

RailBoss® Railroad Track Scale

Conditions of Use

The RailBoss® Railroad Track scale is certified as being intrinsically safe and appropriate for use in hazardous locations as long as the conditions of use stated in this document are followed. This is a controlled document, any changes must be reviewed by Factory Mutual (FM) Research Approvals.

Certification and Classification

The RailBoss is certified for use in hazardous locations per United States and Canadian standards and is issued for the following equipment:

RailBoss is a load receiving device and junction box.

Hazardous (Classified) Location Electrical Equipment Per US Requirements

Certificate No: 3043980

Approval Standards: IS / I, II, III / 1 / ABCDEFG / T4 Ta = 50°C; - 133000; Entity;
Entity Parameters: $V_{max} = 12V$, $I_{max} = 400\text{ mA}$, $P_i = 1.2\text{ W}$, $C_i = 0\text{ }\mu F$, $L_i = 0\text{ mH}$

Equipment Ratings: Intrinsically safe (Entity) for Class I, II, III Division 1, Groups A, B, C, D, E, F & G
Hazardous (Classified) locations.

Hazardous Location Electrical Equipment Per Canadian Requirements

Certificate No: 3043980C

Approval Standards: IS / I, II, III / 1 / ABCDEFG / T4 Ta = 50°C; - 133000; Entity;
Entity Parameters: $V_{max} = 12V$, $I_{max} = 400\text{ mA}$, $P_i = 1.2\text{ W}$, $C_i = 0\text{ }\mu F$, $L_i = 0\text{ mH}$

Equipment Ratings: Intrinsically safe (Entity) for Class I, II, III Division 1, Groups A, B, C, D, E, F & G
Hazardous (Classified) locations.

Conditions of Use

Service

The entire scale (RailBoss) must be shipped back to Rice Lake Weighing Systems for repair. Please contact a local dealer or Rice Lake Weighing Systems to obtain a return material authorization (RMA). There are no user serviceable parts within the RailBoss. All repairs are to be performed by qualified service personnel only. Removing the warranty and liability label compromises the FM rating.

Special Conditions of Use

Electrostatic Charging Hazard - clean the junction box enclosure with a damp cloth only.

System Limitations and Restrictions

- All instrumentation must have identification nameplates in compliance with control drawings
- No modifications shall be made in the field
- It is mandatory to return RailBoss to Rice Lake Weighing Systems for service



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Rice Lake Weighing Systems is an ISO 9001 registered company.

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