Below activities are performed by EPQ as part of Process compliance check.

1. PQSR checks

2. Configuration Audits

3. Data Quality verification

4. Activities Observed

5. Pre- Delivery check before release.

6. Quality Gates

7. Work Product Audit

SonarQube will be checked once in every month for below metrics and is documented in Sharepoint.

|  |  |  |
| --- | --- | --- |
| S.No. | SonarQube Metrics | BGSW Goal |
| 1 | Code coverage | >85% |
| 2 | Bugs | 0 |
| 3 | Security vulnerabilities | 0 |
| 4 | Code Smell | 0 |
| 5 | Duplication of Codes | 0% |

**Plan to achieve the identified quality and process performance objectives**

Plans to reduce the Defects and improve productivity:

* Code Quality Check will be done for all the milestones release

**Product quality characteristics**

|  |  |  |
| --- | --- | --- |
| **Product Quality Characteristics** | **Applicable Metric** | **Verification and Tracking** |
| Reliability | >=70% Code Coverage | code coverage report |
| Security | No Blocker or critical defects open before release from Penetration Test and Vulnerability Report | 1.Penetration test report , Vulnerability report 2. Report verification and approval form SEP team |
| Quality | 0 (Zero) blocker/critical defects in System/API testing 0 (Zero) blocker/critical static issues | 1. Functional Test Report 2. Static Code Report |
| OSS Scan | 0 Disapproved issues, Commercial components should adher to license terms | Obligation Report and Attribution Report |