**TSPi Quality Plan: Form SUMQ**

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| **Summary Rates** | **Plan** | **Actual** |
| LOC/hour | 80 | 69 |
| % Reuse (% of total LOC) | 15.00 | 27.00 |
| % New Reuse (% of N&C LOC) | 5.00 | 0 |
| **Percent Defect-Free (PDF)** | **Plan** | **Actual** |
| In compile | 60% | 70% |
| In unit test | 70% | 80% |
| In build and integration | 80% | 85% |
| In system test | 90% | 90% |
| **Defect/page** | **Plan** | **Actual** |
| Requirements inspection | 3 | 1 |
| HLD inspection | 5 | 0.5 |
| **Defects/KLOC** | **Plan** | **Actual** |
| Code review | 100 | 5 |
| Compile | 50 | 1.89 |
| Code inspection | 10 | 3.14 |
| Unit test | 10 | 3.14 |
| Build and integration | 10 | 1.89 |
| System test | 0 | 0.63 |
| Total development | 0 | 0.63 |
| **Defects Ratios** | **Plan** | **Actual** |
| Code review/Compile | 2 | 2.67 |
| DLD review/Unit test | 2 | 1.6 |
| **Development time ratios (%)** | **Plan** | **Actual** |
| Requirements inspection/Requirements | 25.00 | 20.00 |
| HLD inspection/HLD | 50.00 | 30.00 |
| DLD/code | 100.00 | 69.57 |
| DLD review/DLD | 50.00 | 30.00 |
| Code review/code | 50.00 | 34.78 |
| **A/FR** | 1 | 0.8 |
| **Review rates** | **Plan** | **Actual** |
| DLD lines/hour | 60 | 0 |
| Code LOC/hour | 80 | 200 |
| **Inspection rates** | **Plan** | **Actual** |
| Requirement pages/hour | 2 | 5 |
| HLD pages/hour | 5 | 10 |
| DLD lines/hour | 100 | 0 |
| Code LOC/hour | 200 | 200 |
| **Defect-injection Rates (Defects/Hr.)** | **Plan** | **Actual** |
| Requirements | 5 | 0.5 |
| SD | 5 | 1 |
| Code | 10 | 1 |
| Compile | 5 | 3 |
| Unit test | 5 | 5 |
| Build and integration | 5 | 3 |
| System test | 0 | 1 |
| **Defect-removal Rates (Defects/Hr.)** | **Plan** | **Actual** |
| Requirements inspection | 5 | 0.5 |
| SD inspection | 5 | 0.5 |
| Code review | 10 | 1 |
| Compile | 5 | 3 |
| Code inspection | 5 | 1 |
| Unit test | 5 | 5 |
| Build and integration | 5 | 3 |
| System test | 0 | 0 |
| **Phase Yields** | **Plan** | **Actual** |
| Requirements inspection | 100 | 100 |
| SD inspection | 100 | 100 |
| Code review | 100 | 100 |
| Compile | 100 | 100 |
| Code inspection | 100 | 100 |
| Unit test | 100 | 90 |
| Build and integration | 100 | 90 |
| System test | 100 | 90 |
| **Process Yields** | **Plan** | **Actual** |
| % before compile | 75.00 | 81.58 |
| % before unit test | 85.00 | 82.00 |
| % before build and integration | 90.00 | 89.66 |
| % before system test | 95.00 | 93.10 |
| % before system delivery | 100.00 | 93.10 |