



The EPG Connection

Your Resource for Landfill, Environmental, and Industrial Solutions!

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In This Issue: EPG Quick Tip - Conduit Seal-Off Installation | Conference Schedule

EPG Quick Tip - Conduit Seal-Offs



Conduit Seal-Offs are a low cost way to protect expensive, mission critical equipment from corrosive and explosive vapors while adding a level of convenience and safety for operators and maintenance staff IF installed properly.

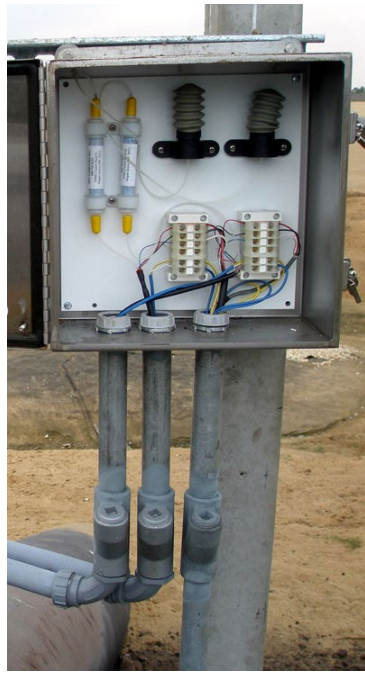
****Seal-offs should be installed in each conduit run between the breakout junction boxes and control panels****

This first field photo is a level sensor junction box with a seal-off (far right) correctly placed between the junction box and the electrical control panel to help protect the vital and often expensive components in that control panel from corrosive and explosive vapors.

The two seal-offs installed on the left conduits between the junction box and riser may protect the less costly junction box but will make it very difficult to remove the level sensors for servicing.

The leads will need to be cut below the seal-offs, not to mention, the seal offs and length of conduit will need to be replaced. If the sensors still function their leads may now be too short.

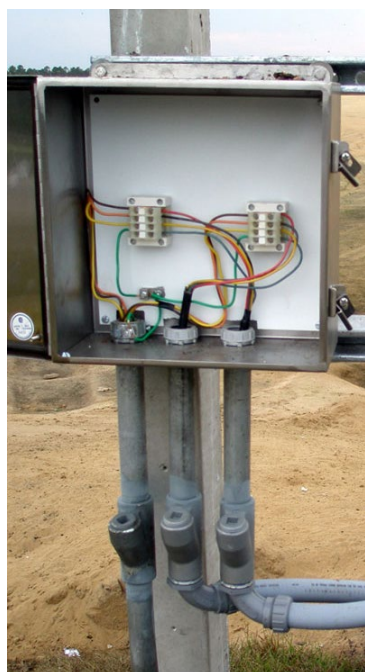
In addition, and perhaps more importantly, these junction boxes will not be able to compensate for pressure or vacuum in the sump as intended, resulting in inaccurate level readings.



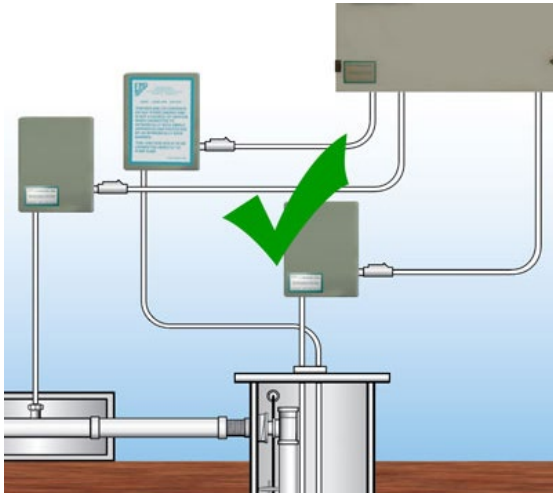
This second photo is a motor lead junction box with a seal-off (far left) correctly placed on the conduit between the junction box and the electrical control panel to help protect the vital and often expensive components in that control panel from corrosive and explosive vapors.

The two seal-offs installed on the right conduits between the junction box and riser may protect the less costly junction box but will make the process of pulling the pumps for service cumbersome.

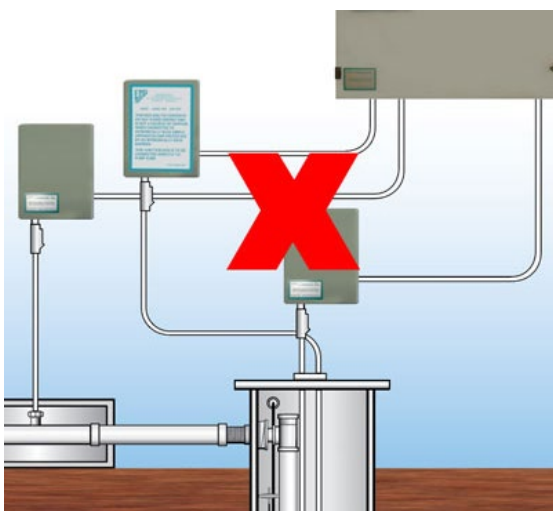
The motor leads will need to be cut below the seal-offs, not to mention, the seal offs and length of conduit will need to be replaced. This could result in the motor lead lengths being too short when reinstalling.



Correct Installation (Between Control Panel and Junction Boxes)



Incorrect Installation (Between Junction Boxes and Sump/Riser)



**Seal-offs are ineffective unless the damming fiber and sealing compound are in place. This is typically the responsibility of the electrician so be certain to check that this has been done.*

If you have any questions about the information above, please call and ask to speak to one of our Application Specialists 1-800-443-7426.

Industry Events

This list of events is updated each month. We will do our best to keep the list accurate when published.

Oct 1 Arizona SWANA Meeting & Golf Tournament
Tucson, AZ (The Riech Co. Participating)

Oct 4-6 Iowa Rec. & Solid Waste Conference
Cedar Rapids, IA (EPG Exhibiting)

Oct 5-7 Kansas SWANA (Show Cancelled)
Mulvane, KS

Oct 12-14 MsSWANA Magnolia Chapter Conference
Natchez, MS (The Reich Co. Exhibiting)

Nov 1-3 SWANA Colorado Conference
Boulder, CO (The Reich Co. Exhibiting)

Nov 4 ESD Solid Waste Technical Conference
East Lansing, MI (EPG & LJD Enterprises Participating)

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