



RETA Ohio General Meeting Minutes

October 5, 2013

In Attendance:

Chris Cost

Bernie Vitallo

Chad Rader

Vicki Schneider

Tim Burton

Jeff Sutton

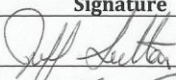
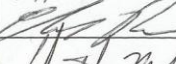
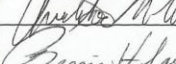
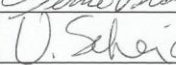


General Meeting Notes:

Identifying Failures in Insulation:

- Visual ice
- Exterior insulation cold to touch
- Water dripping
- Higher temperatures the more moisture it can hold
- FSK/ASJ paper insulation covering/ tape
- Sealcoat – Plastic Jacket – can crack & separate (joints pulling apart)—usually the result of frost build up under the insulation.
- Cold on the bottom doesn't mean failure is at the bottom—gravity is pulling moisture.
- Thermal conductors – pipe supports through insulation
- Insulation doesn't move as much as pipe moves online/offline
 - Consider expansion joints
 - Expansion stops at vessel connections typical run 60' apart on straight runs

- Make repairs immediately-reduce repair costs exponentially. Use childers CP-70 caulking at any unsealed joints. Inspect after heavy storms
- Typically moisture under insulation
- Failed insulation at high spots are critical since vapor will travel down hill
- **Question:** What to do with tight spots?
 - Use single part spray foam
- Banding
 - S/S bands much preferred
 - AL bands pop off – cracks from installation
 - Inside: PVC preferred for moisture w/ UV rated. PVC breaks down after several years
 - Outside: Metal preferred for UV protection. Long service life time PVC w/ metal barrier
- Ultrasonic Inspection stresstell ± 0.002 accuracy
 - Need flat surface
 - Need to grind smooth to get full wall reading
 - 25% wall thickness removed – replacement scheduled 1-3yrs
 - 50% wall thickness removed – replacement immediately
 - New → Ultrasonic meters can test through paint
 - Recommend the inspection conducted w/ new meter to read through paint

**Sign-in Sheet
 RETA Ohio General Meeting
 October 4, 2013**

	Name	Signature	Company	Phone	Email
1.	Jeff Sutton		SUTTON & ASSOC		jeff@suttonandassoc.com
2.	CHAD RADER		SUTTON & ASSOC		chad@suttonandassoc.com
3.	Chris Cost		Harry & David		ccost@windstream.net
4.	Bernie Vitalto		Gebers Poultry		bvitalto@gebers.com
5.	Vicki Schneides		SRM ASSOCIATES		vschneider@srmsconsulting.net
6.	TIM BURTON		SUTTON & ASSOC		TIM@SUTTONANDASSOC.COM
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