



संदर्भ सं./Ref.No.: ITBG/

STQC-ITBg/WAS(CER)/IT1474/CERTIFICATE-1

दिनांक /DATE:

24-04-2023

WEB APPLICATION SECURITY TEST CERTIFICATE

WEB APPLICATION India Post Web Portal
VERSION V4.39
TEST URL https://uat.indiapost.gov.in/VAS/Pages/indiaposthome.aspx
TEST/AUDIT AGENCY STQC IT Services, Bangalore
TESTING DATES START DATE: 27-03-2023, END DATE: 12-04-2023

TEST/AUDIT RESULT SUMMARY:

S. No.	OWASP Top 10 2021 Security Risks	Compliance	Remarks
A01	Broken Access Control	Satisfactory	-
A02	Cryptographic Failures	Satisfactory	-
A03	Injection	Satisfactory	-
A04	Insecure Design	Satisfactory	-
A05	Security Misconfiguration	Satisfactory	-
A06	Vulnerable and Outdated Components	Satisfactory	-
A07	Identification and Authentication Failures	Satisfactory	-
A08	Software and Data Integrity Failures	Satisfactory	-
A09	Security Logging and Monitoring Failures	Satisfactory	-
A10	Server-Side Request Forgery (SSRF)	Satisfactory	-

REMARKS:

- Please refer **Anomaly Report**: ITBg/WAS(AR)-1/14740222 & **Test Report**: ITBg/WAS(TR)-1/14740423 for details.
- The scope does not cover security testing of system hardware, system software (OS/Utilities), third party software, network components & accessories, deployment environment, captchas or any other human verification systems, OTP generation and verification, digital signature verification, PKI components (encryption and decryption) etc.

RECOMMENDATIONS:

- Security Audit/Testing for **India Post Web Portal** was done from **29-12-2022** to **04-01-2023** as per the OWASP Top 10 2021 by **STQC IT Services, Bangalore**. The follow-up testing/ auditing was done from 27-03-2023 to 12-04-2023 and there are no security issues pending nonconformity w.r.t OWASP Top 10 2021.
- All the sensitive data must be suitably protected using **TLS ver1.2** or higher using strong Cipher Suites.
- User access log & transaction log of the Web application should be enabled and stored on a separate secure server.
- Before deploying the Website in the production environment, the hardening of IT infrastructure (Network, Hosts and OS) must be ensured.

CONCLUSION:

The web application "India Post Web Portal V4.39" is free from **OWASP Top 10 Application Security Risks – 2021** (and any other known) vulnerabilities.



[Signature]
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