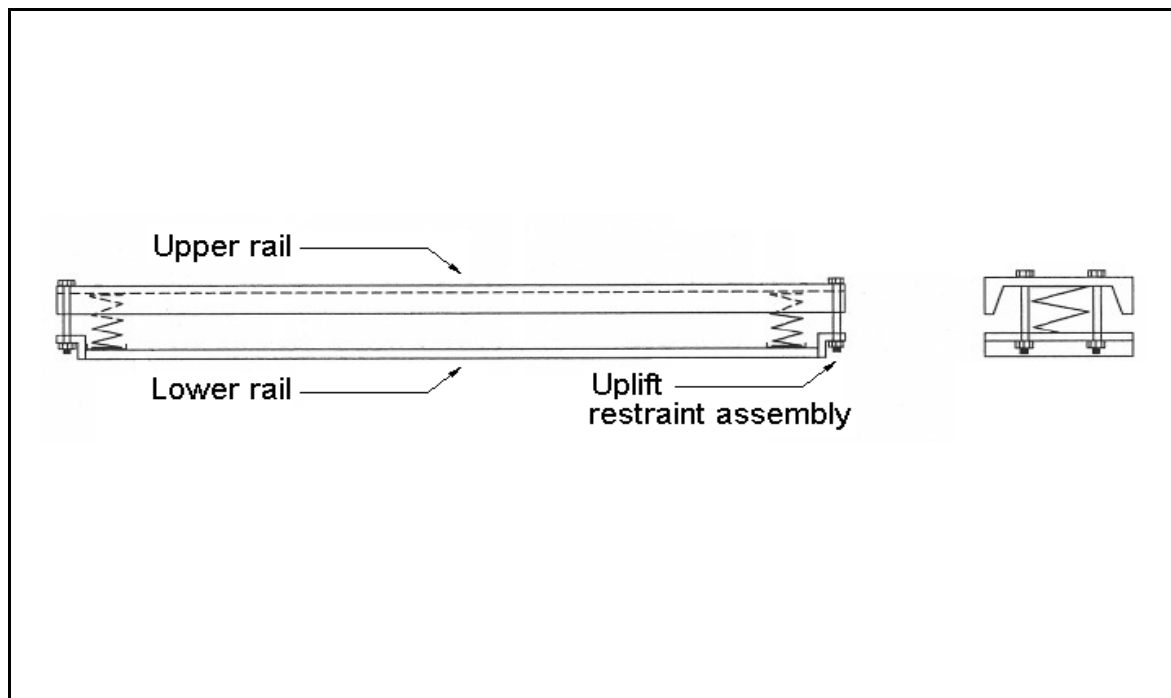




1. CT rails consist of upper rails for mounting the equipment being isolated, lower rails which are attached to the concrete / steel structure, and isolation springs which are located between upper and lower rails. The upper and lower rails have spring cups which are welded to each, which provide spring locations.
2. Attach lower rails to concrete/steel structure by welding or bolting. Structural member should support full face of lower rail.
 - a. *For attachment to steel:* To achieve full rating, weld each lower rails to structural steel on both sides, 6" in from each end of CT rails and then a maximum of 54" centers. Minimum 0.25" fillet welds 6" long.
 - b. *For attachment to concrete:* To achieve full rating, bolt each lower rail to structure using ASTM A325 or GR. 5 fasteners as per quantity / size provided in lower rail.
3. Carefully align the supported equipment with the mounting holes provided in the upper rails.
4. Lower the equipment into place taking care to apply the load equally on both rails and evenly along the length of the rails.
5. Do not slide the equipment when the full weight is on the rails.
6. Bolt the equipment to the upper rails using fasteners specified by the equipment manufacturer in the all holes provided in the upper rails
7. Equipment will compress spring when installed, but will compress further if / when water is added to equipment. Locate pipe lines based on anticipated final elevation considering ratio of equipment dry weight to wet weight.
8. After equipment is installed and full of water (if applicable), then set the clearance between uplift restraint ruts and lower rail to 1/8". This will restrain equipment from rising if / when water is drained.

Notes / Remarks :

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Consultant :

Representative:

Title :

**CT
Isolation Rails
Installation Instructions**

Drawing no.

I-300099.01

Rev. 0