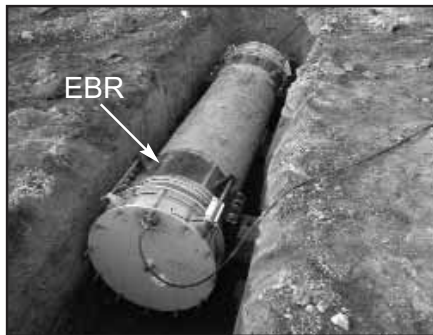
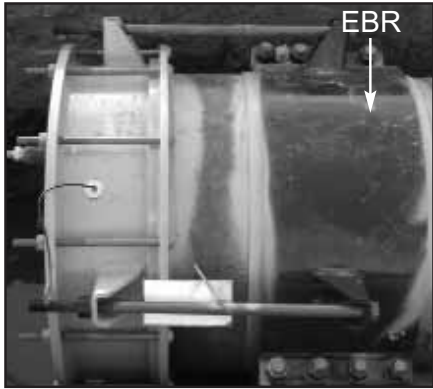




EBR Restraint

Installation Instructions



1. Clean pipe 14" wide in area clamp to be installed. The pipe must be free of all mastic, coating, loose corrosion and contamination.
2. Position the top grip ring on the pipe.
3. Locate and position the top clamp band over the grip ring ensuring the grip ring is engaged in the cavity of the band.
4. Utilizing the outer studs/nuts only, raise the lower band with the grip ring in the band cavity. Only hand tighten the studs/nuts.
5. Check all components for proper position, gaps must be equal and aligned.
6. To ensure proper grip ring seating, pull/push the loosely positioned top and bottom bands toward the end of the pipe.
7. Install and tighten all clamping studs/nuts. Care must be taken to keep the gaps on both sides of the pipe equal.
8. Final torque for the clamp nuts is 120 ft-lbs min. 150 ft-lbs max. All fasteners must fall in this torque range.
10. Install the endcap/coupling to be attached to the EBR device using standard approved installation techniques. Be sure the lugs on the products are aligned within 2°.
11. Install all of the connecting rods through the lugs. (Finger tight only). After all rods are in place, the nuts on one end of each rod should be turned 1/2 of a turn past finger tight.

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