



BlockSAFU

ADVANCE MANUAL SMART CONTRACT AUDIT



Project: Postearn

Website: postearn.co



BlockSAFU Score: 82

Contract Address:

0xb3528f62521D86F0Fd79D766371Ebc47D72d2b7A

Disclaimer: BlockSAFU is not responsible for any financial losses.
Nothing in this contract audit is financial advice, please do your own reasearch.

DISCLAIMER

BlockSAFU has completed this report to provide a summary of the Smart Contract functions, and any security, dependency, or cybersecurity vulnerabilities. This is often a constrained report on our discoveries based on our investigation and understanding of the current programming versions as of this report's date. To understand the full scope of our analysis, it is vital for you to at the date of this report. To understand the full scope of our analysis, you need to review the complete report. Although we have done our best in conducting our investigation and creating this report, it is vital to note that you should not depend on this report and cannot make any claim against BlockSAFU or its Subsidiaries and Team members on the premise of what has or has not been included in the report. Please remember to conduct your independent examinations before making any investment choices. We do not provide investment advice or in any way claim to determine if the project will be successful or not.

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ABOUT THE AUDITOR:

BlockSAFU (BSAFU) is an Anti-Scam Token Utility that reviews Smart Contracts and Token information to Identify Rug Pull and Honey Pot scamming activity. BlockSAFU's Development Team consists of several Smart Contract creators, Auditors Developers, and Blockchain experts. BlockSAFU provides solutions, prevents, and hunts down scammers. BSAFU is a utility token with features Audit, KYC, Token Generators, and Bounty Scammers. It will enrich the crypto ecosystem.

OVERVIEW

BlockSAFU was commissioned by Postearn Token to complete a Smart Contract audit. The objective of the Audit is to achieve the following:

- Review the Project and experience and Development team
- Ensure that the Smart Contract functions are necessary and operate as intended.
- Identify any vulnerabilities in the Smart Contract code.

DISCLAIMER: This Audit is intended to inform about token Contract Risks, the result does not imply an endorsement or provide financial advice in any way, all investments are made at your own risk. (<https://blocksafu.com/>)

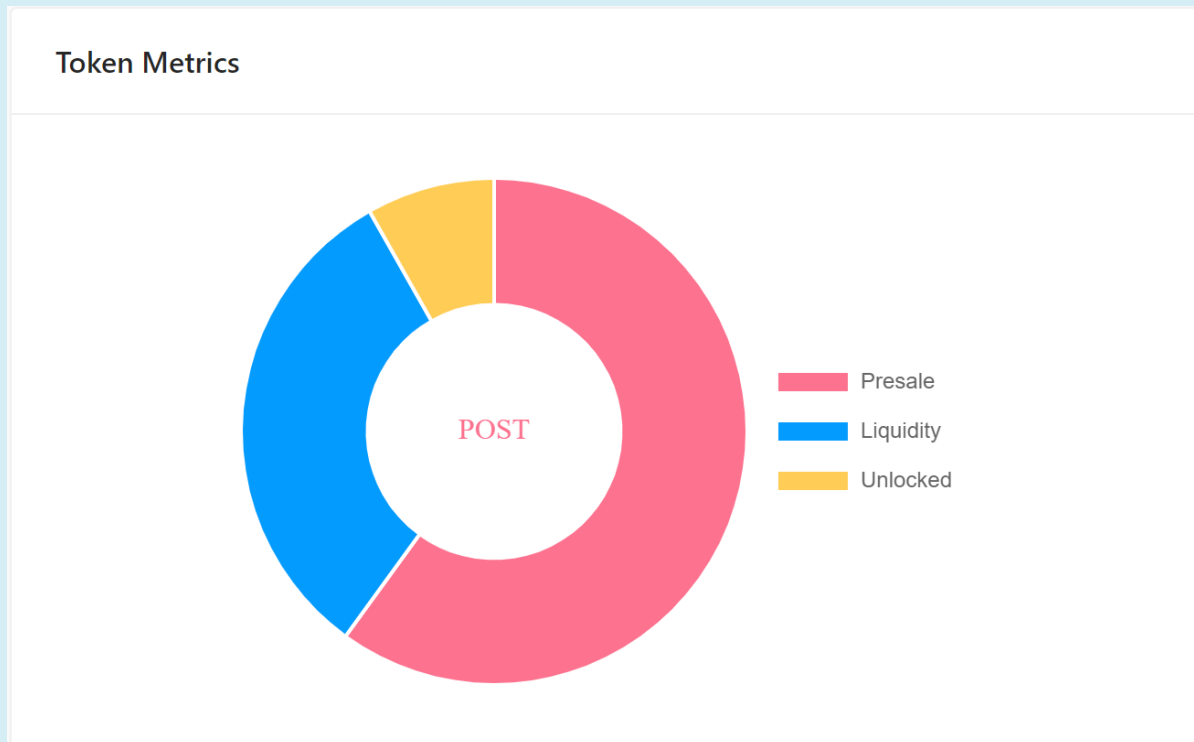
SMART CONTRACT REVIEW

Token Name	Postearn
Token Symbol	POST
Token Decimal	9
Total Supply	50,000,000 POST
Contract Address	0xb3528f62521D86F0Fd79D766371Ebc47D72d2b7A
Deployer Address	0x0079aAbefF2A9666e5884d52359987E2AD8B5D16
Owner Address	0x0079aAbefF2A9666e5884d52359987E2AD8B5D16
Tax Fees Buy	5%
Tax Fees Sell	5%
Gas Used for Buy	<i>will be updated after the DEX listing</i>
Gas Used for Sell	<i>will be updated after the DEX listing</i>
Contract Created	May-20-2022 12:37:13 PM +UTC
Initial Liquidity	<i>will be updated after the DEX listing</i>
Liquidity Status	Locked
Unlocked Date	1,000 days after the pool ends
Verified CA	Yes
Compiler	v0.8.4+commit.c7e474f2
Optimization	Enable with 200 runs
Sol License	MIT License
Top 5 Holders	<i>will be updated after the DEX listing</i>
Other	default evmVersion

TAX

BUY	5%	SELL	5%
Marketing	4%	Marketing	4%
Liquidity fees	0.6%	Liquidity fees	0.6%
Yield fees	0.4%	Yield fees	0.4%

Token Metrics



Team Review

The SafuFinance team has a nice website, their website is professionally built and the Smart contract is well developed, their social media is growing with over 7,883 people in their telegram group (count in audit date).

OFFICIAL WEBSITE AND SOCIAL MEDIA

Website: <https://postearn.co>

Telegram Group: <https://t.me/postearn>

Twitter: <https://twitter.com/PostearnAPP>

MANUAL CODE REVIEW

● Minor-risk

1 minor-risk code issue found

Could be fixed, and will not bring problems.

1. The return value of an external transfer/transferFrom return value is checked.
Recommendation: use SafeERC20, or ensure that the transfer/transferFrom return value is checked

```
function transferFrom(  
    address sender,  
    address recipient,  
    uint256 amount  
) external returns (bool);
```

● Medium-risk

0 medium-risk code issues found

Should be fixed, could bring problems.

● High-Risk

0 high-risk code issues found

Must be fixed, and will bring problem.

● Critical-Risk

0 critical-risk code issues found

Must be fixed, and will bring problem.

EXTRA NOTES SMART CONTRACT

1. IERC20

```
interface IERC20 {
    /**
     * @dev Returns the amount of tokens in existence.
     */
    function totalSupply() external view returns (uint256);
    ...
    function balanceOf(address account) external view returns (uint256);
    ...
    function transfer(address recipient, uint256 amount) external returns (bool);
    ...
    function allowance(address owner, address spender) external view returns (uint256);
    ...
    function approve(address spender, uint256 amount) external returns (bool);
    ...
    function transferFrom(
        address sender,
        address recipient,
        uint256 amount
    ) external returns (bool);

    /**
     * @dev Emitted when `value` tokens are moved from one account (`from`) to
     * another (`to`).
     *
     * Note that `value` may be zero.
     */
    event Transfer(address indexed from, address indexed to, uint256 value);
    ...
}
```

IERC20 Normal Base Template

2. Safemath Contract

```
library SafeMath {
  function add(uint256 a, uint256 b) internal pure returns (uint256) {
    uint256 c = a + b;
    require(c >= a, "SafeMath: addition overflow");

    return c;
  }

  function sub(uint256 a, uint256 b) internal pure returns (uint256) {
    return sub(a, b, "SafeMath: subtraction overflow");
  }
  ...

  function mul(uint256 a, uint256 b) internal pure returns (uint256) {
    // Gas optimization: this is cheaper than requiring 'a' not being zero, but the
    // benefit is lost if 'b' is also tested.
    if (a == 0) {
      return 0;
    }

    uint256 c = a * b;
    require(c / a == b, "SafeMath: multiplication overflow");

    return c;
  }

  function div(uint256 a, uint256 b) internal pure returns (uint256) {
    return div(a, b, "SafeMath: division by zero");
  }
  ...
}
```

Standard SafeMath contract

3. Contract LiquidityGeneratorToken

```
contract LiquidityGeneratorToken is IERC20, Ownable, BaseToken {
    ...
    string private _name;
    string private _symbol;
    uint8 private _decimals;

    uint256 public _taxFee;
    uint256 private _previousTaxFee = _taxFee;

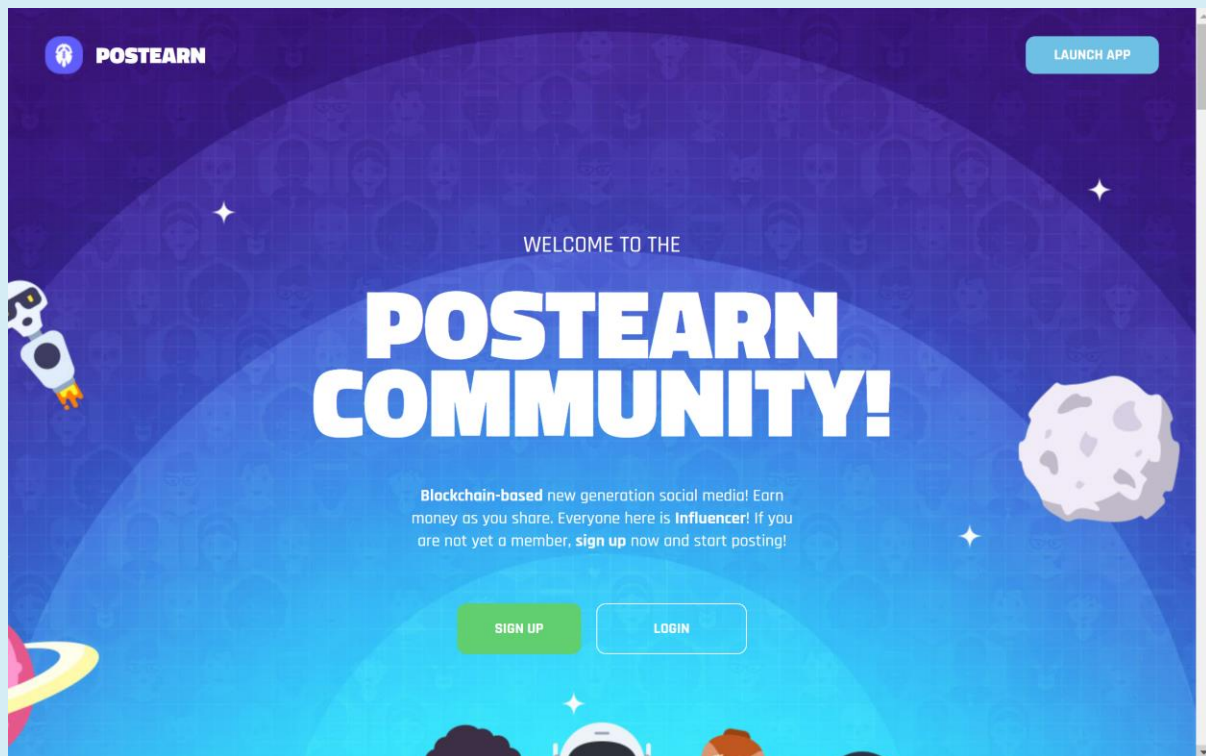
    uint256 public _liquidityFee;
    uint256 private _previousLiquidityFee = _liquidityFee;

    uint256 public _charityFee;
    uint256 private _previousCharityFee = _charityFee;
    ...
    function setTaxFeePercent(uint256 taxFeeBps) external onlyOwner {
        _taxFee = taxFeeBps;
        require(
            _taxFee + _liquidityFee + _charityFee <= 10**4 / 4,
            "Total fee is over 25%"
        );
    }

    function setLiquidityFeePercent(uint256 liquidityFeeBps)
        external
        onlyOwner
    {
        _liquidityFee = liquidityFeeBps;
        require(
            _taxFee + _liquidityFee + _charityFee <= 10**4 / 4,
            "Total fee is over 25%"
        );
    }
}
```

The owner can't set tax fees over 25%

WEBSITE REVIEW



- Mobile Friendly
- Contains no code error
- SSL Secured (By Let's Encrypt SSL)

Web-Tec stack: Lodash (need an update to latest version), jQuery UI, jQuery (need an update to latest version), Core js

Domain .co - (GoDaddy) - Tracked by whois

First Contentful Paint:	2.9s
Fully Loaded Time	9.9s
Performance	83%
Accessibility	96%
Best Practices	75%
SEO	92%

RUG-PULL REVIEW

Based on the available information analyzed by us, we come to the following conclusions:

- Locked Liquidity 1,000 Days by pinksale

(Will be updated after DEX listing)

- TOP 5 Holder

(Will be updated after DEX listing)

- The team is not yet KYC

(Will be updated after DEX listing)

HONEYPOT REVIEW

- Ability to sell
- The owner is not able to pause the contract
- The owner cannot set buy and sell fees over 25%

Note: Please check the disclaimer above and note, that the audit makes no statements or warranties on the 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 the project owner.