33455 6th Ave S, Suite 2A
Federal Way, WA 98003
Office (253) 929-2000
Fax (253) 929-2032
Toll Free (800) 942-9909
www.peninsulatruck.com

Peninsula Truck Lines Rate Quote API Implementation Guide

v 3.1

Contents

Section 1 - General 3
Section 2 – Creating a Web Account 3
Section 3 – Managing API Keys 3
Section 4 – Accessing the Public API 4
Section 5 – Notes on JSON Transmission 4
Section 6 – Validating the API Key 4
Section 7 – Data Field Notes 5
Section 8 – Accessorial Codes 5
Section 9 – Guaranteed Service Notes 6
Section 10 – API Function Post 7
Section 11 – Example Payload 10
Section 12 – Example Response 11
Section 13 – Using the Sandbox 14

Section 1 - General

The Peninsula Truck Lines Rate Quote Public API provides customers with the ability to generate rate quotes via web services. A secure HTTPS call is made by the customer's application with a JSON payload and processed by the Public API, which then returns a JSON response. The API supports one method, **Post**.

Section 2 – Creating a Web Account

You must have a Peninsula Truck Lines web account to use the Public Rate Quote API. Below are the steps for creating a web account:

1. Go to the Peninsula Truck Lines website: http://peninsulatruck.com.
2. Click the Sign In button on the upper right-hand corner, then from the PTL Site Login pop up, click the "Don't have an account?" link.
3. You will be presented with the Account Registration form that, when submitted, is the first step in creating your web account.
4. You will receive an email with a subject line of "***Verify your email***" that comes from the PTL site backend no-reply@auth0user.net with a button you need to click to verify your email address (orange button labelled VERIFY YOUR ACCOUNT).
5. After clicking the VERIFY YOUR ACCOUNT button you will see a page indicating your email has been verified.
6. After verifying your email address you will receive an email with a subject line of "***Peninsula Truck Lines User Account***" that comes from Peninsula Truck Lines Customer Service noreply@peninsulatruck.com indicating your account is pending approval.
7. Customer Service will approve the pending account within 24 hours. Once approved, you will receive an email with the subject line of "***Peninsula Truck Lines Web Access***" from custserv@peninsulatruck.com.
8. At this point your web account is ready for use.

Section 3 – Managing API Keys

API keys are managed through the Peninsula Truck Lines website. If you do not currently have a web account, see Section 2 – Creating a Web Account for the steps to complete this pre-requisite.

1. Log into the website.
2. Click the down arrow to the right of your login name, in the upper right-hand corner, and select "My API Keys".
3. Click the "New API Key" button.
4. In the "Create API Key" pop up, enter the user ID of the person you are creating the key for in the Target User ID field.
5. Choose the type of key you want to create (Production or Sandbox) in the API Environment drop down.
6. Click the "Create" button.
7. The newly created key will display in the My API Keys section showing the User ID, Environment, Created Date, and Expiration Date.
8. Click the "Reveal" button to see the API key.
9. API keys are valid for one year. A new key must be created after a prior key has expired.
10. To delete an API key, click the trash can icon to the far right and choose the "Delete API Key" button in the confirmation window pop up.

Section 4 – Accessing the Public API

The Rate Quote Public API is accessed at the URL **https://api.peninsulatruck.com/api/rate-quotes/v3.1/**. The API requires use of an assigned API key specific to each user. API keys are created as instructed in Section 3 – Managing API Keys and can be accessed through our website at https://www.peninsulatruck.com/_/#/api-keys.

Prior to making a call to the Public API, the user's API key must be validated as outlined in Section 6 – Validating the API Key. This validation will provide an authenticated Bearer Token, which is valid for 4 hours. When the token expires, the API key must be validated again and a new Bearer Token issued to allow continued use.

Section 5 – Notes on JSON Transmission

- The order that fields appear in the body of the JSON payload or response does not matter
- Fields and arrays listed as **required** must be present or the API call will return an error
- There are no nested arrays in this API - all arrays appear as part of the main body of the payload or response
- All arrays allow for multiple entries inside the array
- Each entry in the array will represent a single element of the array, with all associated fields for that element
- Each array may appear only one time in the payload
- Dates in the response will be in the YYYY-MM-DD format
- Time components are sent as a 12-hour clock with "am" or "pm" immediately following (with no space between the time and the am/pm designation)
- Phone numbers are sent as NNN-NNN-NNNN, without a leading 1 or 0
- String fields **are** case sensitive with restrictions as noted in the section for that field
- Generalized documentation on JSON standards can be found at https://www.json.org/
- A Bearer Token (received by validating your API key) is required in the header of all calls - if the Bearer Token value is not included, the API call will be rejected via error 401

Section 6 – Validating the API Key

To receive a validated Bearer Token, allowing use of the Public API for up to 4 hours, a call must be made to the URL **https://api.peninsulatruck.com/api/auth/token**. The body of this call will be a JSON payload with 2 fields: **grantType** (which will have the value of "key") and **secret** (which will have the user's API key to validate).

Example payload:

```
{
    "grantType": "key",
    "secret": "cxOSwic2lkIjoiSFZBekN2OXQ1elhybUZoRWdzWTNUS1ZqZThs”
}
```

Example response:

```
{
    "status": "ok",
    "accessToken": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJodHRwczovL3B0bHByb2RhcGkuYXp1cmV3ZWJzaXRlcy5uZXQiLCJzdWIiOiJzdGV2ZWgiLCJhdWQiOiJodHRwczovL3B0bHByb2RhcGkuYXp1cmV3ZWJzaXRlcy5uZXQiLCJpYXQiOjE2NzkwMDcxMTksImV4cCI6MTY3OTAxMDcxOSwic2lkIjoiSFZBekN2OXQ1elhybUZoRWdzWTNUS1ZqZThsNkUzRV9YSG04TGhVSGNyMmtuNzFkNXI1LTJBMW9fZTI5RERERaSIsImh0dHBzOi8vcHRsL3VzZXJJZCI6InN0ZXZlaCJ9.0_j8eBG09Ximp2DGwpBknftc-mwO6pRsBn0uChrWdos"
}
```

The value returned in the field **accessToken** is then sent as the **Bearer Token** in the header of all calls to the Public API for the next 4 hours.

Section 7 – Data Field Notes

The API allows Rate Quotes by class or pallet rating (if the customer has established pallet pricing). There are default rates for class so new customers can generate class quotes, but there are no default pallet rates. All pallet rating relies on pre-agreed terms.

The following rules should be followed when submitting a request for a rate quote:

- When pallet rating (**isPalletRated** = true):
  - The **dimensions** array and all fields in it are required along with the field **totalPalletWeight**
  - Do not enter nmfcClass or Weight in the **load** array
- When class rating (**isPalletRated** = false):
  - The **load** array and all fields in it are required
  - The **dimensions** array is optional:
    - This allows you to provide information about the item(s) to be shipped (**length**, **width**, and **height**)
    - **palletCount** is only used for pallet rating, do not enter a value when class rating
  - **totalPalletWeight** is only used for pallet rating, do not enter a value when class rating
- The accessorial Boolean fields when true (other than **isPalletRated)**, will add the associated accessorial code and charge in the accCodes array of the quote
- Putting any value greater than 0 into the **fullValueInsurance** field will add the Full Value Insurance accessorial with the associated charge for the monetary value specified
- Quotes with Guaranteed Service, confirmed by Peninsula, will have quote numbers that start with “G”, quotes without Guaranteed Service will start with “W”.

Section 8 – Accessorial Codes

Add accessorials to the quote by setting the Boolean value to true for the given accessorial. Below are the accessorials recognized by the Rate Quote API. Contact the Rates & Billing department for assistance with quotes that require accessorials not listed (Saturday delivery, stop charges, etc).

Boolean	Description	Accessorial Code
isAppointment	Appointment	AF1
isJobSite	Construction Site Delivery	CD1
isLimitedDelivery	Limited Access Delivery	DL1
isInsideDelivery	Inside Delivery (*ground floor*)	ID1
isInsidePickup	Inside Pickup (*ground floor*)	IP1
isLGPickup	Liftgate Pickup	LP1
overLengthInches	Overlength for items from 97” to 143”	OL18
overLengthInches	Overlength for items from 144” to 191”	Ol112
overLengthInches	Overlength for items from 192” to 239”	OL116
overLengthInches	Overlength for items from 240” to 323”	OL120

isNotifyBeforeDelivery	Notification Before Delivery (*different than appointment*)	NF1
isLimitedPickup	Limited Access Pickup	PL1
isResiDelivery	Residential Delivery	RD1
isResiPickup	Residential Pickup	RP1
isGuarantDelByNine	Guaranteed Delivery by 9:00am (*business days only*)	SP1G9
isGuarantDelByNoon	Guaranteed Delivery by 12:00pm (*business days only*)	SP1G12
isGuarantStandService	Guaranteed Delivery by 5:00pm (*business days only*)	SP1GSS
isHazmat	Hazardous Material	SP1HA
isLGDelivery	Liftgate Delivery	SP1LD

Accessorials set to true in the payload will return the code and description in the accCodes array in the response:


```
"accCodes": [
    {
        "accessorial": "AF1",
        "charge": 15,
        "tariff": "158",
        "desc": "Appointment Fee",
        "accessorialDesc": ""
    }
]
```


Section 9 – Guaranteed Service Notes

All three Guaranteed Service options (9 am, Noon, and Standard) can be requested for a quote by setting the value of the corresponding field to true:


```
"isGuarantDelByNine": true,
"isGuarantDelByNoon": true,
"isGuarantStandService": true,
```


The fields “gsAMAvailable” and “gsNoonAvailable” in the response will return **true** when the service is available. Guaranteed Standard Service, however, does not have its own field in the response. It is available by default when Guaranteed delivery by Noon is true.

When Guaranteed services are available, the response will also include a “gsAMAmount”, “gsNoonAmount” and “gsStandardAmount” field, which represents the total amount for the quote with that Guaranteed Service included.


```
"gsAMAmount": "$611.36",
"gsAMAvailable": true,
"gsNoonAmount": "$529.84",
"gsNoonAvailable": true,
"gsStandardAmount": "$407.57",
```


The totalCharge field in the response will reflect the cost of the quote with the earliest available Guaranteed Service requested, for the lane being quoted:

```
"totalCharge": 611.36,
```


The specific charge for the Guaranteed Service quoted will be included in the accCodes array:


```
"accCodes": [
    {
        "accessorial": "SP1G9",
        "charge": 203.79,
        "tariff": "565.3",
        "desc": "Guaranteed by 9:00AM Delivery",
        "accessorialDesc": ""
    }
```


When guaranteed services are not available, the fields “gsAMAvailable” and “gsNoonAvailable” in the response will return **false**, and the “Amount” fields will read N/A (Guaranteed Standard Service is not available, because Service by Noon is not available):


```
"gsAMAmount": "N/A",
"gsAMAvailable": false,
"gsNoonAmount": "N/A",
"gsNoonAvailable": false,
"gsStandardAmount": "N/A",
```


Quotes with Guaranteed Services included, will have quote numbers that start with “G”.

Section 10 – API Function Post

Call

A **Post** call to the URL https://api.peninsulatruck.com/api/rate-quotes/v3.1/ with a **Bearer Token** will generate the requested Rate Quote. A JSON payload is required for this request.

Section	Field	Type	Required	Details	Example Data
Main body	customerNumber	STRING	No	Customer number for the quote - if not supplied, only default pricing will be returned	998899
	customerPricingType	STRING	Yes	'S’ (shipper), 'C' (consignee), or ‘B’ (bill to)	B
	destinationZip	STRING	Yes	Zip code where the freight is being delivered	61101
	fullValueInsurance	INTEGER	Yes	Full value of the freight for insurance	7500, 7500.00
	isAppointment	BOOLEAN	Yes	Appointment is required	true/false
	isGuarantDelByNine	BOOLEAN	Yes	Request Guaranteed delivery by 9am (business days only)	true/false
	isGuarantDelByNoon	BOOLEAN	Yes	Request Guaranteed delivery by Noon (business days only)	true/false
	isGuarantStandService	BOOLEAN	Yes	Request Guaranteed delivery by 5pm (business days only)	true/false
	isHazmat	BOOLEAN	Yes	Freight is Hazmat material	true/false
	isInsideDelivery	BOOLEAN	Yes	Inside delivery required	true/false
	isInsidePickup	BOOLEAN	Yes	Inside pickup required	true/false
	isJobSite	BOOLEAN	Yes	Job site delivery	true/false
	isLGDelivery	BOOLEAN	Yes	Liftgate delivery required	true/false

	isLGPickup	BOOLEAN	Yes	Liftgate pickup required	true/false
	isLimitedDelivery	BOOLEAN	Yes	Limited access delivery	true/false
	isLimitedPickup	BOOLEAN	Yes	Limited access pickup	true/false
	isNotifyBeforeDelivery	BOOLEAN	Yes	Require notification before delivery	true/false
	isPalletRated	BOOLEAN	Yes	Use customer defined pallet rating	true/false
	isResiDelivery	BOOLEAN	Yes	Residential delivery	true/false
	isResiPickup	BOOLEAN	Yes	Residential pickup	true/false
	linearFootRule	BOOLEAN	Yes	Freight uses linear foot rule (more than 4’ W and 12’ L)	true/false
	originZip	STRING	Yes	Zip code where freight is being picked up	98540
	overLengthInches	INTEGER	No	Length of the longest shipping item (in inches) if over 96"	140
	totalPalletWeight	INTEGER	Conditional	Total weight being pallet rated (in pounds)	2000
"dimensions" Array	dimensions		Conditional	dimensions' array definition	'dimensions':[]
	height	INTEGER	Yes	Height in inches, 96" maximum	54
	length	INTEGER	Yes	Class Rating: Length in inches cannot exceed 324" if width is greater than 50", otherwise 143" maximum	140
	palletCount	INTEGER	Conditional	Number of pallets	1
	width	INTEGER	Yes	Width in inches, 93" maximum	48
"load" Array	load		Conditional	load' array definition	'load':[]
	nmfcClass	STRING	Yes	NMFC Class for item(s)	100
	weight	INTEGER	Yes	Weight being shipped for this NMFC class, in pounds	600

Response

The expected response to the API call will look like:

Section	Field	Type	Details	Example Data
Main body	accessorialAmount	NUMERIC	Total charges for Accessorials on this shipment	20.00
	deficitExtension	NUMERIC	Charge for deficit weight	95.00, null
	deficitRate	NUMERIC	The per hundred weight rate for deficit weight	0.2, null
	deficitWeight	INTEGER	Additional weight added to allow shipment to be rated at the next cwt weight break	200, null
	destinationCity	STRING	City where the freight is being delivered	SEATTLE
	destinationState	STRING	State where the freight is being delivered	WA
	destinationTerminalID	STRING	ID of the terminal making the delivery	AUB
	destinationTerminalName	STRING	Name of the terminal making the delivery	AUBURN
	destinationZip	STRING	Zip code where the freight is being delivered	98114
	discountAmount	NUMERIC	Discount applied to the quote, in dollars	-241.00
	discountPercent	STRING	Discount Percent applied to the gross charge	60.0%
	fscAmount	NUMERIC	Fuel surcharge in dollars	27.52
	fscPercent	STRING	Fuel surcharge percentage	29.25%

	fullInsuranceValue	NUMERIC	Insured purchased for the shipment	7500.00
	grossCharge	NUMERIC	Gross charge for the quote, before discounts	1667.00
	gsAMAmount	STRING	Total charge if 9am guaranteed delivery is selected (business days only)	$415.00, N/A
	gsAMAvailable	BOOLEAN	Is 9 am guaranteed delivery available for this quote	true/false
	gsNoonAmount	STRING	Total charge if Noon guaranteed delivery is selected (business days only)	$375.00, N/A
	gsNoonAvailable	BOOLEAN	Is Noon guaranteed delivery available for this quote	true/false
	gsStandardAmount	STRING	Total charge if 5pm guaranteed delivery is selected (business days only)	$225.00, N/A
	isPalletRated	BOOLEAN	Is this quote pallet rated	true/false
	isPartnerDirectService	BOOLEAN	Is this route fulfilled with a partner carrier	true/false
	isPeninsulaDirectService	BOOLEAN	Is this route fulfilled by Peninsula	true/false
	minimumFlag	STRING	Identifying marker to know if a minimum was applied	Y or blank
	originCity	STRING	City where the freight is being picked up	AUBURN
	originState	STRING	State where the freight is being picked up	WA
	originTerminalID	STRING	ID of the terminal making the pick-up	AUB
	originTerminalName	STRING	Name of the terminal making the pick-up	AUBURN
	originZip	STRING	Zip code where the freight is being picked up	98001
	ourCompanyName	STRING	Peninsula’s company name	Peninsula Truck Lines, Inc.
	ourFaxNumber	STRING	Peninsula’s fax number	253-929-2041
	ourMailingAddress1	STRING	Peninsula’s mailing address 1	33455 6th Ave S
	ourMailingAddress2	STRING	Peninsula’s mailing address 2	Suite 2A
	ourMailingCity	STRING	Peninsula’s city	Federal Way
	ourMailingCSZ	STRING	Peninsula’s city, state and zip code	Federal Way, WA 98003
	ourMailingState	STRING	Peninsula’s state	WA
	ourMailingZip	STRING	Peninsula’s zip code	98003
	ourPhoneNumber	STRING	Peninsula’s phone number	253-929-2000
	ourTollFreeNumber	STRING	Peninsula ‘s toll free number	800-942-9909
	palletCount	INTEGER	Total pallets quoted	2, null
	palletOverSizeCharge	NUMERIC	Charge for oversize pallets, in dollars	1178.00, null
	palletOverSizeDimension	STRING	Dimensions of oversize pallets	1-96x144x48,1-96x132x48
	palletOverweightCharge	NUMERIC	Charge for overweight pallets in dollars	239.00, null
	palletWeight	INTEGER	Total weight of pallets, in pounds	6000, null
	printDateTime	STRING	Date and time the quote was generated	2024-12-19 07:05am
	quoteDate	STRING	Date of the quote	2024-12-19
	quoteNumber	STRING	Quote number	W695409
	quoteExpiration	STRING	Date the quote expires	2025-01-03
	ratedAsWeight	STRING	Shipment weight used for rating	6000
	serviceType	STRING	Direct' via Peninsula or 'Indirect' via partner carrier	Direct, Indirect

	tariff	STRING	Tariff code for quote	125P, 500-24
	totalCharge	NUMERIC	Total charge for quote, after discounts, in dollars	1426.00
	totalWeight	NUMERIC	Total weight of Shipment	6000
	transitTime	INTEGER	Days required for delivery	1
"accCodes" Array	ratedAccCodes		"accCodes" definition	"accCodes": []
	accessorial	STRING	Accessorial code for shipment	SP1LD
	accessorialDesc	STRING	Secondary accessorial description	
	charge	NUMERIC	Charge for accessorial	20.00
	desc	STRING	Accessorial description	Liftgate Delivery Charge
	tariff	STRING	Tariff code	574
"rateItems" Array			"rateItems" definition	"rateItems": []
	class	STRING	NMFC class for this rate item	50
	code	STRING	Peninsula code for this rate item	OVRSIZE
	extension	STRING	Dollar amount for this rate item	$1,178.00
	rate	STRING	Dollar amount per hundred weight for this rate item	
	weight	NUMERIC	Weight for this rate item	NULL
"transitMatrix" Array			"transitMatrix" definition	"transitMatrix":[]
	delivery	STRING	Day the delivery can be made	Monday Of Week Following Delivery
	pickup	STRING	Day the pickup can be made	Monday
	serviceDays	INTEGER	Transit days for this selection	5
Footer	apiStart	STRING	System time the call was initiated	2024-12-19 07:05:51.707
	apiTime	STRING	Length of API call	0.032
	system	STRING	System responding to the API request	Sandbox, Production
	status	STRING	Status of the API call	ok, OverSize
	statusMsg	STRING	Error, if applicable	“This shipment requires special pricing”
	statusNbr	NUMERIC	Response status code	200, 416

Section 11 – Example Payload

Call (as cURL):

```
curl --location 'https://api.peninsulatruck.com/api/rate-quotes/v3.1' \
--header 'xaggregatorcode: <Aggregator Token>' \
--header 'Content-Type: application/json' \
--header 'Authorization: ••••••' \
--data ' {
    "originZip": 98032,
    "destinationZip": "98144",
    "load": [
```

```
        {
            "nmfcClass": 77.5,
            "weight": 2500
        }
    ],
    "isPalletRated": false,
    "fullValueInsurance": 0,
    "overLengthInches": 140,
    "isAppointment": false,
    "isHazmat": false,
    "isInsideDelivery": false,
    "isInsidePickup": false,
    "isJobSite": false,
    "isLGDelivery": false,
    "isLGPickup": false,
    "isLimitedDelivery": false,
    "isLimitedPickup": false,
    "isNotifyBeforeDelivery": false,
    "isResiDelivery": false,
    "isResiPickup": false,
    "isGuarantDelByNine": false,
    "isGuarantDelByNoon": false,
    "isGuarantStandService": false,
    "loadType": "",
    "customerNumber": "123456",
    "customerPricingType": "S",
    "linearFootRule": false,
    "totalPalletWeight": null,
    "dimensions": [
        {
             "length": 140,
             "width": 48
              "height": 48,
             "palletCount": null,
        }
    ]
}
```


Section 12 – Example Response


```
{
    "accessorialAmount": 120,
    "deficitExtension": null,
    "deficitRate": null,
    "deficitWeight": null,
    "destinationCity": "ELMHURST",
    "destinationState": "IL",
    "destinationTerminalID": "DES",
    "destinationTerminalName": "DES MOINES",
    "destinationZip": "60126",
    "discountAmount": -3623.5,
```

```
"discountPercent": "50.0%",
"fscAmount": 1050.82,
"fscPercent": "29.00%",
"fullInsuranceValue": 0,
"grossCharge": 7247,
"gsAMAmount": "N/A",
"gsAMAvailable": false,
"gsNoonAmount": "N/A",
"gsNoonAvailable": false,
"gsStandardAmount": "N/A",
"isPalletRated": false,
"isPartnerDirectService": true,
"isPeninsulaDirectService": false,
"minimumFlag": "",
"originCity": "KENT",
"originState": "WA",
"originTerminalID": "AUB",
"originTerminalName": "AUBURN",
"originZip": "98032",
"ourCompanyName": "PENINSULA TRUCK LINES, INC.",
"ourFaxNumber": "253-929-2041",
"ourMailingAddress1": "33455 6th Ave S",
"ourMailingAddress2": "Suite 2A",
"ourMailingCity": "Federal Way",
"ourMailingCSZ": "Federal Way, WA 98003",
"ourMailingState": "WA",
"ourMailingZip": "98003",
"ourPhoneNumber": "253-929-2000",
"ourTollFreeNumber": "800-942-9909",
"palletCount": null,
"palletOverSizeCharge": null,
"palletOverSizeDimension": "",
"palletOverweightCharge": null,
"palletWeight": null,
"printDateTime": "2025-08-01 10:38am",
"quoteDate": "2025-08-01",
"quoteNumber": "W123456",
"quoteExpiration": "2025-08-16",
"ratedAsWeight": 2500,
"serviceType": "Indirect",
"tariff": "500-24",
"totalCharge": 4794.32,
"totalWeight": 2500,
"transitTime": 5,
"accCodes": [
    {
        "accessorial": "OL18",
        "charge": 120,
        "tariff": "578",
        "desc": "Long Articles Charge",
        "accessorialDesc": ""
    }
```

```
    ],
    "rateItems": [
        {
            "class": "77.5",
            "rate": "$289.88",
            "extension": "$7,247.00",
            "weight": 2500,
            "code": ""
        }
    ],
    "transitMatrix": [
        {
            "pickup": "MONDAY",
            "delivery": "MONDAY OF WEEK FOLLOWING PICKUP",
            "serviceDays": 5
        },
        {
            "pickup": "TUESDAY",
            "delivery": "MONDAY OF WEEK FOLLOWING PICKUP",
            "serviceDays": 4
        },
        {
            "pickup": "WEDNESDAY",
            "delivery": " TUESDAY OF WEEK FOLLOWING PICKUP ",
            "serviceDays": 4
        },
        {
            "pickup": "THURSDAY",
            "delivery": "TUESDAY OF WEEK FOLLOWING PICKUP",
            "serviceDays": 3
        },
        {
            "pickup": "FRIDAY",
            "delivery": "TUESDAY OF WEEK FOLLOWING PICKUP",
            "serviceDays": 2
        }
    ],
    "apiStart": "2025-08-01 13:13:05.111",
    "apiTime": 0.455,
    "system": "Development",
    "statusNbr": 200,
    "status": "ok",
    "statusMsg": ""
}
```

Section 13 – Using the Sandbox

During initial setup, and when updating your connections to the public API, it is recommended that you make use of a Sandbox API key to validate your payloads are properly formatted, as well as returning sample responses you can use for validating logic you may have for parsing information from the API.

The successful responses from the Sandbox are pre-generated and not based on the data submitted in your payload.

When using the Sandbox, the API will validate that all required fields are present and the data in each field is consistent with the type and formatting required. It will return an error response that would have been generated had you been using a Production API key.

You can use the Sandbox responses to refine your payloads and make sure they'll be acceptable when submitted for pickup by the Production API.

In addition, the Sandbox is looking for every field possible in the payload, even if not logically required for the request being submitted and will use the status fields in the footer to pass information about what appears to be missing. Missing fields are not necessarily an error, so this feedback is included along with the successful response. Additional fields included in the payload that are not used by the API are ignored and no report is returned on them.

There are 5 sample responses:

1. Standard Class Rated Response - A standard class rated quote with default pricing
2. Standard Pallet Rated Response - A standard pallet rated quote with default pricing
3. Standard Class Rated Response With Transit Matrix - A quote with data in the **transitMatrix** array
4. Standard Class Rated Response With Accepted Guaranteed Service - A quote with accepted guaranteed service
5. Special Response Showing All Accessorial Responses - A quote returning every value that should be anticipated in the **accCodes** array (*note: it is not possible to get all codes returned at once thorugh the Production API*)

The sandbox API will cycle through these responses (in order) for every payload submitted that doesn't produce an error.