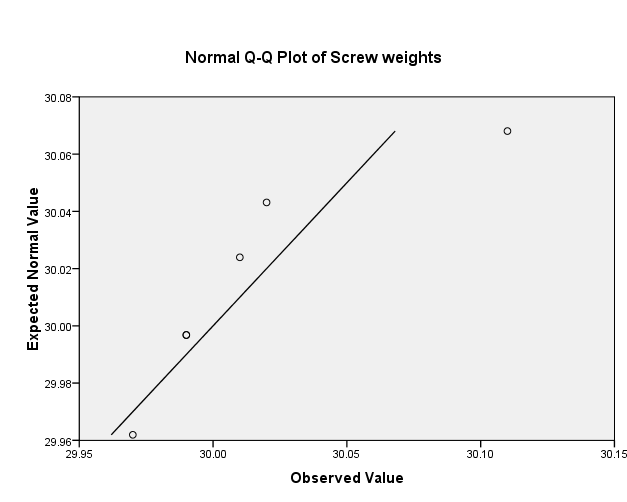
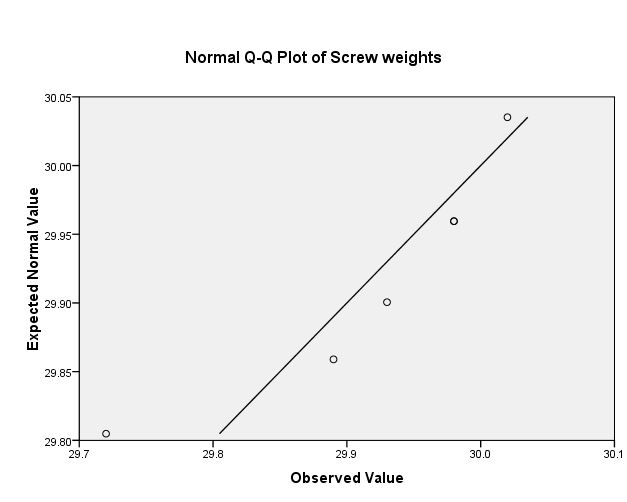
**Part D2: Independent Two-sample t-test SPSS Output**

| **Case Summariesa** | | | |
| --- | --- | --- | --- |
|  | | Screw weights | Machine number |
| 1 | | 30.02 | 1 |
| 2 | | 29.99 | 1 |
| 3 | | 30.11 | 1 |
| 4 | | 29.97 | 1 |
| 5 | | 30.01 | 1 |
| 6 | | 29.99 | 1 |
| 7 | | 29.89 | 2 |
| 8 | | 29.93 | 2 |
| 9 | | 29.72 | 2 |
| 10 | | 29.98 | 2 |
| 11 | | 30.02 | 2 |
| 12 | | 29.98 | 2 |
| Total | N | 12 | 12 |
| a. Limited to first 100 cases. | | | |



**Weights for Machine 2**



| **Group Statistics** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | Machine number | N | Mean | Std. Deviation | Std. Error Mean |
| Screw weights | 1 | 6 | 30.0150 | .04970 | .02029 |
| 2 | 6 | 29.9200 | .10789 | .04405 |

| **Independent Samples Test** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | | Levene's Test for Equality of Variances | | t-test for Equality of Means | |
| F | Sig. | t | df |
| Screw weights | Equal variances assumed | 1.969 | .191 | 1.959 | 10 |
| Equal variances not assumed |  |  | 1.959 | 7.031 |

| **Independent Samples Test** | | | | |
| --- | --- | --- | --- | --- |
|  | | t-test for Equality of Means | | |
| Sig. (2-tailed) | Mean Difference | Std. Error Difference |
| Screw weights | Equal variances assumed | .079 | .09500 | .04849 |
| Equal variances not assumed | .091 | .09500 | .04849 |

| **Independent Samples Test** | | | |
| --- | --- | --- | --- |
|  | | t-test for Equality of Means | |
| 95% Confidence Interval of the Difference | |
| Lower | Upper |
| Screw weights | Equal variances assumed | -.01305 | .20305 |
| Equal variances not assumed | -.01957 | .20957 |