

New Mexico Taxation and Revenue Department

Personal Income Tax Specifications and Approval Procedures for the Reproduction of New Mexico State Tax Forms

Tax Year 2021

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INTRODUCTION

Before you begin reproducing New Mexico tax forms, please read the *General Specifications and Approval Procedures for the Reproduction of New Mexico State Tax Forms*. It's available on the Taxation and Revenue Department (TRD) website at <https://www.tax.newmexico.gov/tax-professionals/e-filing-mandates-overview/software-developers/> then click the hyperlink titled **General Specifications and Approval Procedures for the Reproduction of NM State Tax Forms**.

To develop personal income tax (PIT) tax returns and schedules, you need the details outlined in this *Specifications And Approval Procedures* document. Refer to the Table of Contents page to see a full list of topics covered in this document. We encourage all vendors and form developers to review all sections to ensure the best outcome for **Form Approval Requests**.

LETTER OF INTENT

The New Mexico LOI was consolidated in 2016 to accommodate all income tax programs for forms developers and MeF developers. New Mexico provides access to electronically submit the LOI at the Tax Software Provider Access Point (TSPAP). It is important for the Tax Software Provider to identify the TSPAP user that will be submitting the LOI on behalf of the company's e-filing and forms development teams.

Generally, information about the LOI becomes available each August. The New Mexico MeF Team will send an announcement through an established global email that contains details regarding the TSPAP website URL, username, password, and documentation on usage of the site. The New Mexico Forms Team will follow up with a similar LOI announcement through the global email at nactp_list@nactp.org and nactp_glc@nactp.org, the global email for NACTP's Government Liaison Committee.

Each software product requires a separate LOI to request an approval to submit testing validation of electronic submissions and scannable forms, clearly indicating the tax programs and schedules that will be submitted.

LOI Due Date

The due date to electronically submit LOI(s) is November 01, 2021. TRD must approve your product's LOI before we can accept your product test package.

DESIGN FEATURES

Form design images define the placement of mandatory barcodes, vendor code, product code, form version code, form text, and all variable data. The form design images also define the type of characters allowed in a field, any special characters required or excluded in a field, the appearance of a field on paper, and the maximum field length.

TRD provides two design images of the form—one with a grid and one without a grid. Use the grid to help guide your placement of barcodes, scanlines, variable data, and text. Red boxes and red text on the images indicate where to place these design features.

IMPORTANT: Exact placement of barcodes, scanlines, variable data, and text is required. Don't print the grid, red boxes, or red text on forms. Use the form design image without the grid as a model for your final form.

Vendor Code

The vendor code is a four-digit code identifying the Tax Software Provider whose application produced the form. The National Association of Computerized Tax Processors (NACTP) assigns vendor codes. Place your code in the area specified on the form design images. The Tax Software Provider is responsible for the cre-

ation and correct placement of the 3 of 9 barcode and the placement of its vendor code in the barcode data.

NOTE: If you don't have a NACTP vendor code, go to www.nactp.org, point to **ABOUT NACTP**, and select **NACTP Vendor ID Request Form**.

Product Code

The software product code is required. Place the software product code near the vendor code, where indicated on the form design images.

The product code is a Tax Software Provider-defined number identifying the software product that creates a form. The product code has 2 digits from **00** to **99**. The Tax Software Provider gives TRD their product code and name(s) of the product(s) that use the code.

IMPORTANT: Each software product your company produces must have a separate product code.

Form Version Code

The Tax Software Provider's form version code is required. Place form version codes on or near the upper left corner of the form or schedule as shown on the form design image.

The form version code is a one-digit number identifying the version of the form or schedule the developer submits. The first version of each form is **1** in the package the developer submits to TRD for approval.

Until TRD approves the complete package, increment by 1 the version code of each subsequent version of each form. When TRD approves the package of forms, the final version code is shown on each form or schedule TRD receives throughout the year.

For example, XYZ submits its first package of PIT forms and schedules for the upcoming tax year. The package includes PIT-1, PIT-S, PIT-ADJ, PIT-RC, PIT-D, PIT-B, PIT-CR and PIT-X. Each form shows version code 1. TRD reviews the package, notifies XYZ about the required changes, and XYZ sends a new corrected package to TRD. For its second submission, XYZ shows version code 2 on all forms and schedules. The process continues until TRD approves the complete package. If XYZ receives approval on its third submission, the version code is 3 on PIT-1, PIT-S, PIT-ADJ, PIT-RC, PIT-D, PIT-B, PIT-CR, and PIT-X.

If XYZ needs to revise a form, XYZ resubmits the entire package of forms, schedules, and payment vouchers with the next version number—4 in our example.

Printed 2D Barcode Data

In 2019, the 3.1.4.17 NMAC amendment removed 2D barcodes as an approved electronic media venue to submit Personal Income Tax forms.

3 Of 9 Barcode

The 3 of 9 barcode is a nine-digit number that identifies the form, sequence, and Tax Software Provider that produced it. The Tax Software Provider is responsible for creating and correctly placing the 3 of 9 barcode on forms. If a second company is responsible for creating the variable data, do not include their four-digit vendor code in the 3 of 9 barcode.

Place 3 of 9 barcodes in the upper right corners of PIT-1 (pages 1 and 2), PIT-S, PIT-ADJ, PIT-RC (pages 1 and 2), PIT-D, PIT-B (pages 1 and 2), PIT-CR (pages 1 and 2), PIT-X (pages 1 and 2), and PIT-Z in the area shown on the form design images. Exactly follow the next placement, width, and ratio requirements for barcodes.

IMPORTANT: Scannable forms (3 of 9 barcode forms) should not have numbers printed directly under the barcode. Having number within the silent area around the barcode can interfere with barcode scanning.

3 of 9 Barcode Placement	Specification
PIT-1 and PIT-X: page 1	Rows 4, 5, 6, and 7 Columns 50-76
PIT-1 and PIT-X: pages after page 1	Rows 5, 6, 7, and 8 Columns 50-76
Height	2/3 inch
Height-to-length ratio	1:4
Narrow-Element Width	
Specification	
Minimum	0.50 mm
Maximum	1.25 mm
Wide-Element Width	
Specification	
Minimum	1.0 mm
Maximum	2.5 mm
Wide-to-Narrow Ratio	
Specification	
Minimum	2.25:1
Maximum	3:1

The intercharacter gap must be greater than the size of the narrow element, but not greater than 2.5 times the size of the narrow element. TRD requires a 1/4 inch quiet zone with no printing at all to the left and right of the barcode.

The next table shows the sequence and content values of information in the 3 of 9 barcodes on PIT forms.

3 Of 9 Barcode Sequence And Content Values					
Form Name	Barcode Sequence/ Display¹	Content Value			
		Tax Year	Form #	Seq ID	Vendor Code
PIT-1 (p1)	*210189999*	21	01	8	9999
PIT-1 (p2)	*210199999*	21	01	9	9999
PIT-S	*210269999*	21	02	6	9999
PIT-ADJ	*210289999*	21	02	8	9999
PIT-RC (p1)	*210389999*	21	03	8	9999
PIT-RC (p2)	*210399999*	21	03	9	9999
PIT-D	*210489999*	21	04	8	9999

1 Size and height-to-length ratios of barcodes in this table not to specification.

3 Of 9 Barcode Sequence And Content Values					
Form Name	Barcode Sequence/ Display ¹	Content Value			
		Tax Year	Form #	Seq ID	Vendor Code
PIT-B (p1)	*210589999*	21	05	8	9999
PIT-B (p2)	*210599999*	21	05	9	9999
PIT-CR	*210689999*	21	06	8	9999
PIT-CR (supp)	*210699999*	21	06	9	9999
PIT-X (p 1)	*210169999*	21	01	6	9999
PIT-X (p 2)	*210179999*	21	01	7	9999
PIT-Z	*210989999*	21	09	8	9999

Form Text

Place and print text on your form exactly as specified on the form design images, using a font type and size that matches the font on the form design images. You may use abbreviations that meet the Tax Form Design Standards and Guidelines set by NACTP's Government Liaison Committee (GLC). You can find this manual at www.nactp.org.

Variable Data

Variable data is taxpayer-specific information. The field descriptions for different types of variable data in the next table describe the type of characters to include or exclude and the layout of the data required in a field.

IMPORTANT: Variable data requires exact placement.

Type of Variable Data	Field Description
Variable 9	A numeric character field, using 0 through 9 .
Monetary fields	When 9 is in a monetary field, right-adjust the numbers. Don't pre-fill with zeros. Don't include special characters except a decimal point (.) and a comma before every third leftmost digit. For example, the field definition for a monetary field usually is 999,999,999 . If the amount to enter is \$89,500.00, enter 89,500 . If no entry is required, leave the field blank.
Percentage fields	Characters 0 through 9 and a decimal point (.). Match each field to the data requirements established for printing on the form as shown in the form design image. For example, when you see 0.9999 on the form design image, always show one digit left of the decimal and four digits right of the decimal.
Date fields	Each field indicates the format of the date placed in the field. The format uses the following indicators: M = month, D = day, C = century, Y = year. If no entry is required, leave the field blank.
Variable X	An alphanumeric field, using uppercase A through Z , 0 through 9 , and special characters ampersand (&), space (), comma (,), hyphen (-), and period (.). No other character is allowed in the field. The field is usually left justified.
Maximum field length	The maximum number of characters in a field is shown on the form design images. Don't exceed the number of characters for any field. The total characters include any required characters, such as commas and a decimal point in a monetary sum.

Schedule PIT-Z, New Mexico's PIT-1 Addendum

To manage late legislative changes affecting the New Mexico PIT return, TRD developed Schedule PIT-Z. The form manages any changes to the PIT-1 or any of its schedules resulting from a law change after the forms went to the printer. The form design image of the PIT-Z is available on the software developer website.

Until TRD identifies a form change, Schedule PIT-Z remains unfinished. The format for the barcode, the title, and three tentative line items are shown on the form design image. When a law change requires TRD to add one or more line items to the PIT-1 or any of its schedules, TRD modifies the PIT-Z design image and notifies Tax Software Providers that they must submit the PIT-Z for approval.

If you don't indicate the PIT-Z on your LOI, you may submit an incomplete PIT-Z for in your approval package during the regular approval process to expedite any potential late changes to the PIT-1. TRD reviews the PIT-Z for the 3 of 9 barcode, text in the title, and data placement.

NOTE: Whether or not you submit PIT-Z for approval before TRD implements the PIT-Z, TRD may also require you to submit the schedule after TRD identifies a change.

SCANLINE SPECIFICATIONS FOR PAYMENT VOUCHERS

A Courier 12 point, 10 pitch scanline² is required on **all** PIT payment vouchers—PIT-PV (return payment voucher), PIT-ES (estimated payment voucher), and PIT-EXT (extension payment voucher). Print PIT-PV, PIT-ES, and PIT-EXT payment vouchers **within the bottom 3¾ inches** of a separate 8½ X 11 inch page. This avoids the need for TRD staff to cut the bottom edge of the voucher, which must remain even.

Place a dotted line 3¾ inches from the bottom of the page to indicate where to detach the payment voucher. In the instructions, give the taxpayer these directions:

- Don't write in the area around the scanline.
- Don't cut the voucher on the dotted line before sending it to TRD.

A scanline requires exact placement and the exact font. The 60-character field is numeric **only**. Exact placement ensures that TRD applies the payment timely and properly. The required placement of the scanline is listed here:

- Position the leftmost number exactly 1 inch from the paper's left edge.
- Begin the scanline in row 61, column 11.
- Make the scanline 60 characters long.
- Leave a ¼ inch quiet zone around the entire scanline.
- Left-justify the scanline.
- Don't leave any spaces between fields.
- If no entry is required in a field, fill it with zeros.
- Don't leave any spaces in the scanline.

2 The scanline specifications for income tax payment vouchers and non-income tax payment vouchers are different.

Scanline Field Information					
Field	Length	Description	Display	Value	Notes About Displays and Values
# 1	2	Payment Type	99	variable	PIT-PV: 01 for original return, 12 for amended PIT-EXT: 20 PIT-ES: 05 for single taxpayer, 11 for joint
# 2	6	Program Code	100000	100000	Unique to PIT
# 3	9	Primary SSN	999999999	variable	Numbers only. No spaces, alphas, other characters.
# 4	2	TRD Use Only	00	all zeros	—
# 5	9	Spouse SSN	999999999	variable	Numbers only. No spaces, alphas, other characters. If no spouse, enter 000000000
# 6	15	TRD Use Only	0000000000000000	all zeros	—
# 7	8	Tax Year	MMDDCCYY [others are all 9s]	variable	Numbers only in MMDDCCYY format (last day of tax year)
# 8	9	TRD Use Only	000000000	all zeros	—

IMPORTANT: Whether the software product restricts or converts the input, the output scanline must adhere to the specifications described in this document.

The next example describes and shows a scanline for this situation: A married taxpayer wants to make a third quarter estimated payment for 2021. She enters her social security number (SSN) as **123-45-6789** and her spouse's as **987-65-4321**. For the tax year, she enters **2021**.

#1	#3	#5	#7
11100000	12345678900	987654321	000000000000000012312021000000000
#2	#4	#6	#8

The next table shows what populates in each field of the example and describes why those numbers show up in the scanline.

Field	Populates with	Why?
# 1	11	Joint taxpayers
# 2	100000	PIT payment
# 3	123456789	Primary SSN without hyphens
# 4	00	Required for TRD use only
# 5	987654321	Field #1 is 11 , so spouse SSN required
# 6	0000000000000000	Required for TRD use only
# 7	12312021	Last day of 2021 tax year in MMDDCCYY format
# 8	000000000	Required for TRD use only

TESTING AND APPROVAL PROCEDURES

Before you can release or distribute final scannable tax forms as a paper copy or as a part of a software product, TRD must test and approve your tax forms. Testing and approval is required for each tax year.

What's Most Important To Know

- The Tax Software Provider is responsible for making sure products contain the latest form versions.
- It is the Tax Software Provider's responsibility to proofread all forms before submission.
- To avoid delays, submit the forms to the correct email address and the correct mailing address
- TRD cannot accept approval packages by fax.

What TRD Doesn't Review Or Approve

TRD does not review or approve the logic of specific software programs, nor does the agency confirm the calculations on the forms produced by these programs. The accuracy of the program remains the responsibility of the software developer, distributor, or user.

When TRD Rescinds An Approval

If TRD approves a form but a scannable feature on the form fails to follow published specifications for the scannable feature, TRD rescinds approval of the form. An example is if TRD receives unapproved versions of a form during the filing season. Another example is a product with an error that causes TRD to create processes to bypass the error. TRD requests the Tax Software Provider to correct the error and update the product.

Willful non-compliance with TRD's requirements results in TRD rescinding a Tax Software Provider's forms approval. It is the responsibility of all Tax Software Providers to make sure their partners receive the most updated versions of all forms.

Submitting Only A Complete Package

In one complete package, submit for testing and approval all forms, schedules, and payment vouchers supported by one tax program. TRD rejects forms and schedules submitted separately and approves only a complete package of forms, schedules, and vouchers.

Requirements For Tax Software Providers That Release Unapproved Forms

If Tax Software Providers release unapproved forms in software packages, tax software providers should place a prominent visual indicator with appropriate text on the form(s) alerting the end user that the form cannot be filed (such as a "not approved for filing" flag or watermark). The Tax Software Provider's product must also include a warning that TRD rejects any returns filed with an unapproved form or schedule attached. TRD sends these returns back to the taxpayer.

Requirements For Approving A Scannable Test Form

- The form is legible and scannable.
- The form's appearance conforms exactly to specifications.
- All form text and variable fields are within the specified area.
- The 3 of 9 barcode is included when required on the form.
- The scanline is included when required on the form.
- The vendor code, product code, and version number are included when required on the form.

When Testing Begins And Ends

For most tax-year-specific forms, TRD will begin the testing and approval process on **November 01, 2021**.

In general, you must submit your first set of forms no later than **December 15**. After TRD's receipt, allow 10 business days for an approval status of the forms submission package. Testing ends on **January 31**. After this date, TRD rejects testing packages.

IMPORTANT: While TRD tries to adhere to the turnaround time, the test may take longer than 10 business days.

PREPARING AN APPROVAL PACKAGE

Before giving approval to produce scannable, substitute forms for taxpayers, TRD tests all PIT forms, barcodes, schedules, and payment vouchers. Follow these steps to prepare an approval package for testing.

1. For each vendor product, submit a cover letter and include your contact information, an email address, vendor code, product code, version number, and a checklist of the forms submitted in the test approval package.
2. Prepare your approval packet with the following:
 - One set of blank forms
 - One set full-field filled³ with variable data
 - Two sets of test returns completed with sample variable data
 - Include each PIT form and schedules you support.
3. Include payment vouchers for PIT-ES, PIT-PV, and PIT-EXT
 - One set of blank vouchers
 - One set of full-field filled with variable data
 - Two set of test vouchers completed with sample variable data
 - Include a PIT-ES voucher for each quarter of tax year 2021
 - Test vouchers may be a part of the test return sets listed in step 2.
4. If you support multiple software products, clearly identify and separate those test forms/vouchers.

Test Scenarios

For 3 of 9 barcode testing you can create your own scenarios.

Testing Sequence For Scannable Forms

After TRD receives your approval package, we test all samples for correct font, font size, form images, and variable data placement. Then the image processing group tests the scannable features of the forms. If the test package fails any part of these tests, TRD does not approve the product. If TRD finds more than three text errors, TRD returns the package without approval.

3 Full-field filled is a form with a character filling all possible locations and positions for variable data, for example, 9s for numeric values and Xs for alpha/numeric values.

IMPORTANT: The Tax Software Provider is responsible for proofreading forms.

WHERE TO SUBMIT FORMS

Submitting Approval Package

TRD has added electronic submissions. Electronic submissions are encouraged to reduce handling of paper. Tax software providers should submit their test packages using the link TRD provides to the forms contact listed on the LOI. If you experience issues while using the secure file upload link you may email your submission to: NMTax.Forms@state.nm.us.

NOTE: NMTax.Forms@state.nm.us is used to receive all incoming tax form questions and other email inquiries from internal and external users. TRD encourages tax software providers to use the secure file upload to ensure form approval submissions are reviewed in a timely manner.

Electronic Submissions

TRD will reject electronic submission that do not meet the below standards.

- Include your NACTP vendor code and your product number on the cover sheet and on each return.
- Submit the cover sheet as a separate PDF.
- Do not split a multi-page form into more than one PDF (i.e. do not split the PIT-1 into two PDFs).
- Do not combine multiple tax programs into a single submission (i.e. do not combine personal income tax and corporate income tax forms).
- Do not split tax program submission into multiple submission (i.e. submit all personal income tax forms and schedules in the same submission).
- PDFs should be produced at full-size or actual size (i.e. do not save a PDF at fit to page).

NOTE: You can locate the NACTP cover sheet on the NACTP website at <https://www.nactp.org/index.php/resources/standards> click on the hyperlink that says **Substitute Forms Approval Sheet**.

Paper Submissions

TRD encourages vendors to submit their test packages electronically. Paper submission do take longer to review due to manual handling. If you mail a package, TRD requires an email with mail out date and package tracking information, if applicable, send email to: NMTax.Forms@state.nm.us. Having this information in advance will allow TRD to make arrangements to accept the package. To prevent lost test packages or delays in testing, only submit packages to this address:

New Mexico Taxation and Revenue Department
Attention: OOS- Tax Information and Policy Office
1100 S. St. Francis Drive, Suite 3088
Santa Fe, NM 87505

FOR MORE INFORMATION

If you have any questions or comments after reading this document or the *2021 General Specifications and Approval Procedures for the Reproduction of New Mexico State Tax Forms*, please send an email to: NMTax.Forms@state.nm.us.