

**MasterCard Worldwide**  
2000 Purchase Street  
Purchase, NY 10577  
U.S.A



CPI Card Group-Colorado, Inc  
10368, W.Centennial Road  
Littleton, CO 80127  
USA

August 21, 2008

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

Approval Identifier: CLOA-CPIC080401-080821(b), expires on August 21, 2011  
Product Vendor: CPI Card Group-Colorado, Inc  
Commercial Product Name: Hercules JC 2.1.2  
Technical Product Name: CPI11313  
Registration Number: CL/CPIC/0804/01/PPMS/C-B

Under the terms of the *PayPass* Specification License Agreement dated 2<sup>nd</sup> April 2004, 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

### Detail of Vendor Product Approval

Approval Identifier:	CLOA-CPIC080401-080821(b), expires on August 21, 2011
Product Vendor:	CPI Card Group-Colorado, Inc
Commercial Product Name:	Hercules JC 2.1.2
Technical Product Name:	CPI11313
Registration Number:	CL/CPIC/0804/01/PPMS/C-B
CAST References:	CCN0278, expires on June 12, 2011
Test Assessment References:	PPMS A-CPIC080401A1-CB-FIM-0808-0002, expires on August 1, 2009 PPMS D-OTIG080701A2-PB-FIM-0808-0002, expires on August 1, 2009

### MasterCard Reference Specifications

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

### Conditions of Approval

None

### Product Technical Restrictions

None

### Issuer Implementation Notes

None