# Magnetic Ink Printing Specifications For DDA/ARP Check Orders

Michigan, Ohio - 070

| See ANSI Publication #  | A3.27 for Frinting Opecinications  |  |                                 |
|---|--|--|---------------------------------|
| Account Name  |  | Customer Account Number  |                                 |
|   |  | Starting Check Number  |                                 |
|   |  |  |                                 |
| ddress  |  | Completed By   |                                 |
| city, State, ZIP Code   |  |  |                                 |
| <ul> <li>½-inch clear band across the</li> <li>Debossment may not exceed</li> <li>MICR check serial number in the "body" of the check (pred).</li> <li>Paper weight MUST be 24lb</li> <li>The paper quality must be successfully withstand 15 pa</li> <li>Maximum detached document</li> <li>Minimum detached document</li> </ul> | etic encoding is to appear within the bottom of the document.  1.001 inch.  must correspond to the check number in ferably the top right hand corner).  MICR bond.  uch that all checks/MICR documents will asses on PNC Bank reader/sorters.  In size is 8¾" x 3½".  In size is 6" x 2¾".   | USE OF AUXILIARY ON-US FIELD  1. If the auxiliary ON-US field is used, the ON-US symbol must apper in position 45 and to the left of the last digit.  If a commercial account requires a check serial number, it must be the auxiliary ON-US field.  2. ARP accounts MUST have a check (serial) number in the auxiliary ON-US field.  3. The maximum number of numeric digits is 10. (Less than 10 may be used.)  IMPORTANT  rements — contact the Quality Control Department, 216-257-5147.   | pe in                           |
| Jpon completion of this order,  |  | BL - Blank Column  |                                 |
| of 20 documents for MICR test<br>PNC Bank, N.A.<br>Lattn: Quality Control   | ROUTING/TRANSIT FRACTION MUST<br>APPEAR IN UPPER RIGHT CORNER<br>OF CHECK  | BANK NAME AND LOCATION MUST APPEAR ON CHECK AS SHOWN BELOW  TR - Transit No. Sym AM - Amount Symbol  | ol i                            |
| 7-YB19-01-6   | ROUTING/TRANSIT FRACTION   | AC - On-Us Symbol  | 1                               |
| 100 W. 150th St<br>Eleveland OH 44135   | 6 - 12 / 410   | PNC Bank, N.A. 070  DA - Dash Symbol X - Consec. No. Pos  TO ADHERE TO ALL ANSI/X9 SPECIFICATIONS  | ositior                         |
| 100 W. 150th St leveland OH 44135  * IT IS THE PRIN  NUMBERS AND  PERSONAL SIZE   | 6 - 12 / 410  TER'S RESPONSIBILITY T  SYMBOLS SHOWN BELOW N  56 55 54 53 52 51 50 49 48 47 46 45 44 43 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 44 47 46 45 47 47 46 45 47 47 47 47 47 47 47 47 47 47 47 47 47 | PNC Bank, N.A. 070  DA - Dash Symbol X - Consec. No. Pos  TO ADHERE TO ALL ANSI/X9 SPECIFICATIONS  MUST BE PRINTED IN MAGNETIC INK WITH E 13 B TYPE  3 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16  | <b>E</b>                        |
| 100 W. 150th St leveland OH 44135  * IT IS THE PRIN  NUMBERS AND  PERSONAL SIZE   | 6 - 12 / 410  TER'S RESPONSIBILITY T  SYMBOLS SHOWN BELOW N  56 55 54 53 52 51 50 49 48 47 46 45 44 43   | PNC Bank, N.A. 070  DA - Dash Symbol X - Consec. No. Pos  TO ADHERE TO ALL ANSI/X9 SPECIFICATIONS  MUST BE PRINTED IN MAGNETIC INK WITH E 13 B TYPE  3 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16  R D 4 1 0 0 0 1 2 4 7 A C COUNT NUMBER  CHECK   | ECK NO                          |
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| 00 W. 150th St leveland OH 44135  * IT IS THE PRIN  NUMBERS AND PERSONAL SIZE CHECKS  BUSINESS SIZE   | 6 - 12 / 410  TER'S RESPONSIBILITY T  SYMBOLS SHOWN BELOW N  56 55 54 53 52 51 50 49 48 47 46 45 44 43  (AUXILIARY ON-US FIELD)  56 55 54 53 52 51 50 49 48 47 46 45 44 43   | PNC Bank, N.A. 070  DA - Dash Symbol X - Consec. No. Pos  TO ADHERE TO ALL ANSI/X9 SPECIFICATIONS  MUST BE PRINTED IN MAGNETIC INK WITH E 13 B TYPE  3 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16  ROUTING TRANSIT FIELD  ACCOUNT NUMBER  CHECK (TRANSIT FIELD ACCOUNT NUMBER)  ROUTING TRANSIT FIELD  ACCOUNT NUMBER  TO ACC | ECK NON CODE                    |
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| 100 W. 150th St<br>Cleveland OH 44135  * IT IS THE PRIN   | 6 - 12 / 410  TER'S RESPONSIBILITY T  SYMBOLS SHOWN BELOW N  56 55 54 53 52 51 50 49 48 47 46 45 44 43  (AUXILIARY ON-US FIELD)  CHECK NUMBER FIELD (AUXILIARY ON-US FIELD)  56 55 54 53 52 51 50 49 48 47 46 45 44 43  THE CHECK NUMBER FIELD (AUXILIARY ON-US FIELD)   | PNC Bank, N.A. 070  DA - Dash Symbol X - Consec. No. Pos  TO ADHERE TO ALL ANSI/X9 SPECIFICATIONS  MUST BE PRINTED IN MAGNETIC INK WITH E 13 B TYPE  3 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16  ROUTING TRANSIT FIELD  ACCOUNT NUMBER  CHEC (TRAN  3 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16  ROUTING TRANSIT FIELD  ACCOUNT NUMBER  TO ACCOUNT NUMBER  TO A C THEC (TRAN  3 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16  ROUTING TRANSIT FIELD  ACCOUNT NUMBER  TO A C THEC (TRAN  A THE TRAN  A THE THE TRAN  A THE THE TRAN  A THE   | TRAN CODE  TRAN CODE  TRAN CODE |
| 100 W. 150th St Cleveland OH 44135  ** IT IS THE PRIN  NUMBERS AND PERSONAL SIZE CHECKS  BUSINESS SIZE CHECKS  HORIZONTAL DEPOSIT TICKETS   | 6 - 12 / 410  TER'S RESPONSIBILITY T  SYMBOLS SHOWN BELOW N  56 55 54 53 52 51 50 49 48 47 46 45 44 43  (AUXILIARY ON-US FIELD)  CHECK NUMBER FIELD (AUXILIARY ON-US FIELD)  56 55 54 53 52 51 50 49 48 47 46 45 44 43  THE CHECK NUMBER FIELD (AUXILIARY ON-US FIELD)   | PNC Bank, N.A. 070  DA - Dash Symbol X - Consec. No. Post Consecution No. Post No. | TRAN CODE                       |

THIS ORDER IS NOT VALID UNLESS SIGNED BY AN AUTHORIZED AGENT OF PNC BANK.

WHITE COPY - VENDOR FORM129463

Signature

Date

## **Convenience Amount Scan Area**

#### **Description.**

An imaginary rectangle of fixed size and location with its long axis parallel to the aligning edge of the document within which the convenience amount rectangle will be located.

#### Specifications.

Size. The scan area shall be 0.600 inch high and 2.250 inches wide.

**Location.** The lower edge of the scan area shall be 1.400 inches from the aligning edge. The upper edge shall be 2.000 inches from the aligning edge. The right edge shall be 0.250 inch from the leading edge. The left edge shall be 2.500 inches from the leading edge.

#### Convenience Amount Rectangle

**Description.** A rectangular area for the convenience amount that is free from external interference to ensure quick and accurate visual determination of the value of the payment document.

#### Specifications.

Size. The inside dimensions of the amount rectangle shall be between 0.200 inch and 0.300 inch high and between 0.800 inch and 2.150 inches wide.

**Location.** The amount rectangle shall be entirely within the scan area. It shall be located such that the 0.100 inch convenience amount clear area limits are maintained. Combined printing and cutting tolerances shall not exceed ±0.063 inch.

The precise location and size of the amount rectangle will be determined by the form designer. The specification provides flexibility so machine printed checks can be aligned on a print line in the amount rectangle when checks are printed at either six lines per inch or eight lines per inch. Amount rectangles of varying length and horizontal placement can be used as best fit user needs.

Design Variations. The design of the amount rectangle shall be one of the following variations listed in order of preference.

- (1) A rectangular area of appropriate color intensity surrounded by a basic background color. The difference in color shall be such that the print contrast signal (PCS) of the background and rectangular area does not exceed 0.30.
- (2) A rectangular area with its outline printed in a color such that the PCS of the outline of the background does not exceed 0.30. The minimum stroke width for the outline shall be 0.008 inch.
- (3) A rectangular area with its outline printed by screening techniques having a minimum screen of 120 lines per inch and a minimum stroke width of 0.020 inch. The PCS of the screened outline and the background shall not exceed 0.30.
- (4) A rectangular area with its outline printed in a color such that the PCS of the outline and the background shall be greater than 0.60. The stroke width of the outline shall be 0.008 inch  $\pm$  0.002 inch. This alternative shall be used only in the event that a low PCS rectangle outline is not practical.

#### **Convenience Amount Clear Area**

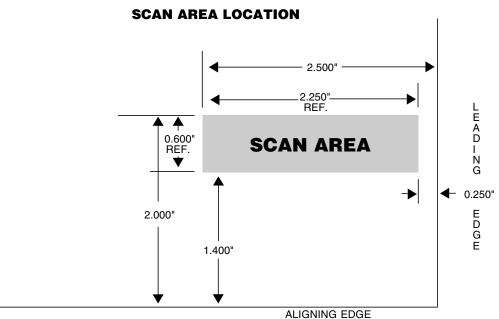
**Description.** An imaginary rectangle, inside the scan area, surrounding the convenience amount rectangle. No extraneous marks or printing of any kind shall appear within the clear area.

**Size.** On the left side of the amount rectangle, the clear area shall extend 0.100 inch to the left of the preprinted dollar symbol if the document has a preprinted dollar symbol or 0.100 inch to the left of the amount rectangle if the document is to have a machine print the dollar symbol and the amount simultaneously.

On the right side of the amount rectangle, the clear area shall extend to the right edge of the scan area. The area between the right edge of the scan area and the document leading edge shall be clear of all extraneous printing except the border.

On the upper side and lower side of the amount rectangle, the clear area shall extend 0.100 inch. This upper and lower clear area shall extend to both the left edge of the clear area and to the right edge of the clear area.

**Location.** The precise location of the clear area is determined by the form designer, restricted by the size specifications above, and the additional requirement that the top, bottom, and left edges of the clear area shall be within the scan area.



### CONVENIENCE AMOUNT RECTANGLE AND CLEAR AREA

