

# 0.7

## Qubit Finance Process Quality Review

Score: 43%

### Overview

This is a [Qubit Finance](#) Process Quality Review completed on August 31st 2021. It was performed using the Process Review process (version 0.7.3) and is documented [here](#). The review was performed by Nic of DeFiSafety. Check out our [Telegram](#).

The final score of the review is **43%**, a **FAIL**. The breakdown of the scoring is in [Scoring Appendix](#). For our purposes, a pass is **70%**.

### Summary of the Process

Very simply, the review looks for the following declarations from the developer's site. With these declarations, it is reasonable to trust the smart contracts.

- **Here are my smart contracts on the blockchain**
- **Here is the documentation that explains what my smart contracts do**
- **Here are the tests I ran to verify my smart contract**
- **Here are the audit(s) performed on my code by third party experts**
- **Here are the admin controls and strategies**

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## Chain

This section indicates the blockchain used by this protocol.

✓ **Chain:** Binance Smart Chain

### Guidance:

Ethereum  
Binance Smart Chain  
Polygon  
Avalanche  
Terra

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## Code and Team

This section looks at the code deployed on the Mainnet that gets reviewed and its corresponding software repository. The document explaining these questions is [here](#). This review will answer the following questions:

- 1) Are the executing code addresses readily available? (%)
- 2) Is the code actively being used? (%)
- 3) Is there a public software repository? (Y/N)
- 4) Is there a development history visible? (%)
- 5) Is the team public (not anonymous)? (Y/N)

### 1) Are the executing code addresses readily available? (%)

✓ **Answer:** 100%

They are available at website <https://github.com/PancakeBunny-finance/qubit-finance>, as indicated in the [Appendix](#).

### Guidance:

100%      Clearly labelled and on website, docs or repo, quick to find  
70%        Clearly labelled and on website, docs or repo but takes a bit of looking

- 40% Addresses in mainnet.json, in discord or sub graph, etc
- 20% Address found but labeling not clear or easy to find
- 0% Executing addresses could not be found

## 2) Is the code actively being used? (%)

✓ **Answer:** 100%

Activity is over 10 transactions a day on contract [TransparentUpgradeableProxy.sol](#) (Locker/Staking Contract), as indicated in the [Appendix](#).

Guidance:

- 100% More than 10 transactions a day
- 70% More than 10 transactions a week
- 40% More than 10 transactions a month
- 10% Less than 10 transactions a month
- 0% No activity

## 3) Is there a public software repository? (Y/N)

✓ **Answer:** Yes

**GitHub:** <https://github.com/PancakeBunny-finance/qubit-finance>.

Is there a public software repository with the code at a minimum, but also normally test and scripts. Even if the repository was created just to hold the files and has just 1 transaction, it gets a **"Yes"**. For teams with private repositories, this answer is **"No"**.

## 4) Is there a development history visible? (%)

⚠ **Answer:** 30%

With 30 commits and 1 branch, this is an underdeveloped software repository.

This metric checks if the software repository demonstrates a strong steady history. This is normally demonstrated by commits, branches and releases in a software repository. A healthy history demonstrates a history of more than a month (at a minimum).

**Guidance:**

- 100% Any one of 100+ commits, 10+branches
- 70% Any one of 70+ commits, 7+branches

50%	Any one of 50+ commits, 5+branches
30%	Any one of 30+ commits, 3+branches
0%	Less than 2 branches or less than 30 commits

How to improve this score:

Continue to test and perform other verification activities after deployment, including routine maintenance updating to new releases of testing and deployment tools. A public development history indicates clearly to the public the level of continued investment and activity by the developers on the application. This gives a level of security and faith in the application.

#### 5) Is the team public (not anonymous)? (Y/N)

 **Answer:** No

For a "Yes" in this question, the real names of some team members must be public on the website or other documentation (LinkedIn, etc). If the team is anonymous, then this question is a "No".

## Documentation

This section looks at the software documentation. The document explaining these questions is [here](#).

Required questions are;

- 6) Is there a whitepaper? (Y/N)
- 7) Are the basic software functions documented? (Y/N)
- 8) Does the software function documentation fully (100%) cover the deployed contracts? (%)
- 9) Are there sufficiently detailed comments for all functions within the deployed contract code (%)
- 10) Is it possible to trace from software documentation to the implementation in code (%)

#### 6) Is there a whitepaper? (Y/N)

 **Answer:** Yes

**Location:** <https://mound-finance.gitbook.io/qubit-docs/#why-qubit>.

#### 7) Are the basic software functions documented? (Y/N)

 **Answer:** No