Roller shaft deflection Report

Company Name: h
Equipment Name: h
Capacity: h
Date of Measurement: 1/11/26
Method: Single Point
No. of Pier: 2

Position	Measurement Angle	Data Measured	S.R. Run Out
1	0.00	11.63	0.33
2	5.62	11.52	0.44
3	11.25	11.96	0.00
4	16.88	11.14	0.82
5	22.50	11.66	0.30
6	28.12	11.14	0.82
7	33.75	11.49	0.47
8	39.38	11.77	0.19
9	45.00	11.24	0.72
10	50.62	11.25	0.71
11	56.25	11.61	0.35
12	61.88	11.90	0.06
13	67.50	11.79	0.17
14	73.12	11.48	0.48
15	78.75	11.71	0.25
16	84.38	11.63	0.33
17	90.00	11.43	0.53
18	95.62	11.67	0.29
19	101.25	11.55	0.41
20	106.88	11.66	0.30
21	112.50	11.13	0.83
22	118.12	11.77	0.19
23	123.75	11.06	0.90
24	129.38	11.48	0.48
25	135.00	11.85	0.11
26	140.62	11.26	0.70
27	146.25	11.39	0.57
28	151.88	11.76	0.20
29	157.50	11.77	0.19
30	163.12	11.83	0.13
31	168.75	11.43	0.53
32	174.38	11.66	0.30
33	180.00	11.63	0.33
34	185.62	11.35	0.61
35	191.25	11.66	0.30
36	196.88	11.63	0.33
37	202.50	11.53	0.43
38	208.12	11.02	0.94
39	213.75	11.93	0.03
40	219.38	11.80	0.16

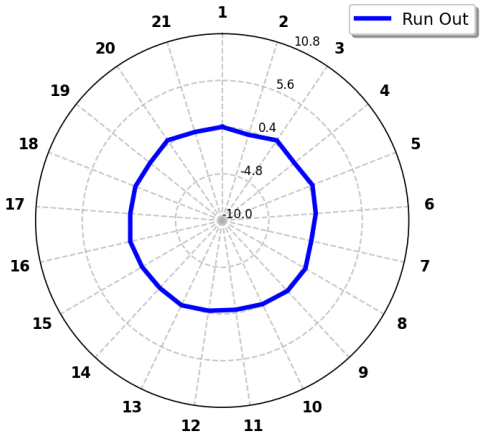
Result:

Run out Range = 0.95 mm

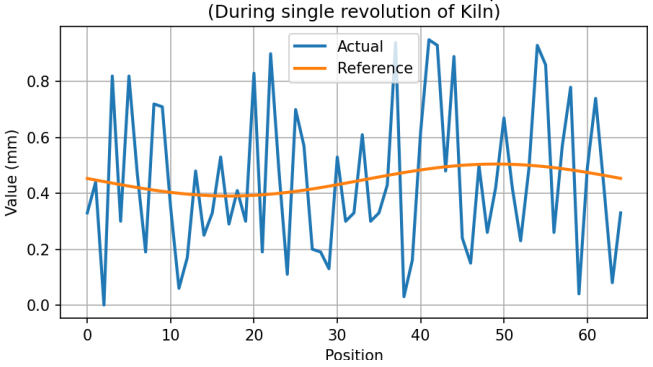
Angle of Occurrence = 275.82°

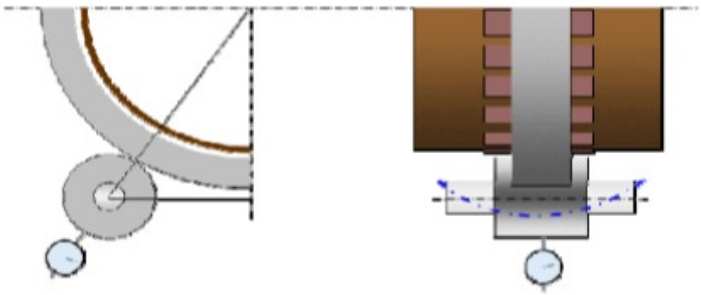
Eccentricity = 0.06 mm

Roller Raceway eccentricity & deformation Polar Graph



Roller shaft deflection linear Graph
(During single revolution of Kiln)





Allan Smith Engineering Pvt. Ltd.

Position	Measurement Angle	Data Measured	S.R. Run Out
41	225.00	11.34	0.62
42	230.62	11.01	0.95
43	236.25	11.03	0.93
44	241.88	11.48	0.48
45	247.50	11.07	0.89
46	253.12	11.72	0.24
47	258.75	11.81	0.15
48	264.38	11.46	0.50
49	270.00	11.70	0.26
50	275.62	11.54	0.42
51	281.25	11.29	0.67
52	286.88	11.54	0.42
53	292.50	11.73	0.23
54	298.12	11.47	0.49
55	303.75	11.03	0.93
56	309.38	11.10	0.86
57	315.00	11.70	0.26
58	320.62	11.39	0.57
59	326.25	11.18	0.78
60	331.88	11.92	0.04
61	337.50	11.47	0.49
62	343.12	11.22	0.74
63	348.75	11.54	0.42
64	354.38	11.88	0.08
1	360.00	11.63	0.33

Roller shaft deflection Report

Company Name: h
Equipment Name: h
Capacity: h
Date of Measurement: 1/11/26
Method: Single Point
No. of Pier: 2

Position	Measurement Angle	Data Measured	S.R. Run Out
1	0.00	9.16	0.83
2	5.62	9.24	0.75
3	11.25	9.57	0.42
4	16.88	9.44	0.55
5	22.50	9.28	0.71
6	28.12	9.44	0.55
7	33.75	9.17	0.82
8	39.38	9.08	0.91
9	45.00	9.17	0.82
10	50.62	9.08	0.91
11	56.25	9.09	0.90
12	61.88	9.17	0.82
13	67.50	9.03	0.96
14	73.12	9.06	0.93
15	78.75	9.07	0.92
16	84.38	9.91	0.08
17	90.00	9.99	0.00
18	95.62	9.17	0.82
19	101.25	9.05	0.94
20	106.88	9.43	0.56
21	112.50	9.47	0.52
22	118.12	9.31	0.68
23	123.75	9.46	0.53
24	129.38	9.13	0.86
25	135.00	9.08	0.91
26	140.62	9.23	0.76
27	146.25	9.02	0.97
28	151.88	9.04	0.95
29	157.50	9.22	0.77
30	163.12	9.00	0.99
31	168.75	9.12	0.87
32	174.38	9.14	0.85
33	180.00	9.89	0.10
34	185.62	9.00	0.99
35	191.25	9.24	0.75
36	196.88	9.10	0.89
37	202.50	9.26	0.73
38	208.12	9.49	0.50
39	213.75	9.47	0.52
40	219.38	9.49	0.50

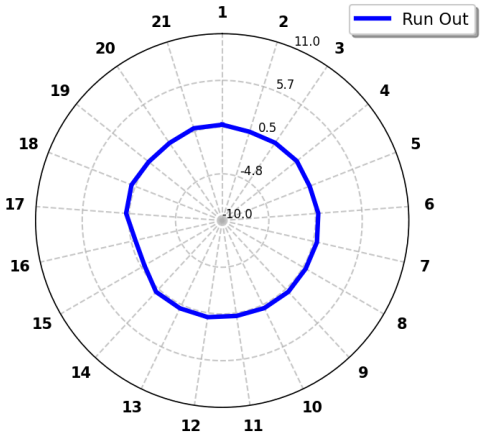
Result:

Run out Range = 0.99 mm

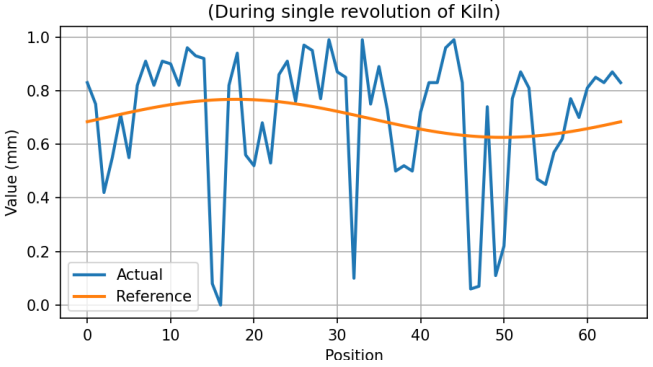
Angle of Occurrence = 100.25°

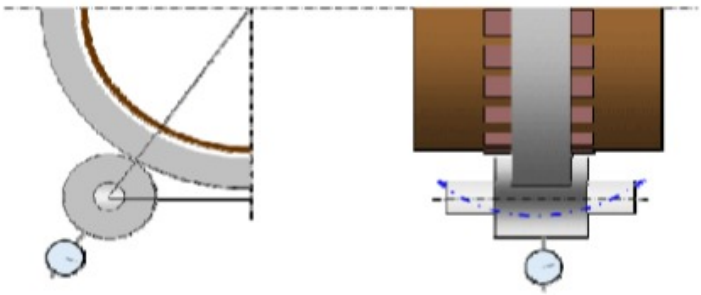
Eccentricity = 0.07 mm

Roller Raceway eccentricity & deformation Polar Graph



Roller shaft deflection linear Graph
(During single revolution of Kiln)





Allan Smith Engineering Pvt. Ltd.

Position	Measurement Angle	Data Measured	S.R. Run Out
41	225.00	9.27	0.72
42	230.62	9.16	0.83
43	236.25	9.16	0.83
44	241.88	9.03	0.96
45	247.50	9.00	0.99
46	253.12	9.16	0.83
47	258.75	9.93	0.06
48	264.38	9.92	0.07
49	270.00	9.25	0.74
50	275.62	9.88	0.11
51	281.25	9.77	0.22
52	286.88	9.22	0.77
53	292.50	9.12	0.87
54	298.12	9.18	0.81
55	303.75	9.52	0.47
56	309.38	9.54	0.45
57	315.00	9.42	0.57
58	320.62	9.37	0.62
59	326.25	9.22	0.77
60	331.88	9.29	0.70
61	337.50	9.18	0.81
62	343.12	9.14	0.85
63	348.75	9.16	0.83
64	354.38	9.12	0.87
1	360.00	9.16	0.83

Roller shaft deflection Report

Company Name: h
Equipment Name: h
Capacity: h
Date of Measurement: 1/11/26
Method: Single Point
No. of Pier: 2

Position	Measurement Angle	Data Measured	S.R. Run Out
1	0.00	11.83	0.09
2	5.62	11.64	0.28
3	11.25	11.39	0.53
4	16.88	11.92	0.00
5	22.50	11.71	0.21
6	28.12	11.55	0.37
7	33.75	11.29	0.63
8	39.38	11.33	0.59
9	45.00	11.22	0.70
10	50.62	11.14	0.78
11	56.25	11.40	0.52
12	61.88	11.57	0.35
13	67.50	11.52	0.40
14	73.12	11.81	0.11
15	78.75	11.77	0.15
16	84.38	11.45	0.47
17	90.00	11.91	0.01
18	95.62	11.26	0.66
19	101.25	11.45	0.47
20	106.88	11.31	0.61
21	112.50	11.03	0.89
22	118.12	11.59	0.33
23	123.75	11.59	0.33
24	129.38	11.42	0.50
25	135.00	11.37	0.55
26	140.62	11.30	0.62
27	146.25	11.19	0.73
28	151.88	11.38	0.54
29	157.50	11.55	0.37
30	163.12	11.44	0.48
31	168.75	11.82	0.10
32	174.38	11.61	0.31
33	180.00	11.31	0.61
34	185.62	11.03	0.89
35	191.25	11.43	0.49
36	196.88	11.52	0.40
37	202.50	11.52	0.40
38	208.12	11.12	0.80
39	213.75	11.62	0.30
40	219.38	11.57	0.35

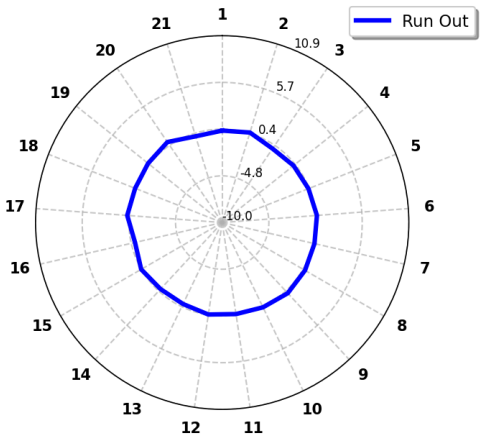
Result:

Run out Range = 0.89 mm

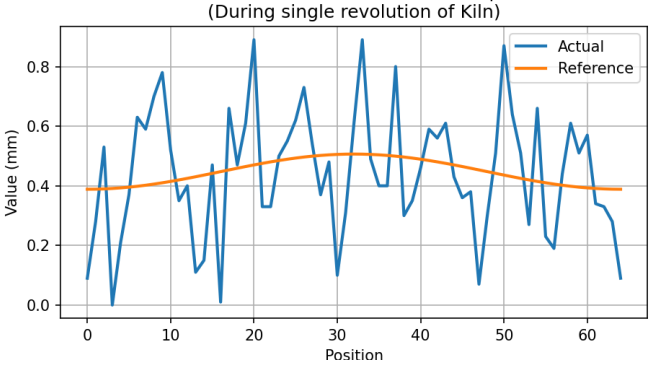
Angle of Occurrence = 180.01°

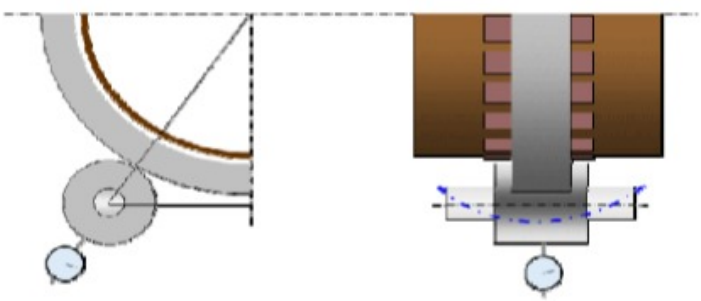
Eccentricity = 0.06 mm

Roller Raceway eccentricity & deformation Polar Graph



Roller shaft deflection linear Graph
(During single revolution of Kiln)





Allan Smith Engineering Pvt. Ltd.

Position	Measurement Angle	Data Measured	S.R. Run Out
41	225.00	11.46	0.46
42	230.62	11.33	0.59
43	236.25	11.36	0.56
44	241.88	11.31	0.61
45	247.50	11.49	0.43
46	253.12	11.56	0.36
47	258.75	11.54	0.38
48	264.38	11.85	0.07
49	270.00	11.62	0.30
50	275.62	11.41	0.51
51	281.25	11.05	0.87
52	286.88	11.28	0.64
53	292.50	11.41	0.51
54	298.12	11.65	0.27
55	303.75	11.26	0.66
56	309.38	11.69	0.23
57	315.00	11.73	0.19
58	320.62	11.48	0.44
59	326.25	11.31	0.61
60	331.88	11.41	0.51
61	337.50	11.35	0.57
62	343.12	11.58	0.34
63	348.75	11.59	0.33
64	354.38	11.64	0.28
1	360.00	11.83	0.09

Roller shaft deflection Report

Company Name: h
Equipment Name: h
Capacity: h
Date of Measurement: 1/11/26
Method: Single Point
No. of Pier: 2

Position	Measurement Angle	Data Measured	S.R. Run Out
1	0.00	9.89	0.10
2	5.62	9.62	0.37
3	11.25	9.29	0.70
4	16.88	9.34	0.65
5	22.50	9.30	0.69
6	28.12	9.04	0.95
7	33.75	9.49	0.50
8	39.38	9.26	0.73
9	45.00	9.24	0.75
10	50.62	9.32	0.67
11	56.25	9.99	0.00
12	61.88	9.34	0.65
13	67.50	9.62	0.37
14	73.12	9.90	0.09
15	78.75	9.11	0.88
16	84.38	9.07	0.92
17	90.00	9.74	0.25
18	95.62	9.82	0.17
19	101.25	9.59	0.40
20	106.88	9.29	0.70
21	112.50	9.41	0.58
22	118.12	9.35	0.64
23	123.75	9.11	0.88
24	129.38	9.46	0.53
25	135.00	9.35	0.64
26	140.62	9.02	0.97
27	146.25	9.28	0.71
28	151.88	9.34	0.65
29	157.50	9.23	0.76
30	163.12	9.65	0.34
31	168.75	9.06	0.93
32	174.38	9.01	0.98
33	180.00	9.14	0.85
34	185.62	9.68	0.31
35	191.25	9.82	0.17
36	196.88	9.87	0.12
37	202.50	9.48	0.51
38	208.12	9.47	0.52
39	213.75	9.30	0.69
40	219.38	9.91	0.08

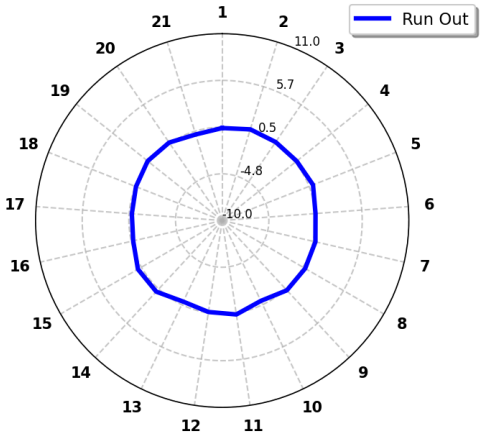
Result:

Run out Range = 0.99 mm

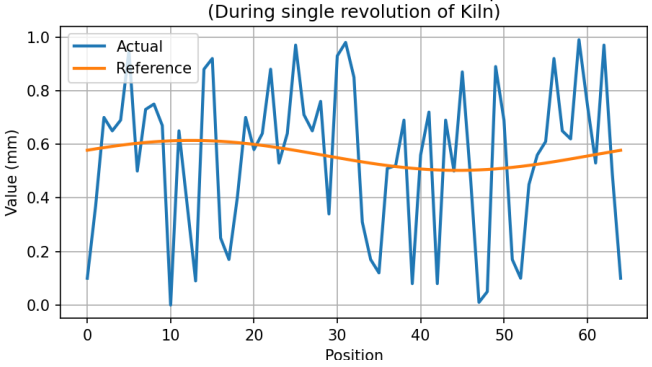
Angle of Occurrence = 69.87°

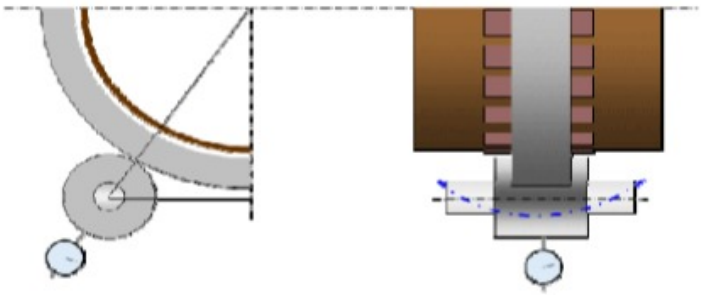
Eccentricity = 0.06 mm

Roller Raceway eccentricity & deformation Polar Graph



Roller shaft deflection linear Graph
(During single revolution of Kiln)





Allan Smith Engineering Pvt. Ltd.

Position	Measurement Angle	Data Measured	S.R. Run Out
41	225.00	9.43	0.56
42	230.62	9.27	0.72
43	236.25	9.91	0.08
44	241.88	9.30	0.69
45	247.50	9.49	0.50
46	253.12	9.12	0.87
47	258.75	9.52	0.47
48	264.38	9.98	0.01
49	270.00	9.94	0.05
50	275.62	9.10	0.89
51	281.25	9.30	0.69
52	286.88	9.82	0.17
53	292.50	9.89	0.10
54	298.12	9.54	0.45
55	303.75	9.43	0.56
56	309.38	9.38	0.61
57	315.00	9.07	0.92
58	320.62	9.34	0.65
59	326.25	9.37	0.62
60	331.88	9.00	0.99
61	337.50	9.24	0.75
62	343.12	9.46	0.53
63	348.75	9.02	0.97
64	354.38	9.50	0.49
1	360.00	9.89	0.10