

eCOGRA LIMITED

SPELINSPEKTIONEN TESTING AND INSPECTION REPORT

FOR

HGMT LTD

REPORT REFERENCE NUMBER:**e226534HCKSWEM**

REPORT ISSUE DATE: **06 MAY 2022**

BUFFALO STACK'N'SYNC, 1.0.0, HTML5 (DESKTOP & MOBILE)

CONFIDENTIAL

IMPORTANT DISCLAIMER

This report is supplied on the basis that it is for the sole use of the parties listed and to whom it is addressed, and exclusively for the objectives set out herein.

No party, other than those specified, may rely on this report for any purpose whatsoever.

eCOGRA Limited ('eCOGRA') does not accept any liability or responsibility towards any third party to whom this report is shown or into whose hands it may fall.

This report should not be relied upon for any assurances in relation to third parties and/or activities which are not covered by the regulatory requirements or compliance standards of the jurisdiction, regulatory authority or compliance entity or system for whose purposes this report is stated to have been prepared. All such other parties and activities are outside the scope of this report and have therefore not been reviewed by eCOGRA.

The nature, timing and extent of the testing, inspection and audit procedures conducted for the purpose of this report is considered sufficient and appropriate based on the applicable regulations and professional judgement applied to the associated risk of non-compliance. This conformity assessment should not be construed to imply any warranty over the functionality, quality or performance of the subject of testing, inspection and/or certification. eCOGRA reserves the right to withdraw this report if any non-conformities are subsequently detected by or reported to eCOGRA.

CONFIDENTIALITY NOTICE

This document is proprietary to eCOGRA and contains confidential information of commercial value to eCOGRA, the disclosure of which to third parties could adversely affect the business affairs of eCOGRA.

This information is supplied in confidence to you, on the strict condition that no part of it is disclosed to any third party, in particular to any person or organisation that may be in competition with eCOGRA without the prior written approval of eCOGRA.

TABLE OF CONTENTS

1. General Information 4
2. Testing and Inspection Work – Qualifications and Experience 6
2.1. Testing and Inspection Supervisors 6
2.2. Testing and Inspection Assessors 6
3. Game Details 7
3.1. Game Overview 7
3.2. Percentage Return to Player ('RTP') 7
4. Software Components within Assessment Scope 8
4.1. Core Game Tests and Software Elements 8
4.2. Random Number Generator 8
5. Assessment results 9
5.1. SFS 2018:1138 Gambling Act 10
5.2. SFS 2018:1475 Gambling Regulations 12
5.3. LIFS 2018:2 Regulations and general advice about responsible gaming 13
5.4. LIFS 2018:5 Regulations and general advice about commercial online games and betting 14
5.5. LIFS 2018:8 Regulations and general advice on technical requirements and accreditation of bodies for inspection, testing and certification of gambling service providers 15

1. GENERAL INFORMATION

Client name:	HGMT Ltd
Client address:	1st Floor, Suite 3, Central Business Centre, Mdina Road, Zebbug, ZBG 9015, Malta
Licenses held:	Not Applicable
Platform Suppliers:	Not applicable, this report relates to the assessment of a game for the supplier
Game Suppliers:	HGMT Ltd
Uniform resource locators: (website address)	Not applicable, this report relates to the assessment of a game
Accredited body full name:	eCOGRA Limited
Accredited body legal form:	Private Company
Accredited body managing address:	2nd Floor Berkeley Square House, Berkeley Square, London, W1J 6BD, United Kingdom
Accredited body accreditations held:	An Accredited Testing Laboratory No. 4656. ISO/IEC 17025:2017 (Great Britain, Denmark, Sweden and Switzerland), Issued By The United Kingdom Accreditation Service (Issue No: 027, Issue Date: 25 February 2022). An Accredited Inspection Body No. 4656. ISO/IEC 17020:2012 (Sweden and Switzerland), Issued By The United Kingdom Accreditation Service (Issue: 010, Issue Date: 31 January 2022). An Accredited Certification Body No. 4656. ISO/IEC 17021-1:2015, Issued By The United Kingdom Accreditation Service (Issue: 007, Issue Date: 09 August 2021).
Accredited body experience	19 Years' Testing And Inspection Of Online Gambling Systems; 6 Years' Auditing and Certifying Information

	Security Management Systems, 7 Years' Experience Of Risk And Vulnerability Analyses.
Accredited body representative:	Douwe Bijkersma
Accredited body contact email:	info@ecogra.org
Accredited body contact number:	Tel: +44 20 7887 1480
Assessment scope:	Core game assessment of Buffalo Stack'n'Sync, 1.0.0, HTML5 (Desktop & Mobile)
Assessment standards and criteria:	Relevant Assessable Requirements Contained In 2018:1138 Gambling Act; 2018:1475 Gambling Regulations; LIFS 2018-2 Regulations and general advice about responsible gaming; LIFS 2018-5 Regulations and general advice about commercial online games and betting; and LIFS 2018-8 Regulations and general advice on technical requirements and accreditation of bodies for anyone who is to check, test and certify gaming activities.
Report type:	Testing and Inspection Report
Report reference number:	e226534HCKSWEM
Report issue date:	06 May 2022
Date of Testing and Inspection:	18 April 2022 - 03 May 2022
Place of testing:	Pre-Production Environment emulating the Live Environment, where applicable.
Supplier representative:	Daniel Camilleri - Compliance Director
Assessment result:	Compliant
Accredited body report approval:	

Douwe Bijkersma
Senior Manager
eCOGRA

2. TESTING AND INSPECTION WORK – QUALIFICATIONS AND EXPERIENCE

2.1. Testing and Inspection Supervisors

Name:	Temesgen Zewotir
Education/Qualification:	PhD in Statistics
Date Obtained:	28 November 2001
Other Relevant Qualifications:	MSc in Statistics, BSc in Mathematics
Date Obtained:	1991, 1987
Number of Years' Experience in Testing and Inspection of Online Gaming Systems:	From 2016 to date

Name:	Tyrone Rajah
Education/Qualification:	Bachelor of Science
Date Obtained:	2014
Number of Years' Experience in Testing and Inspection of Online Gaming Systems:	2 years

2.2. Testing and Inspection Assessors

Name:	Filipe Alves
Position:	Team Lead
Name:	Bokang Mogaladi; Paulinah Ndhambi
Position:	Games Tester
Name:	Tyrone Rajah; Josephine Govender; Ridhwaan Shariff
Position:	Data Analyst

3. GAME DETAILS

3.1. Game Overview

Game Name	Version	Platform	Game Type
Buffalo Stack'n'Sync	1.0.0	HTML5-Desktop; HTML5-Mobile	Online Game - Casino (Slot)

Game Description: The great buffalo, soaring eagles and grass swaying in the wind. These are the iconic themes of the Great Plains of North America, the essence of which is captured in this re-imagining of the classic Vegas slot. Buffalo Stack'n'Sync™ is a 5x4 grid slot with two awesome bonus games and a max win of up to 10,000x!

Further details regarding the betting characteristics, features and detailed game rules can be found in the game instructions which can be provided upon request.

This certification report highlights our key findings as a result of the evaluation conducted on the following channels:

- Desktop Channel - Windows 10, Google Chrome Browser, Version 100.0.4896.127 (Official Build) (64-bit)
- Mobile Channel - Samsung A8, Android 11; SM-X205 Build/RP1A.200720.012 Google Chrome Browser, Version 100.0.4896.127

3.2. Percentage Return to Player ('RTP')

Theoretical RTP %	eCOGRA RTP % Recalculation
96.36% Feature Spins Bonus Buy: 96.40% Freespins Bonus Buy: 96.46% Stampede Spins Bonus Buy: 96.50%	97.17% Feature Spins Bonus Buy: 96.12% Freespins Bonus Buy: 96.52% Stampede Spins Bonus Buy: 96.63%
94.38% Feature Spins Bonus Buy: 94.40% Freespins Bonus Buy: 94.23% Stampede Spins Bonus Buy: 94.38%	94.07% Feature Spins Bonus Buy: 94.55% Freespins Bonus Buy: 94.41% Stampede Spins Bonus Buy: 94.18%
92.37% Feature Spins Bonus Buy: 92.33% Freespins Bonus Buy: 92.41% Stampede Spins Bonus Buy: 92.47%	92.22% Feature Spins Bonus Buy: 93.04% Freespins Bonus Buy: 92.12% Stampede Spins Bonus Buy: 92.38%
88.46%	89.42%

The theoretical RTP percentage indicated in the table above is extracted from the game documentation as provided by the supplier. eCOGRA recalculated the RTP percentage by performing additional independent mathematical calculations on the output of simulation game data.

4. SOFTWARE COMPONENTS WITHIN ASSESSMENT SCOPE

4.1. Core Game Tests and Software Elements

The core game evaluation included the following tests, amongst others:

- Review of game documentation;
- Review of the mapping of the random inputs to game outcomes in accordance with prevailing probabilities and pay tables;
- Evaluation of the pertinent modules of the game source code for mapping of rules and RNG calling;
- Evaluation of game accounting in accordance with game pay tables;
- Inspection of game interface including artwork and graphics, and clear and correct presentation of the game rules;
- Comprehensive operational and functional client-side tests over the game mechanics to ensure that game pay tables, game rules and help files are correctly implemented in the operation of the game;
- Testing of rare outcomes through emulation to ensure that game pay outs, top prizes and jackpot features (if applicable) operate correctly;
- Review of the game design and game mathematics that determine the theoretical RTP%;
- Independent mathematical calculations of RTP% utilising complete, accurate and valid simulated game data output, to verify the theoretical RTP% as per the game mathematics documentation; and
- Game simulation (output) testing to ensure the game outcomes are randomly generated; and the actual RTP is within an acceptable range of the expected RTP.

The following critical software elements formed part of the assessment scope:

Software Element Name	Version Date	Version Number	Digital Signature (SHA#1 Hash)
HacksawGaming.Games.ReactionsSlotMachine.dll	N/A	N/A	67F263C2DD2F801B4207010EE145D2C77D7E39B8
HacksawGaming.Games.ReactionsSlotMachine.BuffaloStackNSync.dll	N/A	N/A	8EA0D8E956854A0530A1B91C70A9585FC8D5BA97

4.2. Random Number Generator

The RNG utilised in evaluating the game output and games rules has been sufficiently and appropriately tested under a separate RNG testing report. Please refer to e213919HCKSWE issued by eCOGRA on 21 June 2021 for further details of testing conducted over the RNG. The following critical software elements formed part of the RNG assessment scope:

Software Element Name	Version Number	SHA#1 Hash
HacksawGaming.RNG.dll	1.0.4	0501D8AEFEB88FA7EF7048418CFFC4A99D88FDD2

5. ASSESSMENT RESULTS

Testing and inspection procedures were performed against certifiable sections of the following laws and regulations of Spelinspektion, as applicable to the components relevant to the products within scope:

- Spellag (SFS2018:1138)
- Spelförordning (SFS2018:1475)
- Föreskrifter och allmänna råd om spelansvar (LIFS 2018:2)
- Föreskrifter om undantag från kravet på registrering (LIFS 2018:3)
- Föreskrifter och allmänna råd om vadhållning och onlinespel (LIFS 2018:5)
- Tekniska föreskrifter och allmänna råd om ackreditering av organ för den som ska kontrollera, prova och certifiera spelverksamhet (LIFS 2018:8)

Different values used in the "Assessment Result" column is described as follows:

- **Compliant**: The components within the assessment scope conform to the assessment standards and criteria.
- **Not Applicable**: The requirement is not applicable for the assessment of conformance. Refer to comments for further information.
- **Out of Scope**: The requirement for the assessment of conformance cannot be evaluated at this stage due to the current scope of testing/inspection or limitation of the test/inspection environment. Refer to comments for further information.
- **Non-Compliant**: The components within the assessment scope do not conform to the assessment standards and criteria. Refer to comments for further information.
- **Observation**: Attention of the Regulator: Due to varying interpretations between Accredited Entities, it is put forward to the Regulator for a decision on the status of compliance.

Table summarising compliance with the assessment standards and criteria:

The results of our assessment for conformity with the core game relevant requirements are detailed below.

5.1. SFS 2018:1138 Gambling Act

SFS 2018:1138 Gambling Act			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
13	**Gambling Accounts**		
13.5	A license holder may receive payments for a gaming account only from a paid service supplier according to the law (2010:751) on payment services.	Not Applicable	The scope of assessment is limited to aspects directly managed by the supplier.
13.6	Money, gaming tokens, or similar may not be transferred between gaming accounts.	Not Applicable	The scope of assessment is limited to aspects directly managed by the supplier.
13.7	The funds that a player has in a gaming account must be kept separate from the license holder's own funds. The license holder must at the latest with the opening of a gaming account inform the player on how the funds in the gaming account are protected if the license holder should experience financial difficulties.	Not Applicable	The scope of assessment is limited to aspects directly managed by the supplier.
13.8	When a gaming account is closed, the license holder must as soon as possible payout the balance in the gaming account to the player. The license holder must, however, pay back what remains of the deposits that the player has made, if the gaming account is closed due to 1. the player opening a temporary gaming account having given false information on him or herself or, upon challenge by the license holder, did not provide documentation that verifies the information that was given at registration, or 2. the player was shut out of the game due to misconduct.	Not Applicable	The scope of assessment is limited to aspects directly managed by the supplier.
14	**Gaming Liability**		
	Age Limit		

SFS 2018:1138 Gambling Act			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
14.3	Gaming must be conducted in a manner that makes it possible to control the age of a player. The age limit for a game must clearly be indicated at the locations where the game is provided.	Not Applicable	The scope of assessment is limited to aspects directly managed by the supplier.
	Information Obligation		
14.4	A license holder must keep all relevant information on the game, including the possibilities of profit and rules, easily available to players and authorities. This information must be in Swedish.	Not Applicable	The scope of assessment is limited to aspects directly managed by the supplier.
	Game Design		
14.5	It is not permitted to especially design or program games so that the player has the impression to be close to winning when that is not the case. A license holder may not provide free games, test games, and similar games that have a different random result that corresponding games with wagers.	Compliant	The scope of assessment is limited to aspects directly managed by the supplier and does not include free games, test games, and similar games that have a different random result than corresponding games with wagers.
	Wagers and certain limits		
14.6	In a game the player must actively indicate and confirm his or her wager.	Compliant	
14.7	In online games the player must give an upper limit for his or her wagers. With play on token gaming machines according to section 5 of §§ 7 and 8 a loss limit should be indicated instead.	Not Applicable	The scope of assessment is limited to aspects directly managed by the supplier.
	Credit prohibition		

SFS 2018:1138 Gambling Act			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
14.8	It is not permitted for a license holder or a gaming agent to offer or give credit for wagers in the game. The gaming authority may for a given lottery allow an exception to the prohibition in the first item, if 1. the lottery is conducted under license according to section 6, 2. the credit concerns the purchase of lots for a given time, and 3. the total amount of credit amounts to at most 1/40 of the price base amount.	Compliant	

5.2. SFS 2018:1475 Gambling Regulations

SFS 2018:1475 Gambling Regulations			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
6	**Betting**		
	Other provisions		
6.4	Betting shall be provided with fixed or running odds or a combination of these.	Not Applicable	Not applicable for this game type.
10	**Gaming Accounts**		
10.1	An amount that is paid in by a player to a gaming account shall be credited to the account when the license holder has received the amount. Winnings shall be immediately credited or as fast as it can occur with respect to safety in the transaction.	Compliant	The scope of assessment is limited to aspects directly managed by the supplier. License holder wallet functionality not managed by the supplier.

5.3. LIFS 2018:2 Regulations and general advice about responsible gaming

LIFS 2018:2 Regulations and general advice about responsible gaming			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
	Information about winnings, losses and log in time		
13	With online gaming under chapters 7 and 8 of the Gaming Act (2018:1138) the player shall receive regular, clear and varying messages about winnings and losses and information about how long the player has been logged in. The messages under the first paragraph shall be displayed as often and for as long a time as necessary to prevent excessive gaming. Thereafter, the message shall be confirmed by the player and the player, in combination with the confirmation, shall be given the possibility to choose to either terminate or continue their play.	Compliant	The scope of assessment is limited to aspects directly managed by the supplier. License holder wallet and session time functionality not managed by the supplier.
17	When playing on-line under chapters 6–8 of the Gaming Act (2018:1138) there shall be logotypes that link to a self-test, limitation of stakes (gaming budget) and specification of login time and exclusion from gaming. The logotypes provided by the Gaming Agency and shall be placed in a locked field uppermost on all the license holder's web sites, mobile web pages, applications and similar.	Not Applicable	The scope of assessment is limited to aspects directly managed by the supplier.
	Stakes		
18	Stakes shall be given in Swedish crowns.	Compliant	
	Design of a game		
19	A game may not give an impression that the player, through their own settings or selections can affect their chances of winning if the chance of winning depends entirely on random chance.	Compliant	

LIFS 2018:2 Regulations and general advice about responsible gaming			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
20	If the license holder offers selections that affect the outcome of the game, a message shall be displayed to the player for at least three seconds before an automatic selection is made.	Not Applicable	Not applicable for this game type.

5.4. LIFS 2018:5 Regulations and general advice about commercial online games and betting

LIFS 2018:5 Regulations and general advice about commercial online games and betting			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
	Information for players		
7	In addition to that specified in Chapter 14, § 4 of the Gambling Act (2018:1138) the following information shall be kept readily available to players where a licence holder offers gambling: 1. the name, corporate identity number, telephone number and email address of the licence holder; 2. licensed period; 3. the risks that may be associated with games for money; 4. contact information for an independent helpline regarding gambling problem that can provide help in accordance with Swedish conditions; 5. that the Swedish Gambling Authority is the licensing and supervisory authority; 6. the wager or equivalent for the game in question; and 7. any other costs for participating in the game in question;	Not Applicable	The scope of assessment is limited to aspects directly managed by the supplier.
	Special terms on poker		

LIFS 2018:5 Regulations and general advice about commercial online games and betting			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
10	All logged-in players shall be able to spectate all live poker games. However, the first paragraph does not apply to poker games that require specific registration. In such cases, only those players who have specifically registered for that game shall be able to spectate it.	Not Applicable	Not applicable for this game type.

5.5. LIFS 2018:8 Regulations and general advice on technical requirements and accreditation of bodies for inspection, testing and certification of gambling service providers

LIFS 2018:8 Regulations and general advice on technical requirements and accreditation of bodies for inspection, testing and certification of gambling service providers			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
7	**Functions for the license holder's game administration**		
	Interrupted games		
7.3	It must be possible to finish playing an interrupted game, unless otherwise specified in the rules of the game. An interrupted game must be shown to the player, along with any bets made, once the gambling system is reconnected. Bets referred to in the second paragraph must be kept separate and be separately reported in the player's player account until the game is finished.	Compliant	The scope of assessment is limited to aspects directly managed by the supplier. License holder wallet functionality and terms and conditions not managed by the supplier.
9	**Functional requirements for the licence holder in relation to the players**		
	Player account		
9.9	A player must be able to see their balance in the player account immediately after each completed transaction.	Not Applicable	The scope of assessment is limited to aspects directly managed by the supplier.

LIFS 2018:8 Regulations and general advice on technical requirements and accreditation of bodies for inspection, testing and certification of gambling service providers			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
	There must be a function to show the player which games they have participated in, all the bets made, and all the winnings paid out in accordance with Chapter 13, Section 3, first paragraph of the Gambling Act (2018:1138).		
	Initiated game		
9.16	During gambling, there must be a function and documented procedures to prevent the placing of a bet once the time set by the licence holder for lot-drawing or an event which will yield a future result has begun.	Compliant	
10	**Payout percentage**		
10.1	For games with progressive winnings, the minimum payout percentage must be indicated to the player.	Not Applicable	Not applicable for this game type.
11	**Game instructions, payout table and pot**		
	Game instructions		
11.1	Game instructions must be complete, unambiguous and non-deceptive.	Compliant	
11.2	Game instructions and rules must be available without placing a bet.	Compliant	
11.3	Game instructions must be available through the same type of medium as the game. Game instructions must be easily accessible.	Compliant	
	Payout table		
11.4	There must be documented quality assurance procedures to ensure that the configuration of payout tables is correct. There must be documented procedures to ensure that the calculations of payout tables are correct.	Compliant	
	Pot		

LIFS 2018:8 Regulations and general advice on technical requirements and accreditation of bodies for inspection, testing and certification of gambling service providers			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
11.5	There must be rules for how a player can win a pot. It must be clearly stated how the pot is financed and distributed.	Not Applicable	The provisions of Sections 5 –7 fall under the Swedish Gambling Authority's supervisory responsibilities and are not subject to accredited testing and inspection.
11.6	It must be clear from the rules how a pot will be divided if there is more than one winner.	Not Applicable	The provisions of Sections 5 –7 fall under the Swedish Gambling Authority's supervisory responsibilities and are not subject to accredited testing and inspection.
11.7	It must be clear from the rules how a licence holder can cancel or terminate a pot.	Not Applicable	The provisions of Sections 5 –7 fall under the Swedish Gambling Authority's supervisory responsibilities and are not subject to accredited testing and inspection.
13	**Functional requirements for random number generators**		
13.1	The results from a random number generator must be random, statistically independent, have a correct standard deviation and correct probability distribution. The results yielded by the random number generator must not be predictable without knowledge of the applied algorithm, implementation and initial values.	Compliant	Refer to RNG report: e213919HCKSWE
13.2	There must be a documented reference to a well-established algorithm and any source code as well as to the recalculation procedure of the random number generator. If the random number generator is built in to the software, it must be possible to present the entire source code, along with comments and documentation.	Compliant	Refer to RNG report: e213919HCKSWE
13.3	The random number generator must be able to withstand the set maximum load.	Compliant	Refer to RNG report: e213919HCKSWE

LIFS 2018:8 Regulations and general advice on technical requirements and accreditation of bodies for inspection, testing and certification of gambling service providers			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
13.4	Functions that do not generate outcomes in games but which depend on random elements must be based on the results of the random number generator.	Compliant	Refer to RNG report: e213919HCKSWE
13.5	Calculations based on a random number generator must have a correct standard deviation and correct probability distribution. The numbers, symbols or events resulting from the random number generator must correspond with the rules set for the game involved.	Compliant	Refer to RNG report: e213919HCKSWE
13.6	The calculations of the random number generator must correspond to the events registered in the gambling system.	Compliant	Refer to RNG report: e213919HCKSWE
13.7	If the rules of the game requires a sequence from a random number generator to be set in advance, it is only allowed to generate new sequences if this is stated in the rules.	Compliant	The compliance assessment is based on a limited scope of testing which includes the assessment of the RNG as a standalone component without integration with any games. Further testing may be required in individual game assessments to validate full compliance of this requirement for each applicable game.
13.8	Unless otherwise specified in the rules of the game, the results from a random number generate must always be independent of events in the current or previous games.	Compliant	The compliance assessment is based on a limited scope of testing which includes the assessment of the RNG as a standalone component without integration with any games. Further testing may be required in individual game assessments to validate full compliance of this requirement for each applicable game.
	Drawing equipment without a random number generator		

LIFS 2018:8 Regulations and general advice on technical requirements and accreditation of bodies for inspection, testing and certification of gambling service providers			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
13.9	The results from drawing equipment without a random number generator must be random, statistically independent, have a correct standard deviation and correct probability distribution.	Not Applicable	This requirement applies to live dealer games that use a drawing equipment without a random number generator.
13.10	Independent drawing equipment without a random number generator must be kept locked in with limited access.	Not Applicable	This requirement applies to live dealer games that use a drawing equipment without a random number generator.
	Drawing equipment for live casino games		
13.11	Drawing equipment used in live casino games must be monitored and recorded. The recorded material must show compliance with the rules of the game. The recording must register date and time.	Not Applicable	This requirement applies to live dealer games only.
13.12	There must be physical access control for the premises used for live casino games and any associated areas. There must separate access control, at least for different employee categories.	Not Applicable	This requirement applies to live dealer games only.
15	**Functional requirements for online games**		
	Game design		
15.1	Games with interactive options must have illustrations that clearly show current and possible bets. Games in accordance with the first paragraph must clearly illustrate the possibility of changing or resetting the current bet.	Compliant	
15.2	Each round must last for at least three seconds. The first paragraph also applies to autoplay functions.	Compliant	
15.3	A player's participation in a game, and the choices made by the player in the gambling system, must be optional.	Compliant	

LIFS 2018:8 Regulations and general advice on technical requirements and accreditation of bodies for inspection, testing and certification of gambling service providers			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
	A player must be given a reasonable period of time to consider the consequences of a choice. Repeated choices made by a player in the gambling system must not be able to be placed in a queue.		
	Visual presentation		
15.4	The name of the game must be displayed on all pages associated with that particular game.	Compliant	
15.5	The gambling system must have a function that continuously shows the player how long they have been logged in.	Compliant	The scope of the assessment is limited to aspects that are handled directly by the supplier. The licensee's session time functionality is not handled by the provider.
15.6	The gambling system must have a function that continuously shows the player their balance throughout the session.	Compliant	
15.7	The bet on a game must be clearly displayed. The player's possible and actual bets, as well as the minimum and maximum bets, must be clearly displayed. The gambling system must have a function that clearly visualises the player's bet, including the total bets in the game.	Compliant	
15.8	A player must be informed that there are factors beyond their control, which may affect the game and its outcome.	Not Applicable	Not applicable for this game type.
15.9	The outcome of a game must remain visible for a reasonable period of time.	Compliant	

LIFS 2018:8 Regulations and general advice on technical requirements and accreditation of bodies for inspection, testing and certification of gambling service providers			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
15.10	Computer-simulated gambling machines must clearly indicate or illustrate which symbols represent a win. If different combinations of symbols lead to a win, these must be clearly indicated or illustrated.	Compliant	
15.11	If the characteristics of a game change temporarily the game must clearly indicate the current status before the next game.	Compliant	
15.12	A symbol that is used in a gambling system must have the same shape and colour throughout that particular game.	Compliant	
15.13	The number of active decks as well as which cards are included in a particular game must be clearly indicated. The front of the card must clearly show its suit and rank. The rules of the game must clearly state when the cards will be shuffled.	Not Applicable	Not applicable for this game type.
15.14	If a non-traditional die is used in a dice game, this must be made clear to the player. It must be clearly indicated which side of a die wins a game.	Not Applicable	Not applicable for this game type.
15.15	A gambling system must have a function to prevent players playing against themselves. A gambling system must have a function to discover and prevent one or more players using the same gambling equipment at the same time.	Not Applicable	Not applicable for this game type.
15.16	The current pot amount must be visible to all participating players.	Not Applicable	There is no progressive jackpot in this game.
15.17	A player must immediately be informed of winning the pot. Once a pot has been won, all players must be informed of its new value. Information pursuant to the second paragraph must also be available to players who have not participated in the specified pot.	Not Applicable	There is no progressive jackpot in this game.

LIFS 2018:8 Regulations and general advice on technical requirements and accreditation of bodies for inspection, testing and certification of gambling service providers			
Requirement No.	**Requirement Assessed**	**Assessment Result**	**Comments**
15.18	It must be clearly stated if a pot is not available to a player. It must be ensured that all information given to the players is correct, regardless of whether or not a pot is available.	Not Applicable	There is no progressive jackpot in this game.