



SEPTEMBER 4, 2007

LABORATORY NO: 09-04-0000

SAMPLE: Hot Surface Coating was tested to withstand freezing temperatures in the following ranges at increments of two hours and until 6:00am the following day.

Test	Temperature	Thickness	Time	Comments
1 <sup>st</sup>	83 degree F	3/8" HSC	1:00 pm	Initial
2 <sup>nd</sup>	15 degree F	3/8" HSC	3:00 pm	Schedule 40 pipe 60 Deg
3 <sup>rd</sup>	15 degree F	3/8" HSC	5:00 pm	41degree F
4 <sup>th</sup>	20 degree F	3/8" HSC	7:00 pm	34 degree F
5 <sup>th</sup>	10 degree F	3/8" HSC	9:00 pm	33 degree F
6 <sup>th</sup>	15 degree F	3/8" HSC	12:00 am	33 degree F
7 <sup>th</sup>	36 degree F	3/8" HSC	6:00 am	50 degree F Drained H2O

(Moved sample to refrigerator at 2:00am to reflect cold temperatures during winter)

COMMENTS: The Hot Surface Coating was sprayed on a schedule 40 pipe with two end caps and a thermometer at the end of one cap for temperature readings. Pictures were taken for each test to show the temperatures on the coating being evaluated and the temperature in the freezer. The sample was then moved to the refrigerator at 2:00 am to reflect the temperatures in the Rio Grande Valley when cold.

Respectfully Submitted

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