



ITISH

AUDIT COMPANY

# Audit Details



Token Name  
STCL



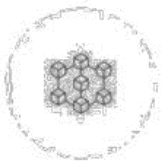
Deployer address

0xB860B85253f4527E1361B0893C53D9B76a2b9Cd1



Client contacts:

**STCLTeam**



Blockchain

**Binance**



Project website:

**Not Provided By STCL**



# Disclaimer

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report. While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the below disclaimer below - please make sure to read it in full.

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The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product code has been reviewed.

# Background

Itish was commissioned Stakes Contract to perform an audit of smart contracts:

<https://bscscan.com/address/0xb860b85253f4527e1361b0893c53d9b76a2b9cd1>

The purpose of the audit was to achieve the following:

- Ensure that the smart contract functions as intended.
- Identify potential security issues with the smart contract.



























The information in this report should be used to understand the risk exposure of the smart contract, and as a guide to improve the security posture of the smart contract by remediating the issues that were identified.

# Contract Details

Token contract details for 01.07.2022

Token name	STCL
Contract creator	0xAB6AAC8ae49a73e61ebbe3fCA5Dab2830FBAbd59
Transaction's count	14

# STCLToken Top Transactions

Txn Hash	Method ①	Block	Age	From ▼	To ▼	Value	[Txn Fee]
 <a href="#">0x9b73b54ba1fec9daea...</a>	<a href="#">Change Owner</a>	19081119	2 days 20 hrs ago	<a href="#">0xab6aac8ae49a73e61e...</a>	 <a href="#">0xb860b85253f4527e13...</a>	0 BNB	0.00014277
 <a href="#">0xc0f5cd9c848d4a9466d...</a>	<a href="#">Approve</a>	18908080	8 days 20 hrs ago	<a href="#">0xc5ba7f9959a76f6c6c8...</a>	 <a href="#">0xb860b85253f4527e13...</a>	0 BNB	0.00022099
 <a href="#">0xdfd885ba91ddd4837f...</a>	<a href="#">Approve</a>	18908067	8 days 20 hrs ago	<a href="#">0xc5ba7f9959a76f6c6c8...</a>	 <a href="#">0xb860b85253f4527e13...</a>	0 BNB	0.00022099
 <a href="#">0xe558be212af0be9363...</a>	<a href="#">Approve</a>	18907593	8 days 21 hrs ago	<a href="#">0x482b19a2cc2ee4fe8d...</a>	 <a href="#">0xb860b85253f4527e13...</a>	0 BNB	0.00022099
 <a href="#">0xd0c9cef7c54db109b7c...</a>	<a href="#">Approve</a>	18906366	8 days 22 hrs ago	<a href="#">0xc5ba7f9959a76f6c6c8...</a>	 <a href="#">0xb860b85253f4527e13...</a>	0 BNB	0.00022099
 <a href="#">0x7dae6a42c7825b10a5...</a>	<a href="#">Approve</a>	18906245	8 days 22 hrs ago	<a href="#">0x482b19a2cc2ee4fe8d...</a>	 <a href="#">0xb860b85253f4527e13...</a>	0 BNB	0.00022099
 <a href="#">0x2c348ba98ee3f0c193...</a>	<a href="#">Exclude From Fee</a>	18902657	9 days 1 hr ago	<a href="#">0xab6aac8ae49a73e61e...</a>	 <a href="#">0xb860b85253f4527e13...</a>	0 BNB	0.00021786
 <a href="#">0xf6b99018580ba12504...</a>	<a href="#">Exclude From Fee</a>	18902650	9 days 1 hr ago	<a href="#">0xab6aac8ae49a73e61e...</a>	 <a href="#">0xb860b85253f4527e13...</a>	0 BNB	0.00021786
 <a href="#">0xc6e3c5d8b33cffa4f838...</a>	<a href="#">Approve</a>	18900285	9 days 3 hrs ago	<a href="#">0xc5ba7f9959a76f6c6c8...</a>	 <a href="#">0xb860b85253f4527e13...</a>	0 BNB	0.00022099
 <a href="#">0x3795d2e652dd892f8d...</a>	<a href="#">Approve</a>	18900163	9 days 3 hrs ago	<a href="#">0x482b19a2cc2ee4fe8d...</a>	 <a href="#">0xb860b85253f4527e13...</a>	0 BNB	0.00022099
 <a href="#">0xeeec2c54cecd050398b...</a>	<a href="#">Approve</a>	18900033	9 days 3 hrs ago	<a href="#">0xc5ba7f9959a76f6c6c8...</a>	 <a href="#">0xb860b85253f4527e13...</a>	0 BNB	0.00022099
 <a href="#">0x9120bc4ae3baa57e6a...</a>	<a href="#">Approve</a>	18899936	9 days 3 hrs ago	<a href="#">0xc5ba7f9959a76f6c6c8...</a>	 <a href="#">0xb860b85253f4527e13...</a>	0 BNB	0.00022099
 <a href="#">0x1dd203ead0b00b7bb1...</a>	<a href="#">Exclude From Fee...</a>	18899919	9 days 3 hrs ago	<a href="#">0x482b19a2cc2ee4fe8d...</a>	 <a href="#">0xb860b85253f4527e13...</a>	0 BNB	0.000217745



# Token Functions Details

```
totalSupply()  
balanceOf  
transfer  
allowance  
approve  
transferFrom  
name  
symbol  
decimals
```

# Contract Interface Details

```
interface IERC20
```

# Issues Checking Status

Issue description	Checking status
1. Compiler errors.	Passed
2. Compiler Compatibilities	Failed
3. Possible delays in data delivery.	Passed
4. Oracle calls.	Moderate
5. Front running.	Failed
6. Timestamp dependence.	Passed
7. Integer Overflow and Underflow.	Passed
8. DoS with Revert.	Severe
9. DoS with block gas limit.	Moderate
10. Methods execution permissions.	Passed
.	
11. Economy model of the contract.	Passed
12. The impact of the exchange rate on the logic.	Severe
.	
13. Private user data leaks.	Passed
14. Malicious Event log.	Passed
.	
15. Scoping and Declarations.	Passed
16. Uninitialized storage pointers.	Passed
.	
17. Arithmetic accuracy.	Failed
18. Design Logic.	Moderate
.	




19. Cross-function race conditions. Passed

20 Safe Open Zeppelin contracts implementation and  
usage. Failed

21. Fallback function security. Failed

# Security Issues

STCL

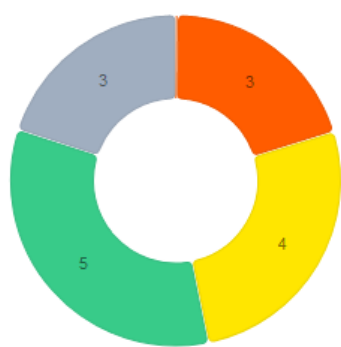
 [Generate Report](#)



Overview

Detailed Result

Published Report



0 Crit  
3 High  
4 Med  
5 Low  
3 Infor

3.53  
Score

## SCAN STATISTICS

Status	Completed
Score	3.53
Issue Count	15
Duration	3
Lines of code	554

## High Severity Issues

- Locked ether inside a contract
- Incorrect Access control
- Controlled delegate call

## ✓ Medium Severity Issues

- Return value of low level CA..
- Unprotected ether withdraw
- Imprecise arithmetic operations
- ERc-20 Approve front-Running

## ✓ Low Severity Issues

- Use of safemath library
- Outdated compiler version
- Cheaper inequalities in requirements
- Use of floating programa
- Cheaper inequalities

## Conclusion

Smart contracts contain High severity issues! Liquidity pair contract's security is not checked due to out of scope.

Liquidity locking details NOT provided by the team.

Itish note:

Please check the disclaimer above and note, the audit makes no statements or warranties on business model, investment attractiveness or code sustainability. The report is provided for the only contract mentioned in the report and does not include any other potential contracts deployed by Owner.

