the Civil options described below, built or installed, on one or more model railroads by the above named NMRA member, have been personally examined by two or more judges appointed by the Region or Division AP Chair; that the items are either scratchbuilt or super-detailed or are commercial items properly installed, have been adjusted to be operational and meet all applicable NMRA Standards.

1. One original scale drawing of a model railroad track plan identifying:

- | | | |
|---|---|---|
| <input type="checkbox"/> Overall Size | <input type="checkbox"/> Facilities Turnout Sizes | <input type="checkbox"/> Four Switching Locations |
| <input type="checkbox"/> Scale | <input type="checkbox"/> Terminal | <input type="checkbox"/> Turning of Motive Power |
| <input type="checkbox"/> Track Elevations | <input type="checkbox"/> Motive Power Storage | <input type="checkbox"/> Two Mainline Train Operation |
| <input type="checkbox"/> Curve Radii | <input type="checkbox"/> Mainline Passing Siding | |

2. Construct and demonstrate the satisfactory operation of a completed section of the model railroad and trackwork described in Section 1. The section must contain at least 25 linear feet of track in Z, N, or TT scale, 50' in HO or S, 75' in O or 100' in G or #1, with appropriate ballast, drainage facilities and roadbed profile, and may contain spurs, yards, etc. Trackwork shall have examples of at least **SIX** of the following features:

- | | | |
|--|---|--|
| <input type="checkbox"/> Passing siding | <input type="checkbox"/> Turntable | <input type="checkbox"/> Coal Dump Track |
| <input type="checkbox"/> Spur | <input type="checkbox"/> Transfer Table | <input type="checkbox"/> Ash Pit |
| <input type="checkbox"/> Crossover | <input type="checkbox"/> Super Elevation | <input type="checkbox"/> Service Pit Track |
| <input type="checkbox"/> Reversing Loop | <input type="checkbox"/> Simple Overhead Wire | <input type="checkbox"/> Grade Elevation |
| <input type="checkbox"/> Wye | <input type="checkbox"/> Compound Overhead Wire | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Simple Ladder | <input type="checkbox"/> Scale Track | |
| <input type="checkbox"/> Compound Ladder | <input type="checkbox"/> Cog Railway Track | |

3. Construct for Merit Award Judging scratchbuilt models of any three of the following.

- | | | |
|--|---|--|
| <input type="checkbox"/> Turnout (Point or Stub) | <input type="checkbox"/> Crossing | <input type="checkbox"/> Double Junction Turnout |
| <input type="checkbox"/> Crossover | <input type="checkbox"/> Gauntlet Track | <input type="checkbox"/> Three-Way Turnout |
| <input type="checkbox"/> Double Crossover | <input type="checkbox"/> Gauntlet Turnout | <input type="checkbox"/> Spring Switch or |
| <input type="checkbox"/> Single Slip Switch | <input type="checkbox"/> Dual Gauge Turnout | <input type="checkbox"/> Operating Switch |
| <input type="checkbox"/> Double Slip Switch | <input type="checkbox"/> Gauge Separation Turnout | in overhead wire |

JUDGE'S NAME	SIGNATURE	NMRA #

REGIONAL AP CHAIR: _____ REGION: _____ DATE: _____