
**Northern Territory
Gaming Equipment
Submission Requirements**

& Appendix to the

**Australian / New Zealand
Gaming Machine National
Standards**

Version: 9.1

5 December 2007



CONTENTS

CONTENTS	2
GLOSSARY	3
NT.1.0 INTRODUCTION	4
GENERAL	4
DOCUMENT CONTROL	4
AUSTRALIAN / NEW ZEALAND NATIONAL STANDARDS	4
LEGISLATION	4
NT.2.0 POLICIES	4
APPROVED GAMING MACHINES & GAMES	4
MONITORED MACHINES	4
TECHNICAL EVALUATIONS	4
EVALUATION COSTS	4
ROLL OF MANUFACTURERS & SUPPLIERS	4
SAFETY	4
JACKPOTS	4
GAMES THAT HAVE A COMPONENT OF STRATEGIC SKILL (REFER NATIONAL STANDARDS SECTION 3.9.13)	4
NT.3.0 TECHNICAL REQUIREMENTS	5
GENERAL	5
NT COMMUNITY GAMING MACHINES	5
NT CASINO MACHINES (POKER MACHINES)	5
NT.4.0 SUBMISSION REQUIREMENTS AND PROCEDURES	6
GENERAL	6
SUBMISSION FORMATS	6
NT.5.0 DIVISION CONTACT	7
GENERAL CORRESPONDENCE & SUBMISSIONS	7
NT.6.0 TRANSPORTATION OF GAMING MACHINES	7
TRANSPORTATION ADVICE	7
NT.7.0 ATTACHED FORMS	8
NT.8.0 REVISION HISTORY	9
NT.9.0 RELEASE INFORMATION	9



GLOSSARY

Definition

Approved Evaluator	A person who is approved as an evaluator under the Gaming Machine Act.
ATF	Nationally Accredited Test Facility formally approved by the Director.
Director	Director of Licensing.
Division	Licensing and Regulation Division of the NT Department of Justice.
EGM	Electronic Gaming Machine / Electronic Poker Machine.
FIPS PUB	United States Federal Information Processing Standards Publication.
Game	The set of rules that defines the play and awarding of prizes on a gaming machine.
Gaming Equipment	Means a gaming machine, a game, linked jackpot equipment, electronic monitoring system, centralised credit system or any part of or replacement part for such a machine, equipment or system.
Gaming Machine	As defined under the Gaming Machine Act and the Gaming Control Act and includes a Poker Machine.
HMAC	Keyed-Hash Message Authentication Code (refer: FIPS PUB 198)
HMAC-SHA1	HMAC utilising: a key (seed), the Program Media file and the SHA-1 hash function. (suitable applications: QOGR HMAC-SHA Utility available from the Division, HashCalc from slavasoft.com).
Jurisdiction	Australian / New Zealand State or Territory gaming regulatory body or Authority.
LMP	Licensed Monitoring Provider, The NTTAB has the LMP licence until 1 July, 2011.
National Standards	Australian / New Zealand Gaming Machine National Standards.
NSD	Nominal Standard Deviation. (refer clause 3.9.17 of the National Standards).
NT	Northern Territory of Australia.
NT Casinos	Lasseters Hotel Casino Alice Springs & Skycity Darwin.
NT Community	NT clubs and hotels.
Poker Machine	The approved NT casino game utilising gaming machines.
Program Media	Media upon which the program code or data is stored. e.g. EPROM's, Flash ROM's.
PSD	Program Storage Device.
QCOM	Queensland Treasury EGM Communications Protocol.
QOGR	Queensland Office of Gaming Regulation.
RTP	Return To Player.
SHA-1	Secure Hash Algorithm (refer: FIPS PUB 180-2).
Submission Notice	The previously required Submission Notice is no longer required.
Transportation Advice	Emailed summary of gaming machines being transported into the Northern Territory.
Transportation Notice	Transportation Notice has been replaced with Transportation Advice.



NT.1.0 INTRODUCTION

General

NT.1.1 This document is the Division's appendix to the Australian / New Zealand Gaming Machine National Standards. It describes the additional technical and submission requirements for the evaluation of gaming equipment for approval within the NT.

Document Control

NT.1.2 The document version number is a combination of major and minor revision numbers. The significance of the document changes shall be indicated by an increment in the respective revision number. Summaries of changes are detailed in the documents 'Revision History'.

Australian / New Zealand National Standards

NT.1.3 The Gaming Machine National Standards is the principal technical standard for gaming equipment intended for operation in NT clubs, hotels and casinos. This document is applicable to the National Standards up to and including revision 9.xx as released by the National Standards Working Party, subject to a 6 month grace period before new requirements come into force.

Legislation

NT.1.4 These submission requirements are issued Pursuant to sections 26 & 51 of the NT Gaming Control Act, relating to Casinos, and sections 116, 117, 127, 131 & 161A of the NT Gaming Machine Act, relating to NT Community gaming venues, and the relevant regulations issued under these Acts.

NT.1.5 The relevant legislation may be found at <http://www.nt.gov.au/lant/>.

NT.2.0 POLICIES

Approved Gaming Machines & Games

NT.2.1 The Director of Licensing shall approve all gaming equipment intended for operation in the Northern Territory.

Monitored Machines

NT.2.2 NT club & hotel gaming machines shall be monitored by the NT licensed monitoring provider. Both Alice Springs and Darwin casinos operate in-house gaming machine monitoring systems.

Technical Evaluations

NT.2.3 Gaming equipment intended for operation in the NT shall be technically evaluated as described in this document. Technical evaluations are carried out through the Division, a Division approved ATF, through another jurisdiction or its ATF.

Evaluation Costs

NT.2.4 The Director may accept gaming equipment for evaluation on payment of the prescribed fee.

NT.2.5 Manufacturers and suppliers are responsible for the costs for gaming equipment evaluations.

Roll of Manufacturers & Suppliers

NT.2.6 Manufacturers and suppliers of electronic gaming equipment will be placed on the '*Roll of Recognised Manufacturers and Suppliers of Gaming Machines*' following consideration of probity and such other investigations the Director deems necessary.

Safety

NT.2.7 Gaming equipment shall be manufactured considering all applicable standards (e.g. Electrical, Radio Frequency Interference etc.) and the environment in which the EGM will be operated.

Jackpots

NT.2.8 Wide area multi-venue gaming machine jackpots are not permitted in the NT.

NT.2.9 Jackpots within NT Community venues and casinos venues shall be evaluated on a case by case basis.

Games that have a component of strategic skill (refer clause 3.9.13 of the National Standards)

NT.2.10 A fundamental requirement for 'Strategic Skill' is the availability, to the player, of objective rationale as the basis for strategy decisions. A statement that 'choice A is better than choice B' is not considered 'Strategic Skill'.

NT.3.0 TECHNICAL REQUIREMENTS

General

- NT.3.1 Gaming equipment for NT clubs, hotels and casinos shall meet the requirements of the National Standards and this Appendix.
- NT.3.2 This document applies to all gaming equipment intended for operation within the NT and takes precedence over any contradicting standards / requirements.
- NT.3.3 Prizes shall not be truncated to suit a philosophical maximum prize value (e.g. \$10 050 adjusted to \$10,000 or 20 free games terminated after 18 games.)
- NT.3.4 Subject to clauses NT.3.9 & NT.3.20 or unless approved otherwise, gaming machines shall be fitted with electro-mechanical meters as described in the National Standards (2.4 Computer & Peripheral Hardware | Hard Meters).
- NT.3.5 Artwork themes, including: religious, cultural, indigenous sacred sites, representations of intoxication, drug, liquor and tobacco related images, may be considered inappropriate. Such artwork may be individually submitted for consideration.
- NT.3.6 Games having a Nominal Standard Deviation (NSD) greater than 15 will be considered on a case by case basis. (refer clause 3.9.17 of the National Standards).
- NT.3.7 Upon application, the requirement for EGM PSD Verification utilising the HMAC-SHA1 may be waived for Gaming Equipment approved prior to the release of this Appendix. (refer clauses 3.1.3 & 3.2.15 of the National Standards). Dispensation for these requirements would only be in effect until 30th June 2009.

NT Community Gaming Machines

- NT.3.8 In-house linked jackpots and jackpot gaming machines are permitted in NT clubs & hotels, subject to evaluation on a case by case basis.
- NT.3.9 Subject to these requirements, gaming machines and gaming machine games operated in NT clubs & hotels shall be QCOM protocol compliant and identical to the same approved by the QOGR.
- NT.3.10 Electro-mechanical meters are not mandatory on NT Community (QCOM) gaming machines.
- NT.3.11 This Division will accept approved QOGR club & hotel (QCOM) gaming machine types and games that satisfy the requirements of this document, subject to receiving a submission for each gaming machine type and game, refer to clause NT.4.6.
- NT.3.12 The minimum RTP for NT clubs & hotels is 85%, this may include jackpot contributions.
- NT.3.13 Game credit values of 1, 2, 5, 10 & 20¢ and \$1 only, are permitted in NT Community machines.
- NT.3.14 The maximum stake or wager for NT Community games shall not exceed \$5.00, gamble/double-up excluded.
- NT.3.15 Banknote acceptors are not permitted in NT Community machines.

NT Casino Machines (Poker Machines)

- NT.3.16 Gaming equipment evaluated against the National Standards and currently approved for use within another Jurisdiction will be favourably considered for approval in NT casinos.
- NT.3.17 Gaming equipment intended for operation in NT casinos that is not currently approved for use within another Jurisdiction shall be evaluated by an NT approved ATF against National Standards version 9.xx.
- NT.3.18 The minimum RTP in NT casinos is 88%, this may include jackpot contributions.
- NT.3.19 There is no maximum stake or wager for NT casino games.
- NT.3.20 There is no limit on the value of prizes won from a game or from a double-up feature for NT casinos.
- NT.3.21 Hard Meters are not mandatory in Casino venues where the poker machine is monitored by an approved monitoring system that records the poker machine meters.



NT.4.0 SUBMISSION REQUIREMENTS AND PROCEDURES

General

- NT.4.1 Manufacturers and suppliers may submit gaming equipment, to an NT approved ATF, for evaluation at their discretion.
- NT.4.2 The previously required Submission Notice is no longer required.
- NT.4.3 Gaming equipment intended for use within the NT shall be adequately identified by supporting documentation, drawings etc. A production sample of gaming equipment should only be provided to this office when requested.
- NT.4.4 All gaming equipment submissions shall include an original signed paper 'NT Certification & Indemnity Declaration' and 'Game Profile' (per 6.4.7 of the National Standards).
- NT.4.5 Submission material for casino gaming equipment shall be submitted through an NT approved ATF for technical evaluation.
- NT.4.6 Submission material for Community (club & hotel) gaming equipment shall be submitted through the QOGR for verification against the identical QOGR approved gaming equipment.
- NT.4.7 Where available a copy of the gaming equipment interstate approval, including detail of the current approval status, shall be included with the submission material.
- NT.4.8 Game submission material shall include, on CDROM (slim CD case preferred):
- image files for all game program media (i.e. All program media devices including but not limited to: graphics, shell, system, EPROM's, Flash memory device's etc.);
 - the 160-bit message digest (40 hexadecimal characters) utilising the HMAC-SHA1(seed=00) for each of the provided image files; &
 - program media labels in an electronic format along with a precise description of the related image file (a digital photo is suitable).

An adequate quantity of blank program media firmware devices and a system to enable programming of any custom devices (i.e. non off the shelf devices) shall be provided by the manufacturer / supplier.

Please Note: Subject to the supply of the above-mentioned (image files, message digests, labels and programmer) sample program media firmware devices are no longer required as part of each game submission.

- NT.4.9 On completion of the evaluation the ATF or evaluating jurisdiction shall forward an evaluation report and all associated submission material to the Division. (i.e. material identified under section NT.4.0 of this document).
- NT.4.10 Manufacturers and suppliers will liaise with the relevant ATF or jurisdiction conducting the technical evaluation.

Submission Formats

- NT.4.11 Subject to clause NT.4.12, submission material shall conform to chapter 6 of the National Standards.
- NT.4.12 Where identical gaming equipment has been approved for use within another jurisdiction, the submission material may be provided in the format required by that jurisdiction.
- NT.4.13 The previously required Submission Notice is no longer required.
- NT.4.14 Transportation Advice shall be in the format defined in clause NT.6.2.



NT.4.15 The preferred submission media is CD-ROM (slim CD case preferred), the original Certification & Indemnity Declaration shall be on paper, hardware as is (if requested). Artwork shall be included on the CD-ROM, printed artwork is not required.

NT.4.16 Manufacturers and Suppliers are encouraged to utilise PGP Security to sign and/or encrypt electronic submission material limiting access to such material to authorised organisations. The Division's Public PGP Key is herein attached:

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: PGP for Business Security 5.5.3

mQGiBD711VURBADsqtKnXGMuD9W8khp1Vsdw9fPXUg7tJY/+oJFamp9eNEu3qRL
MchbRdzx8+XhJ9fXIN6aBEWFzLTkxw/Tt4vewhCi4IGPgZ+TdZXQIRzEY17kb/ES
1+2LSxkqluSGuTuNiMI/eOk/8di+/pYniMxx0DXVGrFweW6JhH4Tqc5QCg/0D5
cusAF2zvZMFLFZYcfqFmb0EALR7Q82/EYrd8/n97GhgZPK+KQ8xzqGBmeBfagf/
u8OkqFu5bC9HtGw8/5ZtP876dDWPQNtGFWfSDA6TcF+DpTFbfc3+Lr4tua4++I1
oRwF5n6CAfp7ovGwHEZtBvERpaky3n1xvi5svvoLn+CMcvn3Z+29yhSKfEFVUO0Q
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VqMU6Y9AVfPQB8blQ6mUrfdMZlZJ+AyDvWXPf9Sh01D49V1f3HZSTz09jdvOmeFX
klnN/biude/F/Ha8g8VHMGHOfM1m/xx5u/2RXscBqtNbn02gpXI61Brwv0YAWCV1
9Ij9WE5J280gtJ3kKqC2azNsOAlFHQ98iLMcfFstjvzbzySPAQ/ClWxiNjrtVjLhd
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0ApQmwJG0wg9ZqRdQZ+cfL2JsyIZJrqr017DVeKyCzsAAgIH/jWgtSBS2GwN21pR
2aRpDfm7WuHfSAzMI+N0iF4aVnqmQL6f2cAGxejy/RfdnhaaQUBKgd2aIYNHx1+
X5cCM1Sm+VCC9Hk+1PbbSma6qVCCfX9hPiwi/g4/E/llhGGR+npfn5cVjtr9EK+K
TmsMpBm10AtuwNeTifqB1EzF/t9cubLn7mq5btFuhbMe3/XGdLnyCHMuSBY6oq7z
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9gA6gk+WT+c2JpqLsJmymz3W8IMjuEOB26mWdF/WwN5KVUzGdp/O/W//BKSkg1PK
tKYTghqJAEYEGBECAAYFAj711VUACgkQcvi+hbBick/U8gCg7Q7nheNg+Js0rcbb
V6+5GDYg3YAoIkBmfVH5WYudIhxVg0z3PoedEYs
=oITc
-----END PGP PUBLIC KEY BLOCK-----
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NT.4.17 Manufacturers and Suppliers shall identify each submission with a unique reference identifier.

NT.5.0 DIVISION CONTACT

General Correspondence & Submissions

NT.5.1 General correspondence and gaming equipment submissions shall be addressed to the following.

Postal: Director of Licensing
Northern Territory Department of Justice
Licensing and Regulation Division
GPO Box 1154
DARWIN NT 0801

Residential: Level 1 Enterprise House
28 – 30 Knuckey Street
DARWIN NT 0800

Email: electronic.gaming@nt.gov.au

Telephone: 08 8999 1308

Facsimile: 08 8999 1888

NT.6.0 TRANSPORTATION OF GAMING MACHINES

Transportation Advice

NT.6.1 Suppliers of gaming machines shall provide Transportation Advice to the Division containing information relating to all gaming machines being transported into the Northern Territory.

NT.6.2 Transportation Advice shall be provided via email to the Division contact. The Advice shall include the following for each gaming machine being transported: make, model, game_name, serial_number, origin & destination.



NT.7.0 ATTACHED FORMS

NT.7.1 An electronic copy of the attached form is available on request.

Form	Title	Description
A	NT Submission Notice	This Form is no longer required.
B	NT Transportation Notice	This Form is no longer required, refer clause NT.6.2.
C	NT Certification and Indemnity Declaration	Original paper Declaration provided by the Manufacturer / Supplier.



NT.8.0 REVISION HISTORY

Date	Version	Description	Author
12/01/2001	1.0	This is the new 'Northern Territory Submission Requirements & Appendix' to the Australian / New Zealand Gaming Machine National Standards. The document replaces the 'Submission requirements for the technical evaluation of electronic gaming equipment for use within NT casinos and community gaming venues' dated 29-Jun-97.	
17/05/2001	2.0	Changes to effect the change of community EGM communications protocol to QCOM.	
17/08/2005	8.0	Incorporates up to and including Version 8.xx of the National Standards. Version number change to reflect associated version of the National Standards. QCOM version 1.6 implementation. HMAC-SHA1 signatures for PSD's. PGP Public Key included. General update of document.	S. Newland
1/11/2007	9.0	Incorporates up to and including Version 9.xx of the National Standards. Version number change to reflect associated version of the National Standards. Change of Department name to Department of Justice. Submission Notice is no longer required. Transportation Notice is no longer a separate form. General update of document. NSD references added.	S. Newland
5/12/2007	9.1	Dispensation may be considered regarding HMAC-SHA1 PSD Verification for previously approved EGM's, effective only until 30th June 2009.	S. Newland

NT.9.0 RELEASE INFORMATION

Title: Northern Territory Submission Requirements & Appendix
Author: Electronic Systems Division
Version: 9.1
Print Date: Wednesday, 5 December 2007
Authority to Release: Director of Licensing

SIGNED

____/____/____
DATED

