

Magnetec Inspection, Inc.

Excellence in Eddy Current Inspection Technology & Failure Analysis

TUBE AND SHELL EXCHANGERS

DATE OF REPORT:	November 1, 2020
NAME OF CUSTOMER:	West, Texas
BUNDLE IDENTIFICATION:	30E1b Process cooler

ROLL AREA DATA PAGES:

PROPER STAINLESS STEEL ROLL REDUCTION = 4%

FIXED TUBESHEET - TOP HALF (Section1)

ROW	TUBE	MEASUREMENT
1	1	0.409
1	15	0.408
1	30	0.411
5	1	0.409
5	10	0.415
5	20	0.411
5	28	0.416
8	5	0.414
8	20	0.410
11	10	0.413
11	15	0.408
13	1	0.409
13	20	0.410
14	5	0.412
14	10	0.407

FLOATING TUBESHEET - TOP HALF (Section1)

ROW	TUBE	MEASUREMENT
1	1	0.409
1	15	0.411
1	30	0.413
5	1	0.411
5	10	0.410
5	20	0.414
5	28	0.409
8	5	0.412
8	20	0.411
11	10	0.411
11	15	0.411
13	1	0.415
13	20	0.409
14	5	0.410
14	10	0.408

FIXED TUBESHEET - BOTTOM HALF (Section2)

1	1	0.407
1	15	0.409
1	30	0.412
5	1	0.410
5	10	0.412
5	20	0.415
5	28	0.414
8	5	0.409
8	20	0.408
11	10	0.407
11	15	0.409
13	1	0.414
13	20	0.413
15	1	0.412
15	12	0.414
17	1	0.409
17	6	0.410

FLOATING TUBESHEET - BOTTOM HALF (Section2)

1	1	0.413
1	15	0.414
1	30	0.408
5	1	0.415
5	10	0.411
5	20	0.412
5	28	0.411
8	5	0.410
8	20	0.415
11	10	0.413
11	15	0.407
13	1	0.409
13	20	0.411
15	1	0.410
15	12	0.415
17	1	0.407
17	6	0.412