



REIDTERRA

# Tracer Wire Station (TWS) Installation Guide

INSTRUCTIONS	WHAT YOU WILL NEED	DIAGRAM
<b>STEP 1.</b> Prepare tracer wire station (TWS). Submit the faceplate and stickers to the on site Supervisor who will be responsible for proper labeling. Immediately apply the colour coded sticker to the faceplate. Next, push screws through sticker into holes in the faceplate. By pushing the screws through the sticker, it will help to prevent each screw from falling out and being lost.		
<b>STEP 2.</b> Disregard Step 2 if Conduit has already been bonded to the tracer wire station. Otherwise, apply PVC cement to one end of the conduit and inside the receiving collar on the TWS. Apply the PVC cement to the first 6mm of the conduit.		
<b>STEP 3.</b> Immediately insert the end of conduit covered with PVC cement into the receiving collar located on the bottom of the TWS. Push firmly and allow time for the PVC cement to set.		
<b>STEP 4.</b> While you wait for the PVC cement to set, go to each riser and pull the tracer wire straight. If there is more than 1.5m of wire above ground level, cut it to the appropriate length. If there is no tracer wire visible, dig near the base of the riser to locate it. Next, proceed by stripping 10mm of the tracer wire coating. Insert the tracer wire through the conduit, up to TWS housing.		
<b>STEP 5.</b> Undo the set screw on the mechanical lug and insert the tracer wire under the set screw. Tighten the set screw.		
<b>STEP 6.</b> Position the TWS on flange stud and ensure it does not touch or interfere with any wellhead piping or valves. Once positioned secure the TWS to the stud using an extra proper size nut and washer. Make sure the TWS is facing the travelled area for more effective performance and easier access. <b>DO NOT OVERTIGHTEN NUT.</b>		
<b>STEP 7.</b> Once secured, it is recommended to perform a tracer wire electrical continuity test as per CSAZ66213.1.4.1. Record the results inside the faceplate on the continuity sticker.		
<b>STEP 8.</b> Each screw only needs approximately 2 full rotations into the threads, tighten evenly. If you overtighten one screw, it will make it hard to get the other three screws started. <b>DO NOT OVERTIGHTEN.</b>		

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The Limited Warranty covers units that were installed in accordance with the installation guide for two years after the manufactured date displayed on the unit in question. Take pictures of the defective unit in service before replacement to help tell your story at the distribution centre.