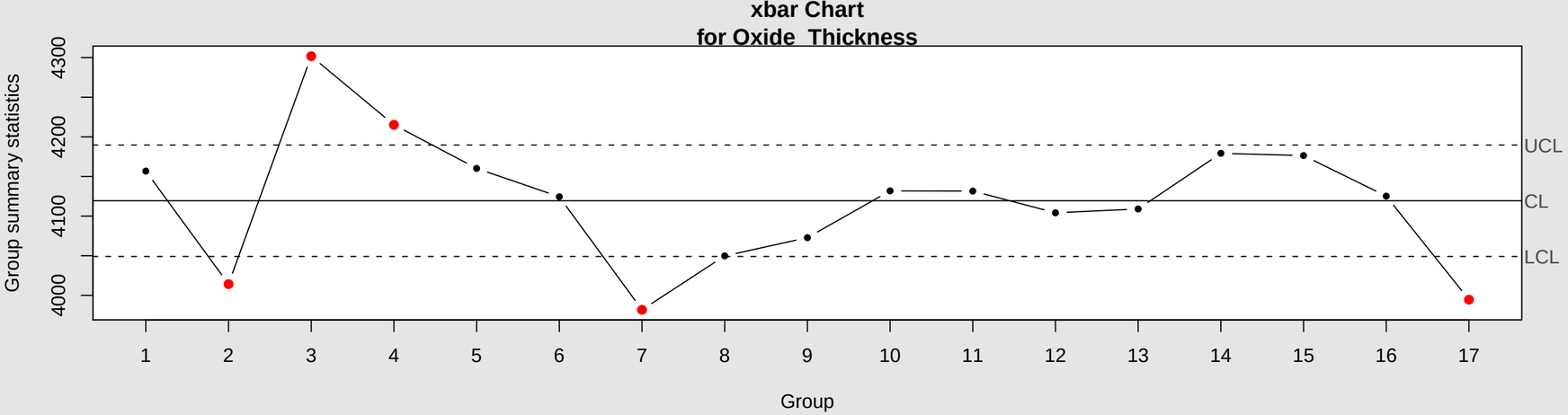
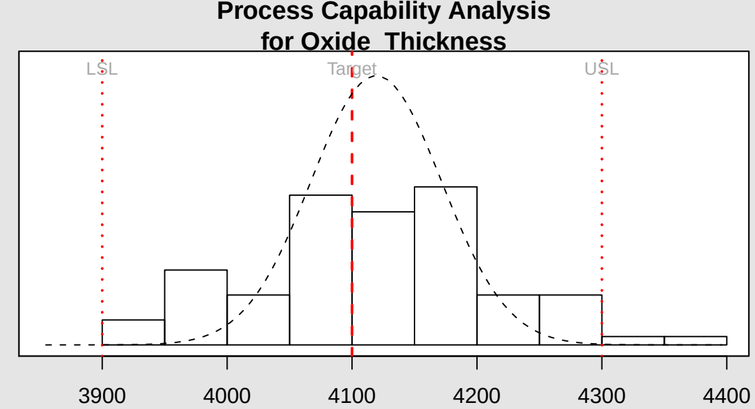
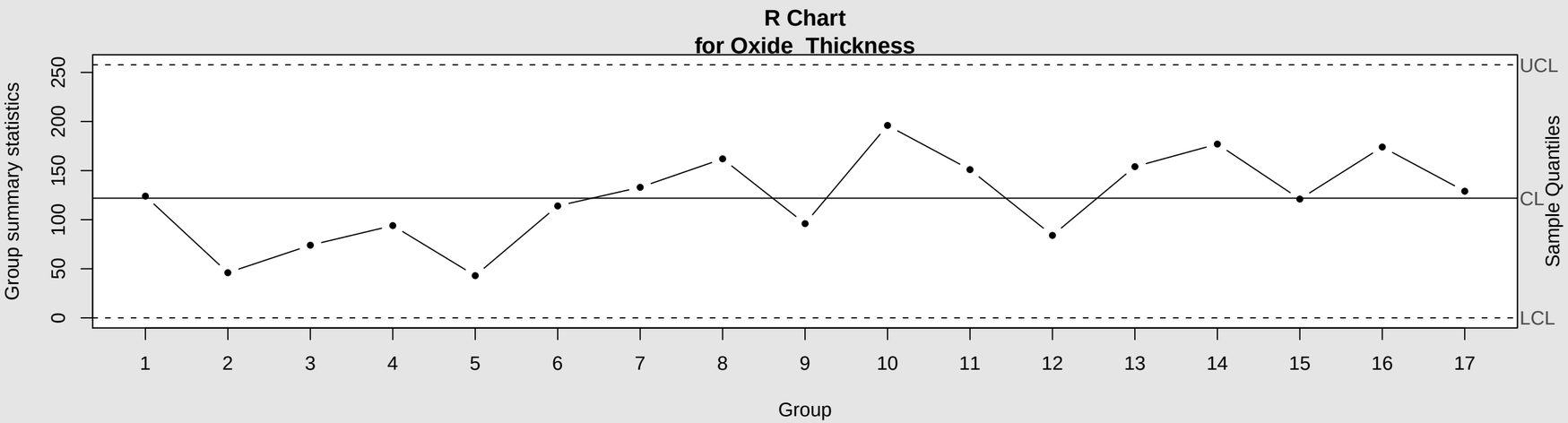
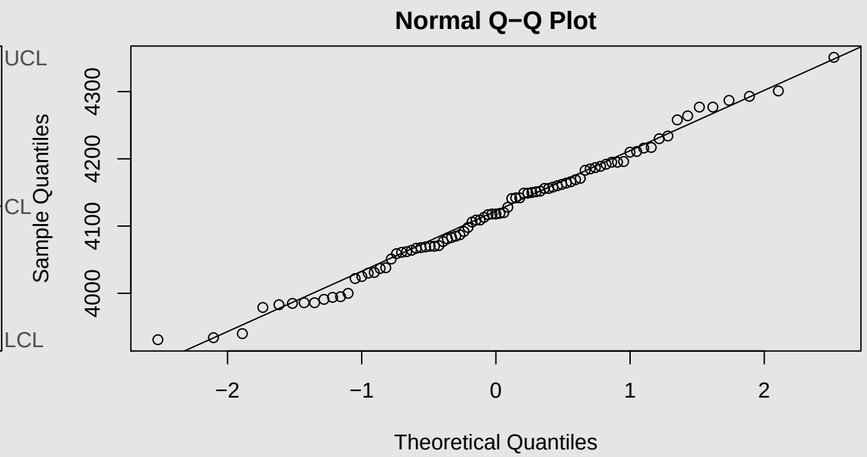
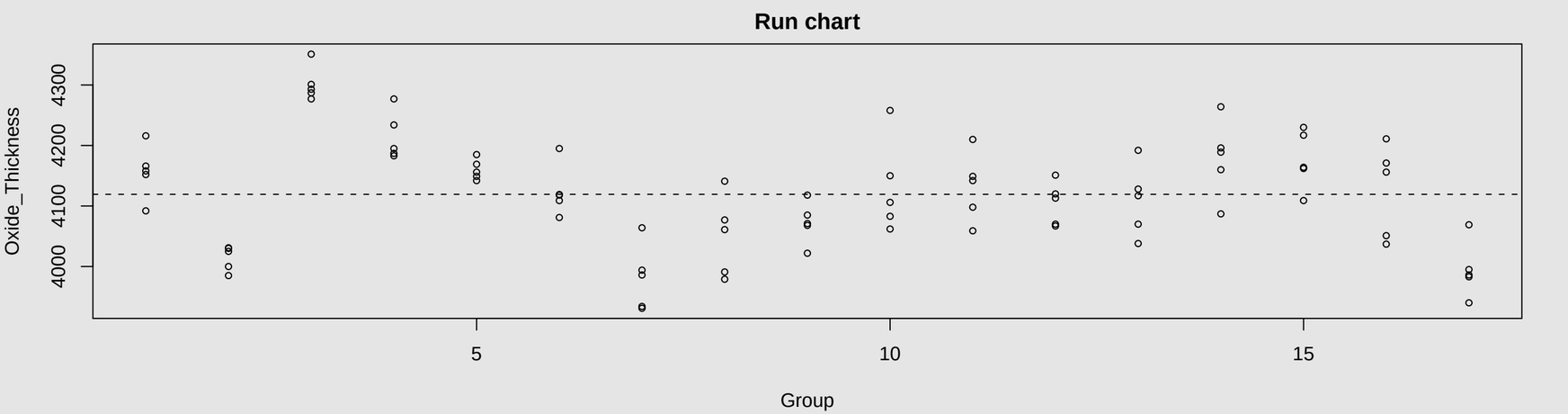
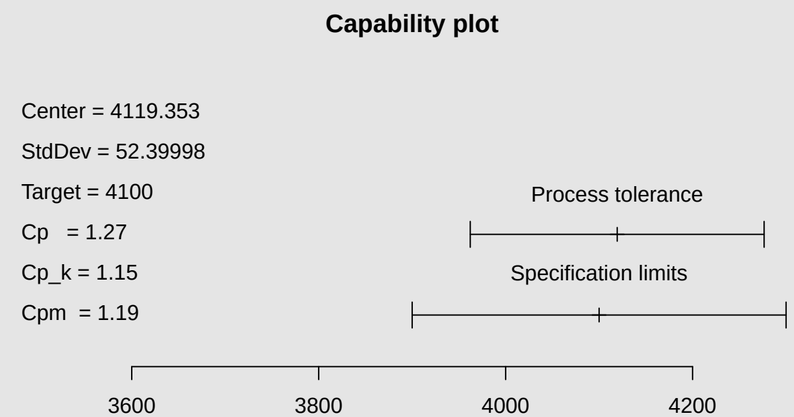

xbar Chart
for Oxide_Thickness
Group summary statistics
4000
4100
4200
4300
UCL
CL
LCL
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
Group


Process Capability Analysis
for Oxide_Thickness
LSL
Target
USL
3900 4000 4100 4200 4300 4400


R Chart
for Oxide_Thickness
Group summary statistics
0 50 100 150 200 250
UCL
CL
LCL
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
Group


Normal Q−Q Plot
Sample Quantiles
4000 4100 4200 4300
−2 −1 0 1 2
Theoretical Quantiles


Run chart
Oxide_Thickness
4000 4100 4200 4300
5 10 15
Group


Capability plot
Center = 4119.353
StdDev = 52.39998
Target = 4100
Cp = 1.27
Cp_k = 1.15
Cpm = 1.19
Process tolerance
Specification limits
3600 3800 4000 4200