

Ultrasonic Thickness Test

Vessel Lines

Date	5 27 2015					Customer	FMC Technologies			
Unit	Unit # LH-00032				Job #	0				
Description of Work: UT- Line Heater Coils						300 #		12600		
			- no noute	r cons						
	Description	Dia.	Schedule	Nom.	Min.					
P 1	Straight joint	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						.986	1.002	1.012	1.001	
P 2	Straight joint	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						1.035	.989	1.014	1.015	
	Straight joint		XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						1.018	.994	1.011	.985	
P 4	Straight joint	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						1.011	1.020	1.005	.993	
P 5	Straight joint	3.00	XXH	1.000	.600	Ref.	Ref	Ref.	Ref.	
						.989	1.010	1.007	1.018	
P 6	Straight joint	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						.998	.997	.992	.999	
P 7	Straight joint	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						1.013	1.003	.991		
P 8	Straight joint	3.00	XXH	1.000	.600	Ref.	Ref.	.991 Ref.	1.005	
		0.00		1.000	.000	1.007	1.000	1.013	Ref.	
P9	Box 90	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	1.011 Ref.	
		0.00		1.000	.000	1.782	1.666	1.790	Kei.	
P 10	Box 90	3.00	ХХН	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						1.753	1.710	2.553	and the second se	
P 11 P 12	Box 90 Box 90	3.00 3.00	XXH XXH	1.000 1.000	.600 .600	Ref.	Ref.	Ref.	1.848 Ref.	
						1.828	2.512	1.627		
						Ref.	Ref.	Ref.	1.827 Ref.	
						1.852	2.549	1.826		
P 13	Box 90	3.00	ХХН	1.000	.600	Ref.	Ref.	Ref.	1.678 Ref.	
	1					1.797	2.502	1.782	1.664	
P 14	Box 90	3.00	ХХН	1.000	.600	Ref.	Ref.	Ref.	Ref.	
Niele						1.818	2.553	1.802	1.655	
P 15	Box 90	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
				1000	.000	1.799	2.532	1.771	1.659	
P 16	Box 90	3.00	ХХН	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						1.765	2.543	1.649	1.792	
2 17	Box 90	3.00	ХХН	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						1.772	2.542	1.591	1.812	
P 18	Box 90	3.00	XXH	1.000	.600	Ref.	Ref."	Ref.	Ref.	
10						1.779	1.645	1.794		
P 19	Box 90	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
1.00	D					1.780	2.539	1.679	1.833	
20	Box 90	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						1.828	2.547	1.664		
21	Box 90	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
			· · · · · · · · ·	1.000	.000	1.826	2.535	1.665	1.779	
22	Box 90	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	1.//9 Ref.	
				1.000	.000	1.810	2.485	1.670	1.785	
23	Straight joint	3.00	ХХН	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						1.065	1.000	.988	.995	
24	Straight joint	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	.995 Ref.	
						1 033.	.998	1.010	1.008	
25	Straight joint	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						.996	1.019	1.036	1.023	



Ultrasonic Thickness Test

Vessel Lines

Date			-27-2015			Customer FMC Technologies				
Unit #	<i>‡</i>	Ι	LH-0032			Job #	12600			
Descr	iption of Work:	UT-	Line Heater	c Coils			1			
	Description	Dia.	Schedule	Nom.	Min.					
P 26	Straight joint	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
	Stranght Joint	5.00		1.000	.000	.998	.986	1.004	1.003	
P 27	Straight joint	3.00	ХХН	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						.997	1.005	1.021	1.013	
P 28	Straight joint	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						1.015	1.029	1.002	1.015	
P 29	Straight joint	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						1.024	1.002	1.015	1.010	
P 30	Straight joint	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						1.007	1.004	1.018	1.005	
P 31	Box 90	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						1.772	2.536	1.663	1.842	
P 32	Box 90	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
						1.794	2.537	1.629	1.814	
P 33	Box 90	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
Dat						1.802	2.542	1.665	1.828	
P 34	Box 90	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
Dar	Box 90	3.00	ХХН	1.000	.600	1.808	2.539	1.667	1.818	
P 35						Ref.	Ref.	Ref.	Ref.	
D 26	Box 90 Box 90	3.00 3.00	XXH XXH	1.000 1.000	.600 .600	1.707	2.541	1.801	1.870	
P 36						Ref.	Ref.	Ref.	Ref.	
D 27						1.793	1.660	2.542	1.820	
P 37						Ref. 1 795	Ref.	Ref.	Ref.	
P 38	Box 90	3.00	XXH	1.000	.600	1.785 Ref.	2.546	1.687	1.781	
1 30							Ref.	Ref.	Ref.	
P 39	Box 90	3.00	ХХН	1 000	.600	1.808 Ref.	2.546 Ref.	1.659	1.804	
1 37				1.000		1.819	2.517	Ref.	Ref.	
P 40	Box 90	3.00	XXH	1 000	600	1.019 Ref.	2.51/ Ref.	1.597 Ref.	1.836 Ref.	
10	DUA 70	5.00	ллп	1.000	.600	1.790	2.559	1.672	1.835	
P 41	Box 90	3.00	ХХН	1.000	.600	Ref.	2.559 Ref.	1.0/2 Ref.	1.835 Ref.	
		5.00				1.800	1.664	2.553	1.756	
P 42	Box 90	3.00	XXH	1.000	.600	Ref.	Ref.	Ref.	Ref.	
		2.00		1.000	.000	1.800	1.790	1.617	•	
P 43	Box 90	3.00	XXH	1.000 1.000	.600	Ref.	Ref."	Ref.	Ref.	
			- 17			1.706	2.506	1.769	1.789	
P 44	Box 90	3.00	XXH		.600	Ref.	Ref.	Ref.	Ref.	
						1.787	2.536	1.614		
P						Ref.	Ref.	Ref.	Ref.	
0						•				
P						Ref.	Ref.	Ref.	Ref.	
P						Dof	• D-f	• •		
E						Ref.	Ref.	Ref.	Ref.	
P						Ref.	Ref.	• Dof	D-6	
L								Ref.	Ref.	
P						Ref.	· Ref.	Ref.	Ref.	
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