SPECIFICATIONS

PSIN: PS2976

ITEM: CUSTOMS DECLARATION CN22 – SENDER'S DECLARATION

EDITION DATE: 12/09

PAPER: 21 # Appleton Superior Carbonless With Spot Coating

SIZE: 6.5" by 4" All 4 Parts,
Part 4 Peel Off Label Size 3.375" By 4"
Liner Size: 3.9375" By 4".
1 Stub Perforation All 4 Parts, .5" From Left Edge As Read.

PRINTING: Part-1: Black 2 Sides
Part-2: Black 1 Side
Part-3: Black 1 Side
Part-4: Black & PMS 344 Green 1 Side

BAR-CODES: .5" Height Bar Code 128 Concatenated, With Check Digit.
Parts 1-3 With Bar Code and HR Number .0625" Height.
Part 4 With .5" Bar Code, .0625" HR Number On Label and .125" HR Number On Tear Off Customer Stub.
Bar Codes consist of 2 Letter Prefix, 8 Digit Consecutive Number, Check Digit And 2 Letter Suffix.

PACKAGING: 1,000 Per Carton; 4 Sets of 250 Loose Wrapped Packs Per Carton, Alternate Opposite Sides Each 125. Both Outer Cartons and Loose Wrap Packs with Bar Code Labels.

NUMBERING: If bar-code and OCR A1 numbers are produced by ink-jet, the bar-code numbers on both items must be covered with a suitable varnish overcoat to protect the inkjet ink form the environmental elements. There must be no extraneous ink spots of any type of ink or any other foreign matter deposited on the form which will be interfere with the scanning and reading of the numbers. It is essential that there be no black ink splatter onto the green ink or background area.

BAR-CODE: Sequentially number using standard Code U128 bar-code symbology incorporating a Modulus 11 weighted, divide/subtract remainder check digit, see formula below. Numbers consist of four alpha characters, eight numeric numbers, and one check digit. No commas and no spaces, black ink, and parallel to the width of the form. The bar-code number in the upper left hand corner of the form. The bar-code number must incorporate an eye readable OCR A number, letters and numbers, below the bar-code reading left to right. These characters will serve as ready reference to assure validity of the bar-code numbers to the OCR A1 numbers. Number sequence must print as follows:

Code Set B
Alpha - L
Alpha - M

Code Set C
8 Numeric
Check Digit

Code Set B
Alpha - U
Alpha - S

Bar-code numbers must meet Code U128 AIMS Specifications except as follows:
X-dimension = 0.0125”
X-dimension, if ink-jet = 0.015” at minimum 240 dpi
Minimum bar code height = 0.500 inch
Space between bar-code & OCR A number = 0.032 inch
OCR A Character = 0.065 inch
TOTAL HEIGHT = 0.597 inch

Bar-code numbers will be read on a Symbol LS 3000 hand held scanners.

MODULUS 11 CHECK DIGIT FORMULA
1. Apply weighted factors to basic number using the following weighted factor - 86423597
2. Obtain the sum of this product.
3. Divide the sum by 11.
4. Subtract the remainder from 11. The result is the check digit.
5. If the remainder is zero use “5” as the check digit. If the remainder is 1 use “0” as the check digit.

Example:
Number is:
4 7 3 1 2 4 8 2
x8 x6 x4 x2 X3 x5 x9 x7
32 +42 +12 +2 +6 +20 +72 +14 = 200
200 / 11 = 18 with remainder of 2
11 - 2 = 9 Check Digit
Number would read: LM473124829US

OCR A1: The OCR A1 number must be a 10 character per inch. OCR A1 numbering may be achieved by mechanical numbering machine, ink-jet spray printing, laser, or any other method providing the number conforms to American National Standards Institute X3.17, 1981 for OCR A1 and any amendments thereto. The number will be made up of the same four alphas, eight numeric characters, and one check digit. No commas, no spaces, printed in black non-reflective ink. Black ink must have a minimum print contrast signal of not less than 50%. Character separation is the horizontal distance between the adjacent boundaries of the characters. The character separation shall not be less than 0.017 inch or greater than 0.070 inch, nor shall the centerline distance be less than 0.090 inch.

CONSTRUCTION: Perforate (slit or slot, without ink) horizontally across the entire 4” dimension, 3” from the left edge of the face of the form. Coat the back of the form in the perforated area with a permanent pressure sensitive adhesive (see below).

ADHESIVE: Coat the back of the form in the perforated area, within 1/16” of outside edges and perforation, with a permanent type, pressure sensitive adhesive and cover with a suitable backing sheet. The adhesive must adhere immediately and firmly to natural and man-made materials normally expected to be used for packaging of parcels and letters, such as corrugated board, spun-bonded olefin (tyvek), paper, plastic, and other natural and man-made materials used as wrapping and packaging for mailed parcels. Aggressiveness of the adhesive must be such that any attempt at removing the label will either destroy the label or part of the material surface it is adhered to.

REQUIRED DOCUMENTATION FOR APPROVAL

READABILITY CERTIFICATION OF NUMBERS: Submit a written certification from an Independent laboratory, such as Automatic Identification Manufacturers (AIMS) in Pittsburgh, PA, certifying that the Code U128 symbology meets all of the requirements of this specification. The independent laboratory must be certified or approved for analyzing of barcode symbology specifications. Submit a written certification from an independent laboratory, such as Clearwave Electronics, Inc. in Niagara Falls, NY,

that the OCR A1 number meets all of the requirements of this specification. The independent laboratory must be certified or approved for analyzing of OCR A1 specifications.

CERTIFICATION OF NUMBERING: Submit written documentation of in-line verification system used by the printer to reproduce the bar-code and OCR A1 numbers. In-line verification system must verify the following requirements:

1) Numbering sequence is as approved.
2) All variable numbering (bar-code and OCR A1) matches within all locations/parts of the form.
3) Numbering integrity to be maintained and there is no duplication of numbers.
4) Corresponding weighted check digits is calculated, confirmed, and matched. See Modulus 11 Weighted Check Digit Formula above.
5) Measurements of all bar-code elements will be verified as to density, print tolerances, print contrast signal, reflectivity, etc. These measurements are as set in these specifications inclusive of AIM specifications as it applies to the bar-code and OCR characters. These measurements may be altered so they remain in line with any changes to the AIMS specifications. No deviation from these measurements will be acceptable.