CFDI 4.0

			Modifications with respect to version 3.3	
Date of last modification			Changes to existing fields/sections	
24/abr/2024 18:00			New fields/sections	
			Fields/sections being removed	

Comprobante (Invoice)

Digital tax invoice standard over the Internet.

Field	English meaning	Use	Format	Description
version	(Version)	Required	Fixed value: 4.0	Version of the current electronic billing standard applicable.
serie	(Series)	Optional	Alphanumeric. Min. Len.=1 Max. Len.=25 Any character except pipe "|"	Letter used for internal purpose - for better identifying an electronic bill and relate it with a branch or bill type.
folio	(Bill number)	Optional	Alphanumeric Min. Len.=1 Max. Len.=40 Any character except pipe "|"	Number used for internal purpose and for better identifying a bill - it can be a consecutive number or your internal transaction number in your ERP system.
fecha	(Date)	Required	Format: aaaa-mm-ddThh:mm:ss	Date when bill is created. It must be in accordance with the time of the location where the bill is issued.
formaPago	(Payment method)	Conditional	SAT's catalogue: "c_FormaPago"	Code that stands for the way the bill is paid.
condicionesDePago	(Payment terms)	Conditional	Alphanumeric Min. Len.=1 Max. Len.=1000 Any character except pipe "|"	Terms that specify the period allowed to pay off the amount due.
tipoDeComprobante	(Fiscal type)	Required	SAT's catalogue: "c_TipoDeComprobante"	Code that stands for the fiscal effect of the bill
exportacion	(Export)	Required	SAT's catalogue: "c_Exportacion"	Code that expresses whether the invoice covers an export operation.
metodoPago	(Payment type)	Conditional	SAT's catalogue: "c_MetodoPago"	Code that specifies whether the bill is going to be paid totally or partially
lugarExpedicion	(Place of issue)	Required	SAT's catalogue: "c_CodigoPostal"	Zip code of the address where the bill is issued (business address or branch address).
confirmacion	(Confirmation)	Conditional	Alphanumeric Max. Len.=5 Pattern: [0-9a-zA-Z]{5}	Confirmation code that the PAC delivers to the issuer in order to be able of issue an electronic bill with big amounts or exchange rates that are out of the established range. It is required when the bill is in one those two cases.

InformacionGlobal (Global information)

Conditional section to specify information related to the mass invoice.

Field	English meaning	Use	Format	Description
periodicidad	(Periodicity)	Required	SAT's catalogue: "c_Periodicidad"	Code of the period to which the global invoice information corresponds.
meses	(Month)	Required	SAT's catalogue: "c_Meses"	Code of the month to which the global invoice information corresponds.
anio	(Year)	Required	Integer. Minimum value: 2021	Year to which the global invoice information corresponds.

CfdiRelacionados (Related CFDIs)

Optional and repeatable section for information on related invoices.

Field	English meaning	Use	Format	Description
tipoRelacion	(Type of relation)	Required	SAT's catalogue: "c_TipoRelacion"	Code that stands for the relation that exists between the bill being issued and one or some other previous bills.
ordenador	(Sequence)	Required	Integer	Consecutive number of CfdiRelacionados (Depending on the number of CfdiRelacionados nodes in the CFDI).

CfdiRelacionado (Related CFDI)

[CfdiRelacionados/CfdiRelacionado]

Mandatory and repeatable section to list related invoices.

Field	English meaning	Use	Format	Description
uuid	(UUID)	Required	Alphanumeric. Exact length=36	Fiscal number (UUID) of a previous bill related to the one being issued.
ordenador	(Sequence)	Required	Integer	Consecutive number to order the uuid numbers list (begining with 1)
ordenadorRelacionados	related sequence	Required	Integer	Number of the CfdiRelacionado node to which this section belongs.

Emisor (Issuer)

Mandatory section for information on the taxpayer issuing the invoice.

Field	English meaning	Use	Format	Description
rfc	(Tax ID)	Required	Alphanumeric. Length: Min=12 Max=13	Mexican tax ID of the company issuing the bill.
nombre	(Company name)	Required	Alphanumeric. Length: Min=1 Max=254 Any character except pipe "|"	Name of the company issuing the bill.
regimenFiscal	(Fiscal regimen)	Required	SAT's catalogue: "c_RegimenFiscal"	Regimen how the company was registered with the mexican government.
facAtrAdquirente	(Acquirer)	Optional	Ten digits from 0 to 9	Operation number provided by the SAT when it comes to an invoice through a PCECFDI or a PCGCFDISP.

DomicilioFiscal (Issuer's address)

[Emisor/DomicilioFiscal]

Optional section of the issuer address for informational purposes in the PDF.

Field	English meaning	Use	Format	Description
calle	(Street)	Optional	Alphanumeric Max.Len.=100	Street where the company issuing the bill is located
noExterior	(Address number)	Optional	Alphanumeric Max.Len.=55	External number of the location of the company issuing the bill
noInterior	(Internal number)	Optional	Alphanumeric Max.Len.=55	Internal number of the location of the company issuing the bill
colonia	(Colony)	Optional	Alphanumeric	Colony or neighborhood where the company issuing bill is located
localidad	(Settlement)	Optional	Alphanumeric	Settlement where the company issuing the bill is located
referencia	(Reference)	Optional	Alphanumeric	Additional reference where the company issuing the bill is located
municipio	(Municipality)	Optional	Alphanumeric	Municipality or county where the company issuing the bill is located
estado	(State)	Optional	Alphanumeric	State where the company issuing bill is located
pais	(Country)	Optional	Alphanumeric	Country where the company issuing bill is located
codigoPostal	(Zip code)	Optional	Alphanumeric	Zip code of the company issuing bill

ExpedidoEn (Branch's address)

[Emisor/ExpedidoEn]

Optional section of the complete place of issue address for informational purposes in the PDF.

Field	English meaning	Use	Format	Description
calle	(Street)	Optional	Alphanumeric Max.Len.=100	Street where the branch issuing the bill is located
noExterior	(Address number)	Optional	Alphanumeric Max.Len.=55	External number of the branch that issues the bill
noInterior	(Internal number)	Optional	Alphanumeric Max.Len.=55	Internal number where the branch issuing the bill is located
colonia	(Colony)	Optional	Alphanumeric	Colony or neighborhood where the branch issuing bill is located
localidad	(Settlement)	Optional	Alphanumeric	Settlement where the branch issuing the bill is located
referencia	(Reference)	Optional	Alphanumeric	Additional reference where the branch issuing the bill is located
municipio	(Municipality)	Optional	Alphanumeric	Municipality or county where the branch issuing the bill is located
estado	(State)	Optional	Alphanumeric	State where the branch issuing bill is located
pais	(Country)	Optional	Alphanumeric	Country where the branch issuing bill is located
codigoPostal	(Zip code)	Optional	Alphanumeric	Zip code of the branch issuing bill

Receptor (Recipient)

Mandatory section for the information of the taxpayer receiving the invoice.

Field	English meaning	Use	Format	Description
rfc	(Recipient tax id)	Required	Alphanumeric. Length: Min=12 Max=13	Mexican tax ID of the company or person receiving the bill.
nombre	(Recipient name)	Required	Alphanumeric. Length: Min=1 Max=254	Name of the company or person receiving the bill.
domicilioFiscalReceptor	(Recipient fiscal address)	Required	Five digits from 0 to 9	Postal code of the recipient's fiscal address.
residenciaFiscal	(Recipient country code)	Conditional	SAT's catalogue: "c_Pais"	Code that stands for the country of the recipient when resides in a country other than Mexico. This value is required when the foreign trade complement is included and where the value for the 'numRegIdTrib' attribute is indicated.
numRegIdTrib	(Fiscal identification)	Conditional	Alphanumeric. Length: Min=1 Max=40	Fiscal identity number of the recipient when resides in a country other than Mexico. It is required when the foreign trade complement is included.
regimenFiscalReceptor	(Recipient tax regime)	Required	SAT's catalogue: "c_RegimenFiscal"	Code of the recipient's tax regime to which the tax effect of the invoice will apply.
usoCfdi	(CFDI use)	Required	SAT's catalogue: "c_UsoCFDI"	Code that stands for the type of use the recipient is going to give to the bill.

Domicilio (Recipient's address)

[Receptor/Domicilio]

Optional section of the recipient address for informational purposes in the PDF.

Field	English meaning	Use	Format	Description
calle	(Street)	Optional	Alphanumeric. Max.Len.=100	Street of the company or person receiving the bill
noExterior	(Address number)	Optional	Alphanumeric. Max.Len.=55	External number of the location of the company or person receiving the bill
noInterior	(Internal number)	Optional	Alphanumeric. Max.Len.=55	Internal number of the location of the company or person receiving the bill
colonia	(Colony)	Optional	Alphanumeric. Max.Len.=120	Colony or neighborhood where the company or person receiving bill is located
localidad	(Settlement)	Optional	Alphanumeric. Max.Len.=120	Settlement where the company or person receiving bill is located
referencia	(Reference)	Optional	Alphanumeric. Max.Len.=250	Additional reference where the company or person receiving the bill is located
municipio	(Municipality)	Optional	Alphanumeric. Max.Len.=120	Municipality or county where the company or person receiving the bill is located
estado	(State)	Optional	Alphanumeric. Max.Len.=30	State where the company or person receiving bill is located
pais	(Country)	Optional	Alphanumeric. Max.Len.=30	Country where the company or person receiving bill is located
codigoPostal	(Zip code)	Optional	Alphanumeric. Max.Len.=12	Zip code of the company or person receiving bill

Conceptos (Items)

Mandatory section to list the items covered by the invoice.

Concepto (Item)

[Conceptos/Concepto]

Mandatory section for detailed information on a good or service included in the invoice.

Field	English meaning	Use	Format	Description
claveProdServ	(Item code)	Required	SAT's catalogue: "c_ClaveProdServ"	Code that stands for the sold item according to the catalogue of the SAT.
noIdentificacion	(Item identification number)	Optional	Alphanumeric. Length: Min=1 Max=100	Item internal identification number.
cantidad	(Quantity)	Required	Decimal. Min=0.000001	Quantity of items applicable to this line.
claveUnidad	(Unit of measure code)	Required	SAT's catalogue: "c_ClaveUnidad"	Code that stands for the standardized unit of measure.
unidad	(Unit of measure)	Optional	Alphanumeric. Length: Min=1 Max=20	Unit of measure for the operation of the issuer.
descripcion	(Description)	Required	Alphanumeric. Length: Min=1 Max=1000	Item description.
valorUnitario	(Unit price)	Required	Numeric with up to 6 decimal places.	Item unit price.
importe	(Ammount)	Required	Numeric with up to 6 decimal places.	Line amount, resulting from arithmetic operation of quantity times unit price.
descuento	(Discount)	Optional	Numeric with up to 6 decimal places.	Discount amount applicable to this line.
objetoImp	(Subject to tax)	Required	SAT's catalogue: "c_ObjetoImp"	Code that expresses whether or not the commercial operation is subject to tax.
ordenador	(Sequence)	Required	Integer	Line number, starting at 1
padre	(Parent's sequence)	Required	Integer	Default value: '0' (zero). It is the line number of the parent item when this line is used for a level 2 description.
nivel	(Level)	Required	Integer	Level. Default value: '1'. The value '2' is used for indicating an extended item description.
extra1	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra2	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra3	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra4	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra5	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra6	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra7	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra8	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra9	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra10	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra11	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra12	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra13	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra14	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra15	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra16	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra17	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra18	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra19	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.
extra20	(Item extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the item section.

Impuestos (Item's taxes)

Conditional section to capture the taxes applicable to this item.

Traslados (Item's transeferred taxes)

Optional section to record the transferred taxes applicable to this item.

Traslado (Item's transeferred tax)

[Conceptos/Concepto/Impuestos/Traslados/Traslado]

Optional section for detailed information on a tax transfer applicable to this item.

Field	English meaning	Use	Format	Description
base	(Tax base amount)	Required	Numeric with up to 6 decimal places.	Base amount for calculating the transferred tax amount. Negative values are not allowed.
impuesto	(Tax name)	Required	SAT's catalogue: "c_Impuesto"	Code that stands for the transferred tax name.
tipoFactor	(Factor type)	Required	SAT's catalogue: "c_TipoFactor"	Code that stands for the type of factor applicable to the tax base.
tasaOCuota	(Tax rate)	Optional	SAT's catalogue: "c_TasaOCuota". Fixed or variable value between the minimum and maximum allowed values.	Code that stands for the tax rate or fee. It is required when the tipoFactor field has a value corresponding to tax rate or fee.
importe	(Tax amount)	Optional	Numeric with up to 6 decimal places.	Tax amount applicable to the item. It is required when the tipoFactor field has a value corresponding to tax rate or fee. Negative values are not allowed.
ordenador	(Sequence)	Required	Integer	It is the line number which this tax line belongs to.

Retenciones (Item's withheld taxes)

Optional section to record the withheld taxes applicable to this item.

Retencion (Item's withheld tax)

[Conceptos/Concepto/Impuestos/Retenciones/Retencion]

Optional section for detailed information on a tax withholding applicable to this item.

Field	English meaning	Use	Format	Description
base	(Tax base amount)	Required	Numeric with up to 6 decimal places.	Base amount for calculating the withheld tax amount. Negative values are not allowed.
impuesto	(Tax name)	Required	SAT's catalogue: "c_Impuesto"	Code that stands for the withheld tax name.
tipoFactor	(Factor type)	Required	SAT's catalogue: "c_TipoFactor"	Code that stands for the type of factor applicable to the tax base.
tasaOCuota	(Tax rate)	Required	SAT's catalogue: "c_TasaOCuota". Fixed or variable value between the minimum and maximum allowed values.	Code that stands for the rate or fee of the withheld tax applicable to the item.
importe	(Tax amount)	Required	Numeric with up to 6 decimal places.	Amount of the withheld tax applicable to the item. Negative values are not allowed.
ordenador	(Sequence)	Required	Integer	It is the line number which this tax line belongs to.

ACuentaTerceros (On behalf of third parties)

[Conceptos/Concepto/ACuentaTerceros]

Optional section for information of the third party taxpayer, on whose account the operation is carried out.

Field	English meaning	Use	Format	Description
rfcACuentaTerceros	(RFC on behalf of third parties)	Required	Alphanumeric. Length: Min=12 Max=13	Code of the Federal Taxpayer Registry of the third party on behalf of the one carrying out the operation.
nombreACuentaTerceros	(Third party name)	Required	Alphanumeric. Length: Min=1 Max=254. Any character except the vertical bar "|"	Name, denomination or business name of the taxpayer corresponding to the third party RFC.
regimenFiscalACuentaTerceros	(Third party tax regime)	Required	SAT's catalogue: "c_RegimenFiscal"	Code of the third party tax regime.
domicilioFiscalACuentaTerceros	(Third party fiscal address)	Required	Five digits from 0 to 9	Postal code of the third party tax address.
ordenador	(Sequence)	Required	Integer	It is the line number which this section belongs to.

InformacionAduanera (Customs information)

[Conceptos/Concepto/InformacionAduanera]

Optional section for applicable customs information when dealing with first-hand sales of imported merchandise or dealing with foreign trade operations with goods or services.

Field	English meaning	Use	Format	Description

numeroPedimento	(Customs entry number)	Required	Alphanumeric. Max.Len.=21 Pattern: [0-9]{2} [0-9]{2} [0-9]{4} [0-9]{7}	Customs entry number: The last 2 digits of the validation year + 2 spaces + 2 digits of the customs number + 2 spaces + 4 digits of the patent number + 2 spaces + the last 1 digit of the current year.
ordenador	(Sequence)	Required	Integer	It is the line number which this customs line belongs to.

CuentaPredial — (Predial account)
[Conceptos/Concepto/CuentaPredial]
Optional section to enter the property account number with which the property was registered in the cadastral system of the federal entity in question, or to indicate the identification data of the non-amortizable real estate participation certificate.

Field	English meaning	Use	Format	Description
numero	(Predial account number)	Required	Alphanumeric. Length: Min=1 Max=150	Predial account number corresponding to the property described in the present line item.
ordenador	(Sequence)	Required	Integer	It is the line number which this predial line belongs to.

ComplementoConcepto — (Complement for concept)
[Conceptos/Concepto/ComplementoConcepto]
Optional section to include the complementary nodes of extension to the item in accordance with the particular provisions for a specific sector or activity.

Parte — (Item's parts)
[Conceptos/Concepto/Parte]
Optional section to express the parts or components that make up the entire item expressed in the invoice.

Field	English meaning	Use	Format	Description
claveProdServ	(Item code)	Required	SAT's catalogue: "c_ClaveProdServ"	Code that stands for the part of the item according to SAT's items catalogue.
noIdentificacion	(Item identification number)	Optional	Alphanumeric. Length: Min=1 Max=100	Internal identification number of the part.
cantidad	(Quantity)	Required	Decimal. Min=0.00001	Quantity of the part applicable to this line.
unidad	(Unit of measure)	Optional	Alphanumeric. Lenght: Min=1 Max=20	Part unit of measure for the issuer operation.
descripcion	(Description)	Required	Alphanumeric. Lenght: Min=1 Max=1000	Description of the part.
valorUnitario	(Unit price)	Optional	Numeric with up to 6 decimal places.	Part unit price. Negative values are not allowed.
importe	(Ammount)	Optional	Numeric with up to 6 decimal places.	Part line amount, resulting from arithmetic operation of quantity times unit price.
ordenador	(Sequence)	Required	Integer	Part line number, starting at 1
padre	(Parent sequence)	Required	Integer	Default value: '0' (zero). It is the line number of the parent item.
extra1	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra2	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra3	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra4	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra5	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra6	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra7	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra8	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra9	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra10	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra11	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra12	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra13	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra14	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra15	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra16	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra17	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra18	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra19	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.
extra20	(Extra field of the part)	Optional	Alphanumeric	Non-fiscal data used for as extra information for the part in the bill printing.

InformacionAduanera — (Part's customs info)
[Conceptos/Concepto/Parte/InformacionAduanera]
Optional section for applicable customs information when dealing with first-hand sales of imported merchandise or dealing with foreign trade operations with goods or services.

Field	English meaning	Use	Format	Description
numeroPedimento	(Customs entry number)	Required	Alphanumeric. Max.Len.=21	Customs entry number: The last 2 digits of the validation year + 2 spaces + 2 digits of the customs number + 2 spaces + 4 digits of the patent number + 2 spaces + the last 1 digit of the current year.
ordenador	(Sequence)	Required	Integer	It is the part line number which this customs line belongs to.

Impuestos — (Invoice's taxes)
Conditional section to express the summary of applicable taxes.

Retenciones — (Invoice's withheld taxes)
Conditional section to capture the applicable withheld taxes. It is required when any withheld tax is recorded in the items.

Retencion — (Invoice's withheld tax)
[Impuestos/Retenciones/Retencion]
Mandatory section for detailed information on a specific withholding tax.

Field	English meaning	Use	Format	Description
impuesto	(Withheld tax name)	Required	SAT's catalogue: "c_Impuesto"	Code that stands for the withheld tax name.
tasaOCuota	(Withheld tax rate or fee)	Optional	Alphanumeric	Rate or fee of the withheld tax. This value is used only for bill printing and not for fiscal purposes.
importe	(Withheld tax amount)	Required	Numeric with up to 6 decimal places.	Withheld tax amount.
ordenador	(Tax number)	Required	Detecno's catalogue value. Please see the tab "Catalogues"	Value obtained from the tax catalog (Sheet "Catalogues") according to the values of Tax-Type-Rate.

Traslados — (Invoice's transferred taxes)
Conditional section to capture applicable transferred taxes. It is required when a transferred tax is recorded in the items.

Traslado — (Invoice's transferred tax)
[Impuestos/Traslados/Traslado]
Mandatory section for detailed information of a specific tax transfer.

Field	English meaning	Use	Format	Description
base	(Base)	Required	Numeric with up to 6 decimal places.	Sum of the transferred tax bases registered in the section "Conceptos".
impuesto	(Transferred tax name)	Required	SAT's catalogue: "c_Impuesto"	Code that stands for the transferred tax name.
tipoFactor	(Factor type)	Required	SAT's catalogue: "c_TipoFactor"	Code that stands for the type of factor applicable to the tax base.
tasaOCuota	(Transferred tax rate or fee)	Conditional	SAT's catalogue: "c_TasaOCuota"	Code that stands for the rate or fee of the transferred tax.
importe	(Transferred tax amount)	Conditional	Numeric with up to 6 decimal places.	Transferred tax amount. Sum result grouped by factor type and rate or fee.
ordenador	(Tax number)	Required	Detecno's catalogue value. Please see the tab "Catalogues"	Value obtained from the tax catalog (Sheet "Catalogues") according to the values of Tax-Type-Rate.

Totales — (Total amounts)
Mandatory section to register the total amounts of the invoice.

Field	English meaning	Use	Format	Description
subTotal	(Subtotal amount)	Required	Numeric with up to 6 decimal places.	Sum of the amounts of the items before discounts and taxes. Negative values are not allowed.
descuento	(Discount)	Conditional	Numeric with up to 6 decimal places.	Total discount amount before taxes. Negative values are not allowed. It must be used when there are items with discount.
moneda	(Currency)	Required	SAT's catalogue: "c_Moneda"	Code that stands for the currency used in the electronic bill. Use "MXN" for mexican pesos.
tipoCambio	(Exchange rate)	Conditional	Decimal. Min=0.000001	Exchange rate that must be used when the currency is different from mexican pesos. If the value is out of the percentage range applicable for the currency specified, the issuer must obtain - offline - from the PAC a confirmation code to aprobe the value and put that code into the field "confirmacion"
total	(Total amount)	Required	Numeric with up to 6 decimal places.	Total amount. It is the result of the subtotal minus discounts, plus transferred taxes, minus withheld taxes. If the value is out of the range specified by SAT, the issuer must obtain - offline - from the PAC a confirmation code to aprobe the value and put that code into the field "confirmacion"
importeLetra	(Amount in letters)	Optional	Alphanumeric	Total amount in words.

Field	English meaning	Use	Format	Description
totalImpuestosRetenidos	(Total withheld tax amount)	Conditional	Numeric with up to 6 decimal places.	Total withheld tax amount. Result from the sum of all the withheld taxes indicated in the bill.
totalImpuestosTrasladados	(Total transferred tax amount)	Conditional	Numeric with up to 6 decimal places.	Total transferred tax amount. Result from the sum of all the transferred taxes indicated in the bill.
DatosExtraCFD	**(Extra fields)**			
Optional section to include additional non-tax information to print on the PDF representation.				
Field	**English meaning**	**Use**	**Format**	**Description**
extra1	(Header extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the bill printing.
extra2	(Header extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the bill printing.
extra3	(Header extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the bill printing.
extra4	(Header extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the bill printing.
extra5	(Header extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the bill printing.
extra6	(Header extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the bill printing.
extra7	(Header extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the bill printing.
extra8	(Header extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the bill printing.
extra9	(Header extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the bill printing.
extra10	(Header extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the bill printing.
extra11	(Header extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the bill printing.
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extra18	(Header extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the bill printing.
extra19	(Header extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the bill printing.
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extra99	(Header extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the bill printing.
extra100	(Header extra field)	Optional	Alphanumeric	Non-fiscal data used for including extra information in the bill printing.

Control   (Control)

Mandatory section to indicate values that control the invoice during the issuance process.

Field	English meaning	Use	Format	Description
cfdId	(Type of bill)	Required	Detecno's catalogue value. Please see the tab "Catalogues"	Control code that stands for the type of electronic bill.
sucursal	(Branch name)	Optional	Alphanumeric	Name of the branch where the bill is issued (Extra information).
estatusId	(Bill status)	Required	Detecno's catalogue value.	Control code that stands for the status of the bill.
estatusIdImpresion	(Status of printing)	Required	Detecno's catalogue value.	Control code for bill printing. 0 (zero) for not print. 1 for print.
estatusIdCorreo	(Status of email)	Required	Detecno's catalogue value.	Control code for email. 0 (zero) for not send email. 1 for send.
estatusIdArchivo	(Status of output files)	Required	Detecno's catalogue value.	Control code for generating the XML and PDF on disk. 0 (zero) for not generate the files. 1 for generte them.
rechazoId	(Status of rejection)	Required	Fixed value: "0" (zero)	Fixed value "0" (zero).
addendaId	(Addenda ID)	Optional	Detecno's catalogue value.	Number of the addenda to be incorporated into the XML of the bill.
complementoId	(Complement ID)	Required	Detecno's catalogue value.	Number of the fiscal complement to be incorporated to the XML of the bill.
pathImpresion	(Printing path)	Optional	Alphanumeric	Printer path and name to print the bill representation.
correo	(Email)	Optional	Format: email@domain.com	Email address of the bill recipient.
formatoImpresion	(Layout for printing)	Optional	Integer. Custom catalogue value	Number of layout to be used for the bill printed representation.
formatoCorreo	(Layout for emailing)	Optional	Integer. Custom catalogue value	Number of layout to be used for sending the bill via email.
formatoWeb	(Layout for publishing)	Optional	Integer. Custom catalogue value	Number of layout to be used for publishing to bill representation in the searching web portal.
motivoCancelacion	(Reason for cancellation)	Optional	Alphanumeric	Code for the reason for cancellation of the voucher. Exclusive field for cancellation of receipts. In the case of Issuance, this field must be omitted.
folioSustitucion	(Replacement folio)	Optional	Pattern: [a-f0-9A-F]{8}-[a-f0-9A-F]{4}-[a-f0-9A-F]{4}-[a-f0-9A-F]{4}-[a-f0-9A-F]{12}	UUID that replaces the canceled fiscal folio. It is required when the cancellation reason code is 01. Exclusive field for cancellation of receipts. In the case of Issuance, this field must be omitted.

Comentarios   (Comments)

Optional section for adding general comments to the invoice.

Field	English meaning	Use	Format	Description
descripcion	(Description)	Optional	Alphanumeric	General comments applicable to the bill, only if required.
ordenador	(Sequence)	Optional	Integer	Consecutive number beginning at 1

CodBar   (Barcode)

[CodigoBarras/CodBar]

Optional section to indicate the data that will contain the barcode to be printed in the PDF.

Field	English meaning	Use	Format	Description
valorCodigo	(Value)	Required	Alphanumeric	Value to be represented in the barcode.
tipoCodigo	(Type of barcode)	Required	Alphanumeric	Type of barcode.
ordenador	(Sequence)	Required	Integer	Consecutive number beginning at 1

Complementos

Optional section to incorporate the complementary nodes determined by the SAT, in accordance with the particular provisions for a specific sector or activity.

Addenda   (Addendum)

Optional section with the information of a commercial addendum for the invoice.

Field	English meaning	Use	Format	Description
nameS	(Name space)	Optional	Alphanumeric	Addendum's NameSpace to be added to <Comprobante> element
schemaL	(Schema location)	Optional	Alphanumeric	Addendum's Schema Location to be added to <Comprobante> element

AddendaGeneral   (General addendum)

[Addenda/AddendaGeneral]

Optional section where the assembled addendum must be included when the issuer requires control of its assembly.

Field	English meaning	Use	Format	Description
addendaNombre	(Addendum name)	Optional	Alphanumeric	Addendum's name

Foliado   (Automatic invoice number)

Optional section to control automatic invoice numbering.

Field	English meaning	Use	Format	Description
automatico	(Automatic)	Required	true, false	If it's "true" the invoice number will be the last number plus 1. If it's "false", the system uses the invoice number from the XML file.

Comprobante	
CFDI version changes to 4.0	
The "exportacion" field is added.	It must be indicated whether it covers a temporary or permanent export, or it does not apply.
InformacionGlobal	This new conditional element is added to record the information related to the global invoice
"periodicidad" field of this new element.	
"meses" field of this new element.	
"anio" field of this new element.	
CfdiRelacionados	This element becomes repetitive to be able to add different UUIDs with different type of relationship.
Emisor	
The "nombre" field becomes required.	The name of the issuer must be found in the list of registered RFCs not canceled in the SAT and must belong to the Issuer's RFC.
The "facAtrAcquirente" field is added.	It is used for invoices issued by the purchaser of the products or services.
Receptor	
The "nombre" field becomes required.	The name of the recipient must be found on the list of registered RFCs not canceled in the SAT and must belong Recipient's RFC.
The "domicilioFiscalReceptor" field is added.	DocumentFiscalReceptor expresses the postal code of the recipient's fiscal address. The postal code must be found in the list of registered RFCs not canceled in the SAT and must belong to the Recipient's RFC.
The "regimeFiscalReceptor" field is added.	It must contain a value from the c_RegimenFiscal catalog and must correspond to the Recipient type of person.
Concepto	
The "objectImp" field is added.	It expresses whether or not the commercial operation is subject to tax. If this attribute contains the value "02", the child node "Impuestos" must exist.
Concepto/ACuentaTerceros	This new optional element is added to register information of the third party taxpayer, on behalf of which the operation is carried out.
Field "rfcACentaTerceros" of this new element.	
Field "nombreACentaTerceros" of this new element.	
Field "regimeFiscalACentaTerceros" of this new element.	
Field "domicilioFiscalACentaTerceros" of this new element.	
Concepto/CuentaPredial	This element becomes repetitive in order to be able to register several property account numbers.
Impuestos/Traslados/Traslado	
The "base" field is added.	It must be equal to the rounding of the sum of the transferred tax base amounts registered in the concepts where the tax and rate are equal to this element's.
The "tasaOCuota" field becomes conditional.	In case there are only concepts with exempt factor type, this field must not exist.
The "importe" field becomes conditional.	In case there are only concepts with exempt factor type, this field must not exist.

Detecno's catalogues

Type of bill

cfdId	Type
1	Invoice
2	Debit note
3	Credit note
4	Transport document
5	Honorary receipt
6	Lease receipt
7	Donation receipt
8	Payment receipt
9	Payroll receipt
10	Notaries public invoice

Status of the CFDI

estatusId	Description
1	To start the invoice creation
2	To start the invoice cancellation
3	Invoice in process
4	Valid invoice
5	Rejected invoice
6	Cancellation in process
7	Process error
8	Cancelled invoice
9	Cancellation failed
20	Waiting for cancellation
21	Prefecture

Addendas catalogue (Addendum)

addendaId	Addenda
1	Addendum prepared by the issuer of the CFDI
2 onwards	Specific Addenda to be assembled by Detecno.

Please request the catalog of addenda updated to your adviser or consult it on the site of Detecno integrations.
https://sites.google.com/a/detecno.com/integraciones-detecno/addendas/listadoaddendas

Status for printing

estatusIdImpresion	Description
0	Without direct printing
1	To start direct printing
3	Printing in process
4	Printing succesfull
5	Printing failed

Status for emailing

estatusIdCorreo	Description
0	Without email process
1	To start email
3	Email in process
4	Email succesfull
5	Email failed

Status for creating files on disk

estatusIdArchivo	Description
0	Without file creation process
1	To start file creation process
3	File creation in process
4	Files successfully created
5	File process failed

Design for printing the CFDI

formatoImp formatoCorreo formatoWeb	Description
1	To be defined by the issuer

Taxes catalogue

ordenador (Tax number)	Impuesto (Tax code)	ImpCat (Tax name)	Tipo (Type)	TasaOCuota (Rate or fee)	TipoFactor (Factor type)	Impuesto Local (Local tax)	Nota (Note)
1	002	IVA	Transferred	0.000000	Tasa (Rate)	NO	
2	002	IVA	Transferred	0.160000	Tasa (Rate)	NO	
3	002	IVA	Withheld	0.000000 - 0.160000	Tasa (Rate)	NO	
4	003	IEPS	Transferred	2.650000	Tasa (Rate)	NO	
5	003	IEPS	Withheld	2.650000	Tasa (Rate)	NO	
6	003	IEPS	Transferred	0.300000	Tasa (Rate)	NO	
7	003	IEPS	Withheld	0.300000	Tasa (Rate)	NO	
8	003	IEPS	Transferred	0.530000	Tasa (Rate)	NO	
9	003	IEPS	Withheld	0.530000	Tasa (Rate)	NO	
10	003	IEPS	Transferred	0.500000	Tasa (Rate)	NO	
11	003	IEPS	Withheld	0.500000	Tasa (Rate)	NO	
12	003	IEPS	Transferred	1.600000	Tasa (Rate)	NO	
13	003	IEPS	Withheld	1.600000	Tasa (Rate)	NO	
14	003	IEPS	Transferred	0.304000	Tasa (Rate)	NO	
15	003	IEPS	Withheld	0.304000	Tasa (Rate)	NO	
16	003	IEPS	Transferred	0.250000	Tasa (Rate)	NO	
17	003	IEPS	Withheld	0.250000	Tasa (Rate)	NO	

#	Code	Tax	Type	Rate	Kind	Local	Description
18	003	IEPS	Transferred	0.090000	Tasa (Rate)	NO	
19	003	IEPS	Withheld	0.090000	Tasa (Rate)	NO	
20	003	IEPS	Transferred	0.080000	Tasa (Rate)	NO	
21	003	IEPS	Withheld	0.080000	Tasa (Rate)	NO	
22	003	IEPS	Transferred	0.070000	Tasa (Rate)	NO	
23	003	IEPS	Withheld	0.070000	Tasa (Rate)	NO	
24	003	IEPS	Transferred	0.060000	Tasa (Rate)	NO	
25	003	IEPS	Withheld	0.060000	Tasa (Rate)	NO	
26	003	IEPS	Transferred	0.030000	Tasa (Rate)	NO	
27	003	IEPS	Transferred	0.000000	Tasa (Rate)	NO	
28	003	IEPS	Transferred	0.000000-43.770000	Cuota (Fee)	NO	
29	003	IEPS	Withheld	0.000000-43.770000	Cuota (Fee)	NO	
30	001	ISR	Withheld	0.000000-0.350000	Tasa (Rate)	NO	
31	999	ISH	Transferred	2	Tasa (Rate)	YES	Impuesto Sobre Hospedaje
32	999	ISH	Withheld	2	Tasa (Rate)	YES	Impuesto Sobre Hospedaje
33	999	ITF	Transferred	0.05	Tasa (Rate)	YES	Impuesto a las Transacciones Financieras
34	999	ITF	Withheld	0.05	Tasa (Rate)	YES	Impuesto a las Transacciones Financieras
35	999	CMIC	Transferred	0.5% (factor 0.005)	Tasa (Rate)	YES	Cámara Mexicana de la Industria de la Construcción
36	999	CMIC	Withheld	0.5% (factor 0.005)	Tasa (Rate)	YES	Cámara Mexicana de la Industria de la Construcción
37	999	SFP	Transferred	0.2% (factor 0.002)	Tasa (Rate)	YES	Secretaría de la Función Pública
38	999	SFP	Withheld	0.2% (factor 0.002)	Tasa (Rate)	YES	Secretaría de la Función Pública
39	999	SECODAM	Withheld	0.5% (factor 0.005)	Tasa (Rate)	YES	Secretaría de Contraloría y Desarrollo Administrativo
40	999	ICIC	Withheld	0.2% (factor 0.002)	Tasa (Rate)	YES	Instituto de Capacitación de la Industria de la Construcción
41	999	DIF	Withheld	0.1% (factor 0.001)	Tasa (Rate)	YES	Aportación al DIF por obras de construcción
42	999	SFP	Withheld	0.5% (factor 0.005)	Tasa (Rate)	YES	Secretaría de la Función Pública
43	999	CEDULAR	Withheld	1	Tasa (Rate)	YES	Servicios profesionales, estado de Guanajuato
44	999	ISH	Transferred	0	Tasa (Rate)	YES	Impuesto Sobre Hospedaje
45	999	ISH	Transferred	4	Tasa (Rate)	YES	Impuesto Sobre Hospedaje
46	999	ISERTP	Withheld	3	Tasa (Rate)	YES	Impuesto Sobre Erogaciones por Remuneraciones al Trabajo Personal
47	999	ISN	Withheld	3	Tasa (Rate)	YES	Impuesto Sobre Nómina
48	999	Sindicato	Withheld	1	Tasa (Rate)	YES	
49	999	Mano de obra	Transferred	1	Tasa (Rate)	YES	
50	999	Sindicato	Transferred	1	Tasa (Rate)	YES	
51	999	Mano de obra	Withheld	1	Tasa (Rate)	YES	
52	002	IVA	Transferred	0.080000	Tasa (Rate)	NO	
53	002	IVA	Withheld	0.000000 - 0.080000	Tasa (Rate)	NO	
54	999	DSA	Transferred	0.000000	Cuota (Fee)	YES	Derecho de Saneamiento Ambiental (Ciertos municipios de Quintana Roo)
55	999	ISN	Transferred	6	Tasa (Rate)	YES	Desarrollo Económico y Social de la Entidad (Chiapas)
56	002	IVA	Transferred	-	Exento (Exempt)	NO	Exempt from VAT
57	999	ISH	Transferred	3	Tasa (Rate)	YES	Impuesto Sobre Hospedaje Puebla

Barcode catalogue

Type	Description
1	Code 128
2	Code Bar
3	Code 39
4	EAN 13

Complements catalogue

complementoId	Complement
0	No complement
1	Electronic wallet fuels statement 1.1
2	Donations
3	Foreign exchange
4	Local rights and taxes
5	Fiscal captions
6	Natural person member of a coordinated group
7	Foreign touristic passenger
8	SPEI
9	Retailing (Please use addendaId = 37 and complementoId = 0)
10	CFDI fiscal record
11	Payroll receipt 1.2
1110	Payroll receipt 1.2 + CFDI fiscal record
12	Payment in kind
13	Food vouchers
14	Fuel purchase
15	Airlines
16	Notaries public
17	Used vehicle
1726	Used vehicle + Vehicle sale
18	Partial building services
19	Vehicle renewal and replacement
20	Certificate of destruction
21	Plastic artworks and antiques
22	INE 1.1
23	Foreign trade 1.1
234	Foreign trade 1.1 + Local rights and taxes
235	Foreign trade 1.1 + Fiscal captions
2310	Foreign trade 1.1 + CFDI fiscal record
2331	Foreign trade 1.1 + Bill of lading 2.0
2333	Foreign trade 1.1 + Bill of lading 3.0
24	Payments reception 1.0 (Disused)
25	Private educational institutions
26	Vehicle sale
27	Third parties
28	Hydrocarbon revenues
29	Hydrocarbon expenses
30	Bill of lading 1.0 (Disused)
31	Bill of lading 2.0
314	Bill of lading 2.0 + Local rights and taxes
315	Bill of lading 2.0 + Fiscal captions
316	Bill of lading 2.0 + Natural person member of a coordinated group

	32	Payments reception 2.0						
	3210	Payments reception 2.0 + CFDI fiscal record						
	33	Bill of lading 3.0						
	334	Bill of lading 3.0 + Local rights and taxes						
	335	Bill of lading 3.0 + Fiscal captions						
	336	Bill of lading 3.0 + Natural person member of a coordinated group						
	34	Foreign trade 2.0						
	344	Foreign trade 2.0 + Local rights and taxes						
	345	Foreign trade 2.0 + Fiscal captions						
	3410	Foreign trade 2.0 + CFDI fiscal record						
	3433	Foreign trade 2.0 + Bill of lading 3.0						

	Changelog	
Date	**Description**	**User**
Feb 24th, 2022	Translation of the dictionary to English	Christian
Jun 13th, 2023	Code 56 for exempt of VAT is added to the tax catalog	Sergio
Apr 24th, 2024	Format setting	Jesus