Government of India
Ministry of Electronics & Information Technology
Standardisation, Testing & Quality Certification
Directorate
Electronics Niketan, 6 CGO Complex,
Lodhi Road, New Delhi-110020.

सत्यमेव जयते

भारत सरकार
इलेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी मंत्रालय
मानकीकरण, परीक्षण और गुणवत्ता प्रमाणन
निदेशालय
इलेक्ट्रॉनिक्स निकेतन, 6 सीजीओ कॉम्प्लेक्स,
लोधी रोड, नई दिल्ली-110020

WEB APPLICATION SECURITY COMPLIANCE STATUS

Ref. Test Report No.: STQC IT/ETDC(AJ)/ 2024 ITS 002 **Dated:** 27/Sept/2024

Name of Test Laboratory: STQC IT Centre, Ajmer

Identification of the Web Application: CRS Portal Version 2

Organization Name: Commission of Railway Safety, Ministry of Civil Aviation, Traffic Accounts Building (3rd Floor), State Entry Road, New Delhi

Test / Staging URL: https://netraindia.in/crs/

Production URL: http://crs.gov.in/

Date of Testing: 1st Cycle- 12/07/24 to 15/07/24 & 2nd Cycle- 30/08/24 to 03/09/24

TEST RESULT SUMMARY:

OWASP Top10	Web Application Vulnerabilities	Compliance	Remark
A01:2021	Broken Access Control	**Complied**	**Nil**
A02:2021	Cryptographic Failures	**Complied**	**Nil**
A03:2021	Injection	**Complied**	**Nil**
A04:2021	Insecure Design	**Complied**	**Nil**
A05:2021	Security Misconfiguration	**Complied**	**Nil**
A06:2021	Vulnerable and Outdated Components	**Complied**	**Nil**
A07:2021	Identification and Authentication Failures	**Complied**	**Nil**
A08:2021	Software and Data Integrity Failures	**Complied**	**Nil**
A09:2021	Security Logging and Monitoring Failures	**Complied**	**Nil**
A10:2021	Server-Side Request Forgery	**Complied**	**Nil**

RECOMMENDATIONS:

1. The web application is safe to be hosted with 'Read Only permission'.
2. Security hardening / secured configuration of the Web Server, Network devices and Operating System are recommended for the hosting environment.
3. Regular security vulnerability assessment of the hosting IT infrastructure (servers and network devices) is recommended.
4. Ensure appropriate protection for Application logs, user logs and establish necessary clock synchronization with international time sources.
5. Application to be deployed over TLS version 1.2 or higher with strong SSL Cipher Suites.

CONCLUSION:

- This statement of compliance is issued for the specific version of the Web Application.
- This Statement of compliance becomes null and void, if changes are made to the Application code related to the security architecture & security mechanisms for handling inputs, user Access Control, user Authentication & Authorization, Session Management, handling sensitive data, Data encryption at Rest & in Motion, handling of runtime errors & external resources.
- This statement of compliance state is also become null and void if there is any change in underlying IT infrastructure or their configuration, hosting the Web Application and if any new vulnerabilities are discovered.

Issued By:

Director, STQC IT Centre, Ajmer