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# Evaluation Report

<b>Client</b>	National Regulator for Compulsory Specification NRCS Private Bag X25 Brooklyn 0075 South Africa
<b>Tested against Conformance Criteria</b>	SANS 1718:2008 Part 4 Wagering Record Keeping Software Edition 2
<b>Jurisdictions</b>	Kwa Zulu Natal
<b>Submitter</b>	Bettech Gaming PTY Ltd P. O. Box 50561 Waterfront Cape Town 8002
<b>Manufacturer</b>	Bettech Gaming PTY Ltd P. O. Box 50561 Waterfront Cape Town 8002
<b>Product name</b>	BetTech Sports, BetTech Sports Online
<b>Product style</b>	Wagering and Record Keeping System
<b>Description of the Product tested</b>	BetTech Sports V1.13.1, BetTech Sports Online V1.13.1 As requested per manufacturer's submission letter dated 8 <sup>th</sup> June 2015
<b>Laboratory</b>	GLI Africa (Pty) Ltd.
<b>Date Received / Date Completed</b>	8 June 2015 / 2 July 2015
<b>Results (Pass/Fail)</b>	Pass
<b>Conditions / Comments</b>	See page 2 <ul style="list-style-type: none"><li>- Comments and Conditions</li><li>- Verification Method</li><li>- Machine Identification Method</li><li>- Hardware Product Details</li><li>- Software Product Details</li><li>- Online System Product Details</li><li>- Applied Tests</li><li>- Artwork Details</li><li>- Product Characteristics</li><li>- Affirmative Statement of Compliance</li></ul>
<b>Annexes</b>	



## Comments and Conditions

### Comments

This Evaluation Report will lead to an update of ZT8444 (A2). The reason for this update is to introduce updated executable files. The tax report has been verified for Kwa Zulu Natal.

This evaluation has been conducted against SANS 1718 Part 4.

The program Verify+ by Kobetron<sup>TM</sup> was used to generate SHA-1 signatures.

BetTech Sports V1.13.1 does not handle deductions on withdrawn markets of Sport Events.

Adequate information on how to use the application is provided to the player by the operator and must be confirmed by the regulator prior to operation.

Sample submitted in good working condition.

### Conditions

There are no Conditions applicable for this Evaluation Report.

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# Verification Method

## Signature Verification Procedure:

### **Generating a Signature for a Windows File using Verify+ by Kobetron™**

To generate a signature for a single file:

1. Select the File option under Signature Method.
2. Select Windows Filesystem from the drop down menu.
3. Click Browse icon to choose the file for which a signature is being requested. **Or** drag the file into the display area of Verify+ by Kobetron™.
4. Click the Verify button.
5. After the signature calculation is complete, the results will be displayed in the window.

Please note that some Verify+ by Kobetron™ signatures may be reproducible using the GLI Verify® tool. However, GLI cannot guarantee the reproducibility of all signatures.

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## Hardware Product Detail

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## Software Product Details

There is no Software Product Details for this Evaluation Report.

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## Online System Product Details

File name	System Version	SHA1 Signatures	GLI CDCK	Certificate/ Approval ID
<b>BetTech Sports V1.13.1, BetTech Sports Online V1.13.1</b>				
betting\BetCalculations.php	N/A	1F1CAF4C7CCA46956B8E1AD913AE5EB577460DAF	C50A	*
betting\BetCalculations\Accumulator.php	N/A	141CA3C464ED431348AD5EB7B265F5ADC4CEF195	F113	*
betting\BetCalculations\Exotics\Double.php	N/A	A8F1DA4725D0943492B64E4922D3D3EB4559C426	3260	*
betting\BetCalculations\Exotics\Exacta.php	N/A	CCEFC7F1E89A9F7CDC47CEB2A3E57A6B6CA51A92	B749	*
betting\BetCalculations\Exotics\Pick3.php	N/A	037A24D2F4B416B9359F970AF7EB6A86DD5C0ED0	58FB	*
betting\BetCalculations\Exotics\Pick4.php	N/A	580428FB9C5A8A9515B04F91F6B64C8C4F8C40D8	BEDD	*
betting\BetCalculations\Exotics\Pick6.php	N/A	B2C7E62440C7CCF879B5F5DDBBAF461AB27B5B98	F8F1	*
betting\BetCalculations\Exotics\Placeaccumulator.php	N/A	1BE50AB13897932819E3F4A83341C62B4A0CE2DF	F956	*
betting\BetCalculations\Exotics\Quartet.php	N/A	ED470218B5777862A4618B6DBA70BC5CC2F9CFAB	792A	*
betting\BetCalculations\Exotics\Swinger.php	N/A	D86E569DE7A4EBA9C860297046A7D10FADBD18A6	F9B0	*
betting\BetCalculations\Exotics\Trifecta.php	N/A	A222392737358A0B5BD63451CFBB9C7D3788E025	01BF	*
betting\BetCalculations\FullCover\Canadian.php	N/A	C89BCB5CBB7ED5A6837BF6CF05F037B1E0D1ECEF	9965	*
betting\BetCalculations\FullCover\Goliath.php	N/A	FE5C450D907A4212B3064AEE7C11F08DFD08683F	DBC7	*
betting\BetCalculations\FullCover\Heinz.php	N/A	683A745D69FC3DA5939FD5875EF3A5344D0D1504	5D09	*
betting\BetCalculations\FullCover\Lucky15.php	N/A	E8ADFC226BE1A7B95A5AD671FB6C5E3A01A57AA3	E0E5	*
betting\BetCalculations\FullCover\Lucky31.php	N/A	90626BE517D54B5CD8E5B0A9EB753ABA8E687E65	7CD1	*

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## Online System Product Details

File name	System Version	SHA1 Signatures	GLI CDCK	Certificate/ Approval ID
<b>BetTech Sports V1.13.1, BetTech Sports Online V1.13.1</b>				
betting\BetCalculations\FullCover\Lucky63.php	N/A	F8E517B1A733D24C6A801ABFE049D57FC6FB04F3	499A	*
BetCalculations\FullCover\Patent.php	N/A	D1DEB86C0EDFF9C1714A24F14B61ED59E11669C4	101E	*
betting\BetCalculations\FullCover\SuperHeinz.php	N/A	73F954699EB1BC589F0CE903168517F32A29ED28	837A	*
betting\BetCalculations\FullCover\Trixie.php	N/A	45F48CC467BA971B082F0C22A7A2D531C31A57E6	D42E	*
betting\BetCalculations\FullCover\Yankee.php	N/A	44BF46D15DE3E741048C05665768252089A4DE7C	A3BE	*
betting\BetCalculations\LuckyNumbers.php	N/A	E26495D5E25ABFB031848D42E2C1CE78F5118033	1F0E	*
betting\BetCalculations\Place.php	N/A	71D9C80A28467FCB113EF135E92F1C7560C3D5F6	68E2	*
betting\BetCalculations\Poolbets.php	N/A	13E8702CCFBF3E1E13FD2313FD62200803E67919	D3FF	*
betting\BetCalculations\Single.php	N/A	B0E0385D1B5B91CB7265506F344CE738679E4CA8	D8DE	*
betting\BetCalculations\Singleeachway.php	N/A	7EBD48D294D93CA1A2F3449C3B259F0828145B6F	06DB	*
betting\BetCalculations\Spread.php	N/A	46815B8E1DFB6B65970F44B91A892D99D808EFCB	D609	*
betting\BetCalculations\Takeback.php	N/A	5716D904482C0ADD8CB9886AF1A9ADE4A2D01FFA	4A48	*
betting\BetCalculations\Takebackaccumulator.php	N/A	2139B5446CE64ACA8F8F0CE7A0AA3558AC34447C	509E	*
betting\BetCalculations\Takebackspread.php	N/A	7633924A4B901B485E85041A2083699AE704BB35	1F5A	*
betting\BetCalculationsORIG.php	N/A	E54D6E94DD9EBA0A6B53ABDF570F0276214E5898	0D0A	*
betting\BettingLibDAO.php	N/A	4B6C75D62B5CF8E8B8696A55A109E551C6D7CEE6	97C4	*
CompiledOriginals\Reports.php	N/A	A05F6D1270F7B37898C40B48AB9394F814A4FC1F	E4E2	*
betting\Task\CheckAdminIpAllowed.php	N/A	A738DA313467260BAF400B0BE566C29D684EB647	13D1	*
betting\Task\CRCcheck.php	N/A	653E835B9EBB7D050977ECF234C2D8E2FA2AD39C	E179	*

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## Applied Tests

Product ID	Test Performed	Reference N <sup>o</sup> .	Results	Additional Details
<b>BetTech Sports V1.13.1,</b> <b>BetTech Sports Online</b> <b>V1.13.1</b>	Systems Security - Access	WI TL01_06-02 12/Jun/09	Pass	Internal Reference: SY-100-BTP-15-01
	Systems Security – Files	WI TL01_06-03 12/Jun/09	Pass	
	Systems Significant Events	WI TL01_06-04 12/Jun/09	Pass	
	Systems Code Comparison & Compilation	WI TL01_06-05 12/Jun/09	Pass	
	Systems Physical	WI TL01_06-09 12/Jun/09	Pass	
	Systems Reporting	WI TL01_06-10 12/Jun/09	Pass	
	Jurisdictional Regulations Review	WI TL01_07 11/Jun/09	Pass	

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## Artwork Details

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## Product Characteristics

Product ID	Characteristics
<b>BetTech Sports V1.13.1</b>	<p><b>BetTech Sports V1.13.1</b> is a computer software package that has been specifically developed for the issuing and control of transactions in a wagering environment. <b>BetTech Sports V1.13.1</b> has been designed to provide a means to control all risk, at the same time managing all aspects of security, accounting and wagering information of all transactions. Sports and Horse Racing betting is available within the system. Cash betting is also allowed through the POS system.</p> <p>The following bet types were tested:</p> <ul style="list-style-type: none"> <li>• Win</li> <li>• Place</li> <li>• EachWay</li> <li>• Double</li> <li>• Treble</li> <li>• Accumulator</li> <li>• Fourfolds, Fivefolds, Sixfolds</li> <li>• Spreads</li> </ul> <p>The following Tote Bet Types were tested:</p> <ul style="list-style-type: none"> <li>• Exacta</li> <li>• Swinger</li> <li>• Trifecta</li> <li>• Quartet</li> <li>• Double</li> <li>• Pick 3</li> <li>• Jackpot</li> <li>• Pick 6</li> <li>• Place Accumulator</li> </ul> <p>The system offer's Boxed and Floating Banker for the above bet types.</p> <p>The tax report is available in a Leg By Leg format. Here all betting transactions i.e. single bets and resulted legs of multiple bet transactions are displayed on the tax report. The tax report is also available in format where multiples are reported only on the final leg. Take back bets and EOL have been verified on all tax report formats.</p> <p>BetTech Sports V1.12.1 has added the Point of Sale feature that allows for Cash Betting on Fixed Odds and Horse Racing Pool Bet Types. The reports, bets &amp; transaction details are reflected and available at the BetTech back office. A Point of Sale supervisor has been made available to manage the float.</p>
<b>BetTech Sports Online V1.13.1</b>	<p><b>BetTech Sports Online V1.13.1</b> is an internet-based application that has been specifically developed for internet sports and horse racing wagering. Punters can register on <b>BetTech Sports Online V1.13.1</b>. Registered punters can place bets for forthcoming tournaments and events, view their balance and account information and see a history of their transactions.</p>

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# Affirmative Statement of Compliance

GLI Africa (Pty) Ltd. hereinafter referred to as GLI is a SANAS accredited Testing (T0143) Body in accordance with ISO/IEC 17025.

I hereby state on behalf of GLI, the submission referred to herein, has been evaluated in conformance with the requirements of ISO/IEC 17025, and conforms to the appropriate requirements of South African National Standard (SANS) 1718.

Note: This Report relates only to the specific sample(s) tested as identified herein. The results do not apply to any similar item that has not been tested.

South African National Standard requirement	SANS 1718 Part 4 Section reference
General requirements	4
Operational requirements	5
Software requirements	6
Significant Events	7
Annex A (normative) PLA reports	A
Annex B (normative) Additional requirements for systems that include extended communications	B
Annex C (normative) Change control and upgrade management	C

Tested By:



Ravisha Harripershad  
Senior Test Engineer



Reenesh Mahabeer  
Technical Manager (Technical Signatory)

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# Terms and Conditions

## Terms and Conditions:

This Report is issued solely for the benefit of the Recipient(s) for the specific jurisdiction referenced in this Report, and may not be relied upon for any reason by any person or entity other than the Recipient(s) including, but not necessarily limited to, the manufacturer and/or developer of the items (a "Third Party") which are the subject of this Report, notwithstanding the fact that a copy of the Report may be delivered or otherwise made available to a Third Party. In this regard, the Recipient(s) and any Third Party will be deemed to have acknowledged that nothing in this Report is intended to create, nor shall it be deemed or construed to create, any relationship between (a) the Issuing Organization (GLI) and the Recipient(s) other than that of independent entities contracting with each other solely for the purpose of the preparation and submission of the Report; and (b) GLI and a Third Party. Neither GLI nor the Recipient(s), nor any of their respective employees or representatives, shall be construed to be an agent, employer or representative of the other.

The information contained in this Report applies exclusively to evaluations conducted, using current and retrospective methods developed by the issuing organization (GLI), on the specific items submitted, by the manufacturer or any other party, which are described on page one of this Report. It is the responsibility of the manufacturer and/or developer of the items submitted to apply for, obtain and maintain all necessary gaming licensure in each jurisdiction in which they do business, including state and tribal jurisdictions, where applicable. Any electrostatic test methods used by GLI are intended only to simulate techniques observed in the field being used to attempt to disrupt the integrity of Electronic Gaming Devices. During the course of the evaluation, GLI checks for marks, symbols or documents indicating that a device has undergone product safety or RoHS compliance testing, if required. GLI also performs a cursory review of information accompanying the items submitted, where possible and when provided, for evidence that the items have undergone compliance testing for Electromagnetic Interference (EMI), Radio Frequency Interference (RFI), Magnetic Interference, Liquid Spills, Power Fluctuations, Electrostatic Immunity, Electromagnetic Compatibility and Environmental conditions. Compliance with any such regulations related to the aforementioned testing is the sole responsibility of the manufacturer and/or developer of the items submitted; GLI accepts no responsibility, makes no representations and disclaims any liability with respect to all such non-gaming testing. Details of the evaluation methods used, excluded evaluations, and actual data showing the evaluation results are available to the Recipient(s) upon written request.

GLI warrants to the recipient(s) that all services provided by GLI hereunder have been performed in accordance with established and recognized testing procedures and with reasonable care in accordance with applicable laws. GLI does not make, and expressly disclaims, all other warranties of any kind, expressed or implied, including without limitation any warranties of non-infringement or merchantability, suitability or fitness for a particular purpose. Without limiting any of the foregoing, under no circumstances shall the opinions and conclusions established by this report not be construed to imply any endorsement or warranty regarding the functionality, quality or performance of the subject product(s), including, but not limited to hardware or software. No party or person shall state or imply anything to the contrary. The liability and obligations of GLI hereunder, and the remedy of the recipient(s), under or in connection with this agreement shall be limited to, at GLI's option, replacement of the services provided or the refund by GLI of any monies received by it for the services provided. In no event shall GLI be responsible to the recipient(s) or any third party for any consequential, incidental, direct, indirect or special damages, including without limitation damages for lost profits or revenue, business interruption, or punitive damages, even if GLI had been advised of the potential for such damages and whether such damages arise in contract, negligence, tort, under statute, in equity, at law or otherwise. All rights and remedies of third parties relating to products and services that are the subject of the information or evaluations provided in this report shall be the exclusive responsibility of the recipient(s) and GLI expressly disclaims any liability whatsoever in connection with such third party rights and remedies. GLI and the recipient(s) acknowledge and agree that the services provided by GLI hereunder could not be rendered by GLI under the terms provided herein without an increase in cost if GLI was required to provide any warranties in addition to, or in lieu of, or was required to assume any liability in excess of, the foregoing.

If you should have any questions regarding this information, please feel free to contact our office.

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