SecureWipe Data Sanitization Certificate

NIST SP 800-88 Compliant Wipe Operation

Certificate ID:	TEST_WPE_2024_001
Certificate Type:	WIPE
Certificate Version:	v1.0.0
Created:	2024-01-15T11:45:30+05:30
Result:	PASS
Verification URL:	https://verify.securewipe.org/...

Device Information

Model:	Samsung SSD 980 PRO 1TB
Serial Number:	S6TXNX0R123456
Bus Type:	NVMe
Capacity:	931.51 GB
Device Path:	/dev/nvme0n1
Protocol Path:	PCIe->NVMe
Firmware:	5B2QGXA7

Sanitization Policy

NIST Level:	PURGE
Method:	nvme_sanitize_crypto_erase
Action Mapping:	Sanitize → Crypto Erase → PURGE

HPA/DCO Clearance

Status:	✓ CLEARED
Commands:	nvme sanitize /dev/nvme0n1 --crypto-erase, nvme sanitize-...

Commands Executed

Command	Exit Code	Duration (ms)
nvme sanitize /dev/nvme0n1 --crypto-erase	0	45780
nvme sanitize-log /dev/nvme0n1	0	120

Verification Results

Strategy:	controller_status
Coverage:	50 samples
Failures:	0
Result:	PASS

Evidence & Linkage

NVMe Status Code:	0x0000
Logs SHA256:	c3d4e5f678901234...567890ab
Backup Certificate:	TEST_BCK_2024_001
Certificate Hash:	f678901234567890...abcdef12

Digital Signature & Verification

Algorithm:	Ed25519
Public Key ID:	sih_root_v1
Signature:	xyzabc7890123456...890xyz==
Issuer:	SecureWipe (SIH) (IN)