t.test(subset(Coil\_Data,Manufacturing\_Lot =="Lot1")$PSI,mu = 1500)

One Sample t-test

data: subset(Coil\_Data, Manufacturing\_Lot == "Lot1")$PSI

t = 0, df = 49, p-value = 1

alternative hypothesis: true mean is not equal to 1500

95 percent confidence interval:

1499.719 1500.281

sample estimates:

mean of x

1500

> t.test(subset(Coil\_Data,Manufacturing\_Lot =="Lot2")$PSI,mu = 1500)

One Sample t-test

data: subset(Coil\_Data, Manufacturing\_Lot == "Lot2")$PSI

t = 0.51745, df = 49, p-value = 0.6072

alternative hypothesis: true mean is not equal to 1500

95 percent confidence interval:

1499.423 1500.977

sample estimates:

mean of x

1500.2

> t.test(subset(Coil\_Data,Manufacturing\_Lot =="Lot3")$PSI,mu = 1500)

One Sample t-test

data: subset(Coil\_Data, Manufacturing\_Lot == "Lot3")$PSI

t = -2.0916, df = 49, p-value = 0.04168

alternative hypothesis: true mean is not equal to 1500

95 percent confidence interval:

1492.431 1499.849

sample estimates:

mean of x

1496.14