

# Indian GST Extension for Magento

by CedCommerce Docs - Products User Guides

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## 1. Overview

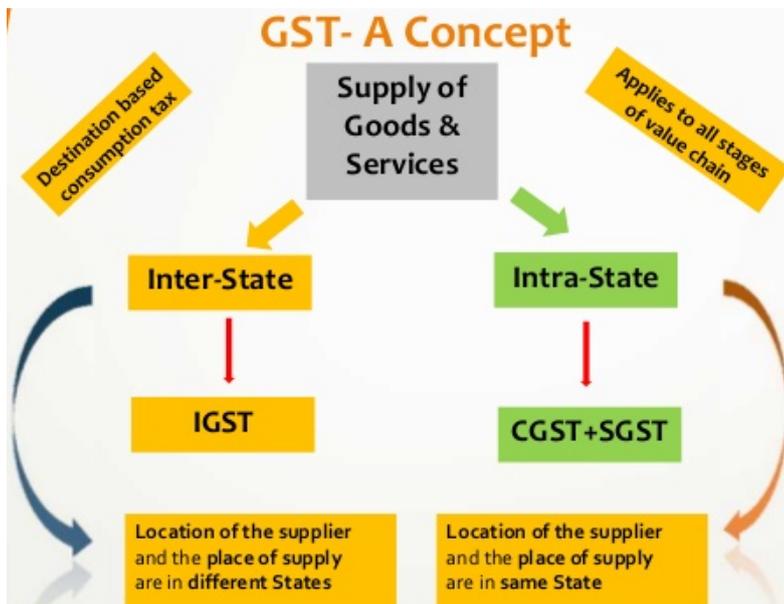
**Goods and Services Tax (GST)** is a multi-stage consumption tax on goods and services in India.

As per the new government norms, GST is applied in a different manner to intra-state and inter-state sales. GST levied on the intra-State sales by the Centre is known as **Central GST (CGST)** and that by the States is known as **State GST (SGST)**. Whereas for inter-state sales, only **IGST (Integrated GST)** is applied which is directly paid to the Central Government.

**Indian GST Extension for Magento** provides the functionality to apply the appropriate Indian Goods and Services Tax (GST) rates on the products those belong to different tax slabs. It calculates the tax accordingly and displays the tax amounts on the front end view. GST is applied to the product basis and globally.

### Features are as follows:

- Admin can enable or disable the GST feature.
- Tax is automatically calculated based on the shipping origin and the customer delivery address.
- Admin can set the **Goods and Services Tax Identification Number (GSTIN)** and also can view the GSTIN on the invoice and the credit memo.
- SGST, CGST, and IGST are automatically calculated based on applied tax classes.
- Admin can select the tax rates of the respective product from the product creation page.
- Applied GST appears in the order view, the invoice view, the credit memo view, the new order email and the PDFs.
- GSTIN appears on the invoice and also on the credit memo.

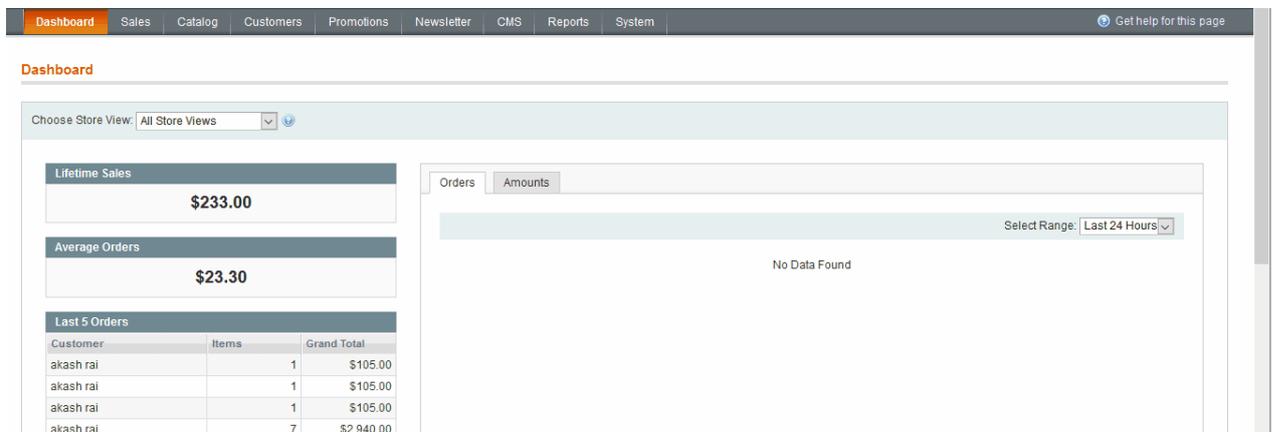


## 2. Indian GST Configuration Settings

After purchasing and installing the Indian GST extension for Magento, the admin has to set up the configuration settings to enable the features of the extension.

### To set up the configuration settings

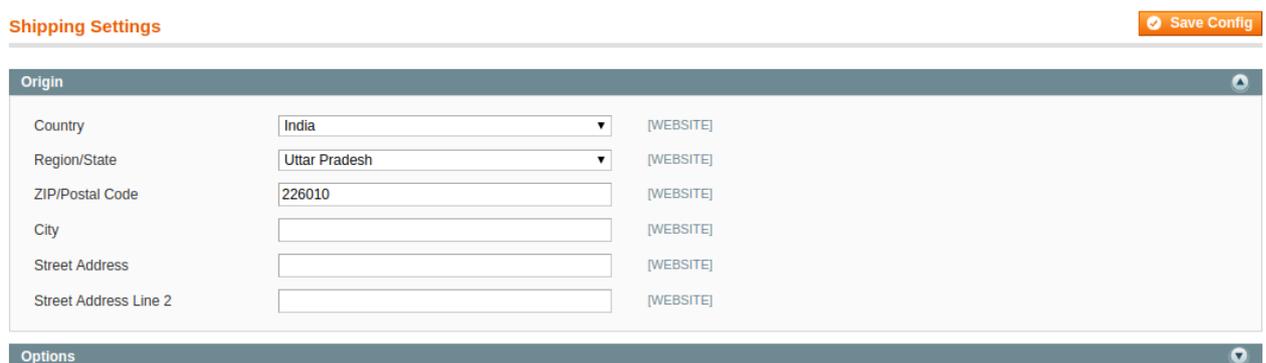
1. Go to the **Magento Admin** panel.
2. On the top navigation bar, move the cursor over the **System** tab, and then click **Configuration**.  
The **Configuration Settings** page appears.



3. In the left navigation panel, click **Indian GST**.
4. In the right panel, Under the **GST** section, do the following:
  - a. In the **Enable GST** list, select **Yes**.
  - b. In the **GSTIN** box, enter the GSTIN value.
  - c. In the **Warehouse** list, select the required region.
5. Click the **Save Config** button.

### Set Shipping Settings

1. On the left navigation bar, click the **SYSTEM** menu, and then click **CONFIGURATION**.  
The **Configuration Settings** page appears.
2. Navigate to **SALES** and update **ORIGIN**  
Set the **Country** and **State**



3. Now **Save** the Configuration

**Note:** This location is Marked as you warehouse location from where the order will be delivered and based on this CGST / SGST or IGST will be calculated on the product purchased.

### 3. Appearance of GST Rates in the Admin Panel

Once the admin has enabled the GST feature, the tax is automatically calculated based on the shipping origin, that is Warehouse Address and the customer delivery address.

**These calculated and applicable taxes are reflected on the following pages of the Magento admin panel:**

- New Product page or Edit Product Information page(<http://docs.cedcommerce.com/magento/indian-gst-magento-extension/indian-gst-magento-extension-admin-guide?section=product-page>)
- Order View(<http://docs.cedcommerce.com/magento/indian-gst-magento-extension/indian-gst-magento-extension-admin-guide?section=order-view>)
- Invoice view(<http://docs.cedcommerce.com/magento/indian-gst-magento-extension/indian-gst-magento-extension-admin-guide?section=invoice-view>)
- Credit Memo view(<http://docs.cedcommerce.com/magento/indian-gst-magento-extension/indian-gst-magento-extension-admin-guide?section=credit-memo-view>)

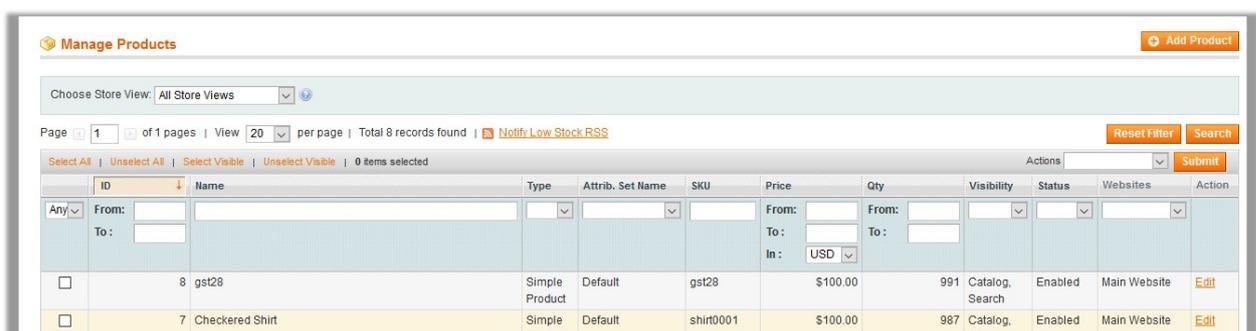
### 3.1. Product Page

On this page while creating a new product or while managing the existing product, the admin has to set the HSN code value, if available, and the GST Rate based on the applicable slabs.

**Harmonized System of Nomenclature (HSN)** is a multipurpose international product nomenclature developed by the **World Customs Organization (WCO)** with the objective of classifying goods from all over the World in a systematic and logical manner.

#### To set the GST Rate

1. Go to the **Magento Admin** panel.
2. On the top navigation bar, move the cursor over the **Catalog** tab, and then click **Manage Products**. The **Manage Products** page appears as shown in the following figure:



3. Click the **Edit** link associated with the required product. The Product page appears as shown in the following figure:

The screenshot shows the 'Checkedred Shirt (Default)' product edit page. The 'General' tab is selected. The 'HSN Code' field is set to '890012' and the 'GST Rate' is set to '18%'. A red box highlights these two fields.

4. Enter the values in the required fields or make the changes if required.
5. In the **HSN Code** box, enter the value.
6. In the **GST Rate** list, select the required option based on the applicable slab.
7. Click the **Save** button.

### 3.2. Order View

**First Scenario:** In case of Inter-state sales, only IGST (Integrated GST) is applied. For instance, if the admin has set the value of the Warehouse as Delhi, and the order is placed from a different state such as Uttar Pradesh, then only IGST is applied as shown in the following figure:

**Warehouse = Delhi**

The screenshot shows the 'Indian GST' configuration page. The 'GST' section is expanded, showing 'Enable GST' set to 'Yes', 'GSTIN' set to 'DH7630KFH55NF9D', and 'Warehouse' set to 'Delhi'. The 'Warehouse' field is highlighted with a red box.

**Order Placed = Uttar Pradesh**

**Order View** | Order # 10000016 | Aug 10, 2017 11:52:02 PM

Back Edit Cancel Send Email Hold Invoice Ship Reorder

Order # 10000016 (the order confirmation email was sent)

Order Date: Aug 10, 2017 11:52:02 PM  
 Order Status: Pending  
 Purchased From: Main Website Store  
 Default Store View  
 Placed from IP: 103.85.140.162

**Account Information**

Customer Name: akash rai  
 Email: akashrai@qmx.com  
 Customer Group: General

**Billing Address** Edit

akash rai  
 asdasd  
 sfasdas, Uttar Pradesh, 123123  
 India  
 T: 3453453453453

**Shipping Address** Edit

akash rai  
 asdasd  
 sfasdas, Uttar Pradesh, 123123  
 India  
 T: 3453453453453

**Payment Information**

Check / Money order  
 Order was placed using USD

**Shipping & Handling Information**

Fiat Rate - Fixed \$5.00

**Items Ordered**

Product	Item Status	Original Price	Price	Qty	Subtotal	IGST	CGST	SGST	Discount Amount	Row Total
Checkered Shirt SKU: shirt0001 HSN: 890012	Ordered	\$100.00	\$100.00	Ordered 1	\$100.00	\$18.00 Rate: 18%	NULL	NULL	\$0.00	\$118.00

**Comments History**

Add Order Comments  
 Status: Pending  
 Comment:  
 Notify Customer by Email  
 Visible on Frontend  
 Aug 10, 2017 11:52:02 PM | Pending  
 Customer Notified ✓

**Order Totals**

Subtotal	\$100.00
Shipping & Handling	\$5.00
<b>Grand Total (Excl.Tax)</b>	<b>\$87.00</b>
IGST18 (18%)	\$18.00
Total Tax	\$18.00
<b>Grand Total (Incl.Tax)</b>	<b>\$105.00</b>
Total Paid	\$0.00
Total Refunded	\$0.00
<b>Total Due</b>	<b>\$105.00</b>

Only **IGST** is applied as highlighted.

**Second Scenario:** In case of Intra-state sales, Central GST (CGST) and as State GST (SGST) both are applied. For instance, if the admin has set the value of the Warehouse as Delhi, and the order is placed from the same state, here it is Delhi, then Central GST (CGST) and State GST (SGST) both are applied as shown in the following figure:

**Warehouse = Delhi**

**Indian GST**

---

**GST**

Enable GST: Yes [STORE VIEW]  
▲ (if no, it disables GST System)

GSTIN: DH7630KFH55NF9D [GLOBAL]

Warehouse: Delhi [WEBSITE]

Order Placed = Delhi

Dashboard Sales Catalog Customers Promotions Newsletter CMS Reports System Get help for this page

**Order View** Order # 10000014 | Aug 7, 2017 4:58:24 AM Back Edit Send Email Credit Memo Hold Ship Reorder

**Information**

- Invoices
- Credit Memos
- Shipments
- Comments History
- Transactions

**Order # 10000014 (the order confirmation email was sent)**

Order Date: Aug 7, 2017 4:58:24 AM  
 Order Status: Processing  
 Purchased From: Main Website  
 Main Website Store  
 Default Store View  
 Placed from IP: 103.85.140.162

**Account Information**

Customer Name: akash.rai  
 Email: akashrai@qmx.com  
 Customer Group: General

**Billing Address** Edit

Akash Rai  
 RD-22  
 New Delhi, Delhi, 224923  
 India  
 T. 9865847522

**Shipping Address** Edit

Akash Rai  
 RD-22  
 New Delhi, Delhi, 224923  
 India  
 T. 9865847522

**Payment Information**

Check / Money order  
 Order was placed using USD

**Shipping & Handling Information**

Flat Rate - Fixed \$5.00

**Items Ordered**

Product	Item Status	Original Price	Price	Qty	Subtotal	IGST	CGST	SGST	Discount Amount	Row Total
Checkeded Shirt SKU: shirt0001 HSN: 890012	Invoiced	\$100.00	\$100.00	Ordered 1 Invoiced 1	\$100.00	9%	9%	9%	\$0.00	\$118.00

**Comments History**

Add Order Comments  
 Status: Processing  
 Comment:   
 Notify Customer by Email  Visible on Frontend Submit Comment

Aug 10, 2017 7:18:39 AM | Processing  
 Customer Notified ✓

Aug 7, 2017 4:58:24 AM | Pending  
 Customer Notified ✓

**Order Totals**

Subtotal	\$100.00
Shipping & Handling	\$5.00
<b>Grand Total (Excl.Tax)</b>	<b>\$87.00</b>
SGST18 (9%)	\$18.00
CGST18 (9%)	\$18.00
Total Tax	\$18.00
<b>Grand Total (Incl.Tax)</b>	<b>\$105.00</b>
Total Paid	\$123.00
Total Refunded	\$0.00
Total Due	\$0.00

Central **GST (CGST)** and State **GST (SGST)** both are applied as highlighted.

### 3.3. Invoice View

Similarly, based on the inter-state or intra-state sales, the GST is applicable and reflected on the invoices. In case of an Inter-state sale, only Integrated GST (IGST) is applied. In case of an Intra-State sale, Central GST (CGST) and State GST (SGST) both are applied.

**Scenario: Intra-State**

Warehouse = Delhi

Order Placed from = Delhi

It means, the **Central GST (CGST)** and **State GST (SGST)** both are applied as highlighted in the following figure:

**Invoice #100000010 | Paid | Aug 10, 2017 7:18:39 AM (the invoice email was sent)**

Order # 100000014 (the order confirmation email was sent)

Order Date: Aug 7, 2017 4:58:24 AM  
 Order Status: Processing  
 Purchased From: Main Website  
 Placed from IP: 103.85.140.162

Account Information  
 Customer Name: akash\_raj  
 Email: akashraj@gmx.com  
 Customer Group: General

Billing Address: Akash Rai, RD-22, New Delhi, Delhi, 224923, India, T: 9865847522

Shipping Address: Akash Rai, RD-22, New Delhi, Delhi, 224923, India, T: 9865847522

Payment Information: Check / Money order, Order was placed using USD

Shipping Information: Flat Rate - Fixed Total Shipping Charges: \$5.00

Product	Price	Qty	Subtotal	IGST	CGST	SGST	Discount Amount	Row Total
Checkered Shirt SKU: shirt0001 HSN: 890012	\$100.00	1	\$100.00	NULL	\$9.00	\$9.00	\$0.00	\$118.00

Invoice History: Comment Text,  Notify Customer by Email,  Visible on Frontend,  Submit Comment

Invoice Totals

Subtotal	\$100.00
Shipping & Handling	\$5.00
<b>Grand Total (Excl.Tax)</b>	<b>\$105.00</b>
SGST18 (9%)	\$9.00
CGST18 (9%)	\$9.00
Total Tax	\$18.00
<b>Grand Total (Incl.Tax)</b>	<b>\$123.00</b>

### 3.4. Credit Memo View

Similarly, based on the Inter-State or Intra-State sales, the GST is applicable and reflected on the Credit Memo View also. In case of an Inter-State sale, only Integrated GST (IGST) is applied. In case of an Intra-State sale, Central GST (CGST) and State GST (SGST) both are applied

**Scenario: Inter-State**

Warehouse = Delhi

Order Placed from = UttarPradesh

It means, only **Integrated GST (IGST)** is applied as highlighted in the following figure:

Credit Memo #100000004 | Refunded | Aug 4, 2017 7:25:36 AM (the credit memo email was sent)

Order # 100000009 (the order confirmation email was sent)

Order Date: Aug 4, 2017 7:21:45 AM  
 Order Status: Closed  
 Purchased From: Main Website  
 Main Website Store  
 Default Store View  
 Placed from IP: 103.85.140.162

Account Information  
 Customer Name: akash rai  
 Email: akashrai@gmx.com  
 Customer Group: General

Billing Address  
 akash rai  
 asdasd  
 sfasdas, Uttar Pradesh, 123123  
 India  
 T: 3453453453453

Shipping Address  
 akash rai  
 asdasd  
 sfasdas, Jammu Kashmir, 123123  
 India  
 T: 3453453453453

Payment Information  
 Check / Money order  
 Order was placed using USD

Shipping Information  
 Flat Rate - Fixed Total Shipping Charges: \$70.00

Product	Price	Qty	Subtotal	IGST	CGST	SGST	Discount Amount	Row Total
gst0 SKU: gst0	\$100.00	2	\$200.00	\$0.00	NULL	NULL		\$200.00
gst0.25 SKU: gst2	\$100.00	2	\$200.00	\$0.00	NULL	NULL		\$200.00
gst3 SKU: gst3	\$100.00	2	\$200.00	\$6.00	NULL	NULL		\$206.00
gst5 SKU: gst5	\$100.00	2	\$200.00	\$10.00	NULL	NULL		\$210.00
gst12 SKU: gst12	\$100.00	2	\$200.00	\$24.00	NULL	NULL		\$224.00
gst18 SKU: gst18	\$100.00	2	\$200.00	\$36.00	NULL	NULL		\$236.00
gst28 SKU: gst28	\$100.00	2	\$200.00	\$56.00	NULL	NULL		\$256.00

Credit Memo History  
 Comment Text  
 Notify Customer by Email  
 Visible on Frontend  
 Submit Comment

Credit Memo Totals

Subtotal	\$1,400.00
Shipping & Handling	\$70.00
Adjustment Refund	\$0.00
Adjustment Fee	\$0.00
<b>Grand Total (Excl.Tax)</b>	<b>\$1,470.00</b>
IGST3 (3%)	\$6.00
IGST5 (5%)	\$10.00
IGST12 (12%)	\$24.00
IGST18 (18%)	\$36.00
IGST28 (28%)	\$56.00
Total Tax	\$132.00
<b>Grand Total (Incl.Tax)</b>	<b>\$1,602.00</b>

#### 4. Appearance of GST Rates on the Front-end View

Once the admin has enabled the GST feature, the tax is automatically calculated based on the shipping origin, that is Warehouse Address and the customer delivery address.

*Similarly, these calculated and applicable taxes are reflected on the following pages of the front end view:*

- Order View(<http://docs.cedcommerce.com/magento/indian-gst-magento-extension/indian-gst-magento-extension-admin-guide?section=order-view-2>)

- Shopping Cart during checkout(<http://docs.cedcommerce.com/magento/indian-gst-magento-extension/indian-gst-magento-extension-admin-guide?section=shopping-cart-during-checkout>)

## 4.1. Order View

The scenario is based on Intra-State sale.

Warehouse = Delhi

Order Placed from = Delhi

It means, the **Central GST (CGST)** and **State GST (SGST)** both are applied as highlighted in the following figure:

**MY ACCOUNT**

ACCOUNT DASHBOARD

ACCOUNT INFORMATION

ADDRESS BOOK

**MY ORDERS**

BILLING AGREEMENTS

RECURRING PROFILES

MY PRODUCT REVIEWS

MY TAGS

MY WISHLIST

MY APPLICATIONS

NEWSLETTER SUBSCRIPTIONS

MY DOWNLOADABLE PRODUCTS

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**MY ORDERS**

**Last Ordered Items**

CHECKERED SHIRT

[View All](#)

[Reorder](#) | [Print Order](#)

## ORDER #100000014 - PROCESSING

About This Order: [Order Information](#) [Invoices](#)

---

ORDER DATE: AUGUST 7, 2017

**SHIPPING ADDRESS:** Akash Rai  
RD-22  
**New Delhi, Delhi, 224923**  
India  
T: 9865847522

**SHIPPING METHOD:** Flat Rate - Fixed

**BILLING ADDRESS:** Akash Rai  
RD-22  
New Delhi, Delhi, 224923  
India  
T: 9865847522

**PAYMENT METHOD:** Check / Money order

---

### ITEMS ORDERED

**GSTIN No. : DH7630KFH55NF9D**

PRODUCT NAME	SKU	HSN	IGST	CGST	SGST	PRICE	QTY	SUBTOTAL
CHECKERED SHIRT	shirto001	890012	NULL	\$9.00 Rate: 9%	\$9.00 Rate: 9%	\$100.00	Ordered: 1	\$118.00
Subtotal								\$100.00
Shipping & Handling								\$5.00
<b>Grand Total (Excl.Tax)</b>								<b>\$87.00</b>
SGST: 9%								\$18.00
CGST: 9%								\$18.00
▲ Tax								\$18.00
<b>Grand Total (Incl.Tax)</b>								<b>\$105.00</b>

## 4.2. Shopping Cart during checkout

### First Scenario: Inter-State

Warehouse = Delhi

Order Placed from = Assam

It means, only **Integrated GST (IGST)** is applied as highlighted in the following figure:

YOUR LANGUAGE: **DEFAULT STORE VIEW** WELCOME, AKASH RAI!

**Magento** ACCOUNT CART (2)

Search entire store here...

MOBILE SHIRTS

### SHOPPING CART

[PROCEED TO CHECKOUT](#)

PRODUCT	PRICE	QTY	SUBTOTAL
<b>CHECKERED SHIRT</b> SKU: shirto001	\$100.00	2	\$200.00

[EMPTY CART](#)    [UPDATE SHOPPING CART](#) -or- [CONTINUE SHOPPING](#)

DISCOUNT CODES  [APPLY](#)

**ESTIMATE SHIPPING AND TAX**

COUNTRY \*  STATE/PROVINCE  ZIP \*

[ESTIMATE](#)

**Flat Rate**

Fixed - \$10.00

[UPDATE TOTAL](#)

SUBTOTAL	\$200.00
SHIPPING & HANDLING (FLAT RATE - FIXED)	\$10.00
<b>GRAND TOTAL EXCL. TAX</b>	<b>\$174.00</b>
IGST18 (18%)	\$36.00
▲ TAX	\$36.00
<b>GRAND TOTAL INCL. TAX</b>	<b>\$210.00</b>

[PROCEED TO CHECKOUT](#)

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**Second Scenario: Intra-State**

Warehouse = Delhi

Order Placed from = Delhi

It means, the **Central GST (CGST)** and **State GST (SGST)** both are applied as highlighted in the following figure:

**SHOPPING CART**
PROCEED TO CHECKOUT

PRODUCT	PRICE	QTY	SUBTOTAL	
<p><b>CHECKERED SHIRT</b> <small>SKU: shirto001</small></p>	\$100.00	<input type="text" value="3"/> <p style="font-size: 8px; color: #0070c0; text-align: center;">Edit Move to wishlist</p>	\$300.00	<input type="text" value="DISCOUNT CODES"/> <a href="#" style="font-size: 8px; color: #0070c0;">APPLY</a>

[EMPTY CART](#)
[UPDATE SHOPPING CART](#) -or- [CONTINUE SHOPPING](#)

**ESTIMATE SHIPPING AND TAX**

COUNTRY *	STATE/PROVINCE	ZIP *
<input type="text" value="India"/>	<input type="text" value="Delhi"/>	<input type="text" value="34444"/>

[ESTIMATE](#)

**Flat Rate**

Fixed - \$15.00

[UPDATE TOTAL](#)

SUBTOTAL	\$300.00
<b>GRAND TOTAL EXCL. TAX</b>	<b>\$246.00</b>
SGST18 (9%)	\$54.00
CGST18 (9%)	
▲ TAX	\$54.00
<b>GRAND TOTAL INCL. TAX</b>	<b>\$300.00</b>

[PROCEED TO CHECKOUT](#)

## 5. New order email and the PDFs

Similarly, based on the inter-state or intra-state sales, the GST is applicable and reflected in the New order email and PDF. In case of an Inter-state sale, only Integrated GST (IGST) is applied. In case of an Intra-State sale, Central GST (CGST) and State GST (SGST) both are applied.

### New Order Email



**THANK YOU FOR YOUR ORDER FROM  
MAIN WEBSITE STORE.**

Once your package ships we will send an email with a link to track your order. Your order summary is below.  
Thank you again for your business.

**Order Questions?**

Email: [support@example.com](mailto:support@example.com)

Your order #10000019

Placed on August 11, 2017 9:49:20 PM PDT

GSTIN No. : DH7630KFH55NF9D

Item	Sku	HSN	IGST	CGST	SGST	Qty	Subtotal
Checkered Shirt	shirt0001	890012	4	NULL	\$36.00 Rate: 9%	\$36.00 Rate: 9%	\$400.00

Subtotal	\$400.00
Shipping & Handling	\$20.00
Grand Total (Excl.Tax)	\$348.00
SGST18 (9%)	\$72.00
CGST18 (9%)	
Tax	\$72.00
Grand Total (Incl.Tax)	\$420.00

**BILL TO:**

Akash Rai  
RD-22  
New Delhi, Delhi, 224923  
India  
T: 9865847522

**SHIP TO:**

Akash Rai  
RD-22  
New Delhi, Delhi, 224923  
India  
T: 9865847522

**SHIPPING METHOD:**

Flat Rate - Fixed

**PAYMENT METHOD:**

Check / Money order

Thank you, Main Website Store!

PDF

**ORDER #10000015**

ORDER DATE: AUGUST 10, 2017

**SHIPPING ADDRESS**

Akash Rai  
RD-22  
New Delhi, Delhi, 224923  
India  
T: 9865847522

**BILLING ADDRESS**

Akash Rai  
RD-22  
New Delhi, Delhi, 224923  
India  
T: 9865847522

**SHIPPING METHOD**

Flat Rate - Fixed

**PAYMENT METHOD**

Check / Money order

GSTIN No. : DH7630KFH55NF9D

**ITEMS ORDERED**

PRODUCT NAME	SKU	HSN	IGST	CGST	SGST	PRICE	QTY	SUBTOTAL
CHECKERED SHIRT	shirt0001	890012	NULL	\$9.00 Rate: 9%	\$9.00 Rate: 9%	\$100.00	Ordered: 1	\$118.00
Subtotal								\$100.00
Shipping & Handling								\$5.00
<b>Grand Total (Excl.Tax)</b>								<b>\$87.00</b>
SGST18 (9%)								\$18.00
CGST18 (9%)								
Tax								\$18.00
<b>Grand Total (Incl.Tax)</b>								<b>\$105.00</b>