

**MasterCard Worldwide**  
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Purchase, NY 10577  
U.S.A



Giesecke & Devrient GmbH  
Banking, Industry & Government  
Prinzregentenstrasse 159  
81677 Munich  
Germany

August 10, 2009

### **MasterCard® *PayPass*™ Vendor Product – Letter of Approval**

Approval Identifier: CLOA-GIDE090801-090810(a), expires on November 26, 2010  
Product Vendor: Giesecke & Devrient GmbH  
Product Commercial Name: StarCL M v3.00  
Product Technical Name: StarCL M v3.00 MC<sup>2</sup>  
Registration Number: CL/GIDE/0908/01/PPMS/C-B

Under the terms of the *PayPass* Specification License Agreement dated March 15, 2005, this letter permits you to advise your customers that the above product has successfully completed the requirements for a vendor product approval by MasterCard as a ***PayPass* – Mag Stripe, 4 lines embossing ID-1 Card with a Half antenna (Type B)**.

**Please see page 2 for the Conditions of Approval.**

This letter does not constitute an endorsement or warranty by MasterCard regarding the functionality, quality or performance of the submitted product, including without limitation any warranties of merchantability, fitness for purpose or non-infringement, all of which are expressly disclaimed by MasterCard.

The product will be listed on the MasterCard *PayPass* web site as an approved *PayPass* vendor product until the Approval Expiration Date. Any change to the product must be promptly notified to MasterCard.

MasterCard reserves the right to use any approved *PayPass* product as a reference for future testing, certification or approval of other *PayPass* products.

Yours sincerely,

Arnaud du Chéné,  
Senior Business Leader  
Chip Center of Excellence  
MasterCard Worldwide

### Details of Vendor Product Approval

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Registration Number:	CL/GIDE/0908/01/PPMS/C-B
CAST References:	CCN0246, expires on November 26, 2010
Test Assessment References:	PPMS A-GIDE071203C4-C-B-FIM-0901-C011 PPMS D-ISDE071101C2-P-B-FIM-1008-0007

### MasterCard Reference Specifications

<i>PayPass – ISO/IEC 14443 Implementation Specification – Version 1.1– Mar. 2006</i>
<i>PayPass – Mag Stripe Technical Specifications – Version 3.3 – December 20, 2007</i>
<i>PayPass – Mag Stripe Application Note #13 – December 20, 2007</i>
<i>PayPass Application Note #3 (170 ms Performance Policy) – January 13, 2009</i>

### Conditions of Approval

1. This Letter of Approval is only valid for Canadian Tire Financial Services.
2. The Vendor commits to inform the Issuer of the above conditions.

### Product Technical Restrictions

This *PayPass – Mag Stripe* product supports static CVC3 generation (as defined in specification V3.2) whereas only a dynamic CVC3 generation should be supported according to the V3.3 specification.

### Issuer Implementation Notes

As a consequence of the Technical Restriction detailed here above, the issuing bank must ensure that the DGI 'A001' is set up as defined in '*PayPass – Mag Stripe Technical Specifications V3.3 – December 2007*'.