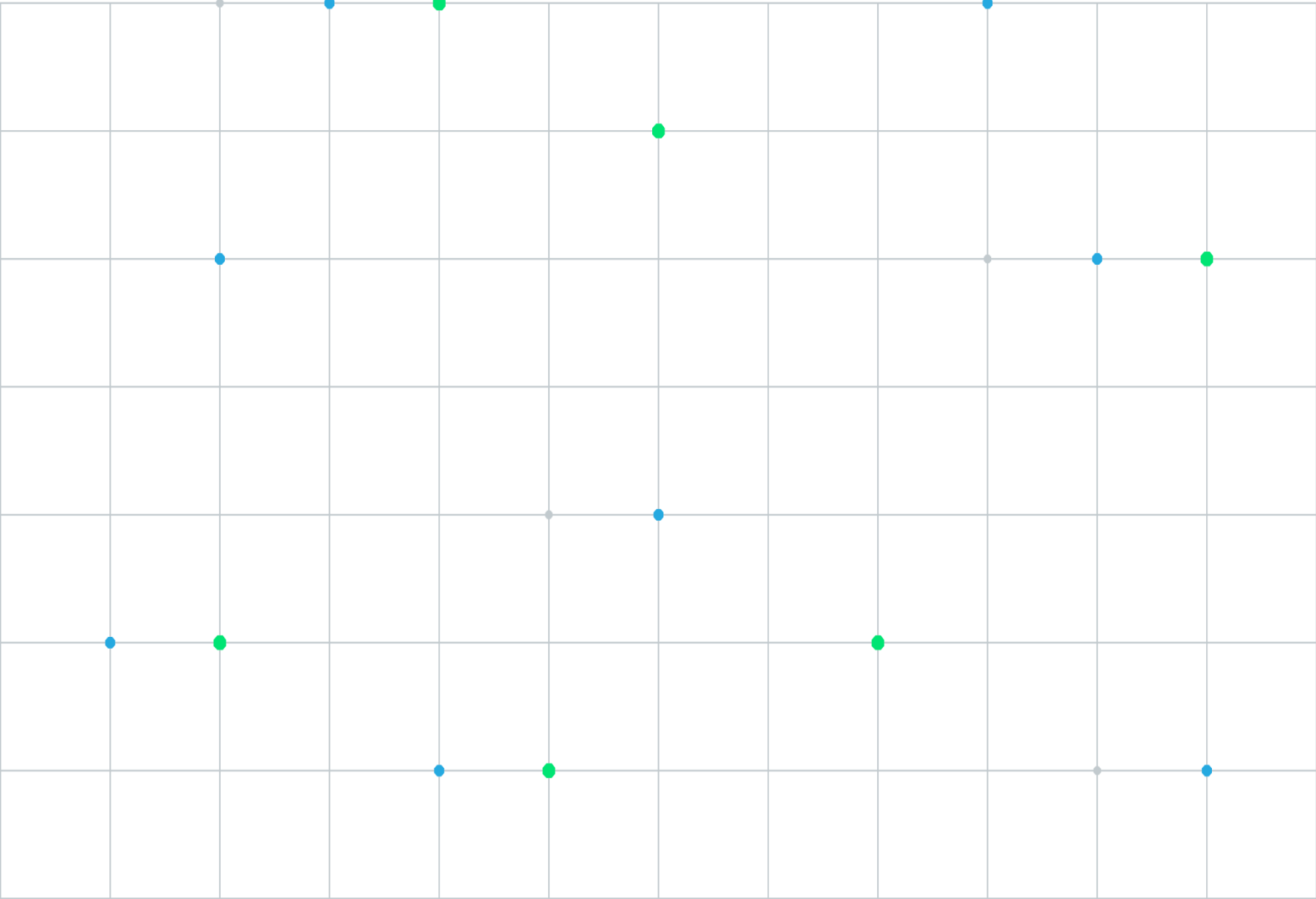


AutoCert+ Order Entry API User Manual

August 18, 2026



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Table of Contents

Getting Started	5
What's New	5
Interview	6
Limit Order Test	7
Market Order Test	7
Market to Limit Order Test	8
Stop Order Test	8
Stop Limit Order Test	9
Day Order Test	9
Fill and Kill Order Test	10
Fill or Kill Order Test	10
Good till Cancel Order Test	11
Good till Date Order Test	11
Manual Indicator for Manual System	12
Manual Indicator for ATS System	12
Manual Indicator for Semi-Automated System	13
Manage Display Quantity Test	13
Update Order Test	14
Cancel Order Test	14
UDS Combo Creation Test	15
UDS Combo Creation and Get Instrument Test	16
Covered UDS Creation Test	17
Covered UDS Creation and Get Instrument Test	17
Get Order Test	18
Get Canceled Order Test	18
Search For Order Using Customer Account Identifier	19
Search For Order Using Customer Order Identifier	20
Search For Order Using Order Status	20
Search For Order Using Symbol	21
Search For Order Without Using Search Criteria	21
Get Trade Test	22
Search For Trade Using Customer Account Identifier	23
Search For Trade Using Customer Order Identifier	23
Search For Trade Using Start Time and End Time	24
Search For Trade Using Symbol	25
Search For Trade Using Venue Order Identification	25
Search For Trade Without Using Search Criteria	26
(No Order Entry) Get Order Test	27
(No Order Entry) Get Canceled Order Test	27
(No Order Entry) Search For Order Using Customer Account Identifier	28
(No Order Entry) Search For Order Using Customer Order Identifier	29
(No Order Entry) Search For Order Using Order Status	29
(No Order Entry) Search For Order Using Symbol	30
(No Order Entry) Search For Order Without Using Search Criteria	30

(No Order Entry) Get Trade Test	31
(No Order Entry) Search For Trade Using Customer Account Identifier	32
(No Order Entry) Search For Trade Using Customer Order Identifier	32
(No Order Entry) Search For Trade Using Start Time and End Time	33
(No Order Entry) Search For Trade Using Symbol	33
(No Order Entry) Search For Trade Using Venue Order Identification	34
(No Order Entry) Search For Trade Without Using Search Criteria	35

Getting Started

The AutoCert+ tool is an automated testing tool for validating application functionality. It provides an easy-to-use web interface for walking through CME Group certification scenarios.

To facilitate the process of connecting a customer application, CME Group provides a dedicated certification environment to allow customers to test their systems before they complete certification.

Certification session details will be assigned and forwarded to the customer, including certification target locations and firm / user Identifiers.

This Help system accompanies the AutoCert+ Order Entry API test suite.

The purpose of the test is to confirm that customers can connect to the REST Order Entry API V1 and process business messages. Certification is required for customers that will use the REST Order Entry API V1 functionality.



Note: Before beginning this test suite, ensure an [API ID](#) is created in Customer Center.



To run and navigate AutoCert+:

1. [Log in](#) to the automated certification tool.
2. Review general AutoCert+ test suite [navigation](#) and [general interview](#) information.
3. Navigate to the AutoCert+ Order Entry API test suite.

- a. Select a **Company Name**.
 - b. For **Market**, select *Futures & Options*.
 - c. For **Purpose**, select *REST Order Entry API V1*.
 - d. Select an **Application System**. Use the refresh () button to update the list to include recently created Application Systems.
 - e. For **Test Suite**, select *REST Order Entry API V1*.
 - f. Select an Identifier and API ID.
4. Complete the [Interview](#) for this test suite.
 5. Complete applicable **test cases**.
 6. Complete the certification process from the [Post Certification](#) tab.

What's New

The list below illustrates the updates made to the AutoCert+ Order Entry API Help system.

Date	Topic	Description
August 18, 2026	All	initial release

Interview

The interview consists of a series of questions about your trading application. You must complete the pre-certification interview before running the test cases.

Based on your responses, certain tests are required and others are optional.

▶ **To complete the interview:**

Answer each question, then select **Complete** when finished.

[View Interview screen](#)

Interview
Test Suite
Test Case
Post Certification
Help

Will your application support Order Entry?
☒ Yes
☐ No

How will your application send orders?
☐ Manual
☒ Automated
☐ Semi-Automated

Which Order Type will your application support?
☒ Limit Order
☒ Market Order
☒ Market-To-Limit Order
☒ Stop order (For Futures Instruments Only)
☒ Stop-Limit order (For Futures Instruments Only)

Which Order Duration Type will your application support?
☒ Day
☒ Fill-And-Kill
☒ Fill-Or-Kill
☒ Good-Till-Cancel
☒ Good-Till-Date

Will your application support Display Quantity functionality?
☒ Yes
☐ No

Will your application support Update Order?
☒ Yes
☐ No

Will your application support Cancel Order?
☒ Yes
☐ No

Will your application support User-Defined Spreads (UDS) creation?
☒ Yes
☐ No

Will your application support forward redirect after created an User-Defined Spreads (UDS) to get the instrument?
☒ Yes
☐ No

Which User-Defined Spreads (UDS) creation will your application support?
☒ UDS Combo
☒ Covered UDS

Will your application support Get Canceled Order using Venue Order ID?
☒ Yes
☐ No

Will your application support Search for Orders?
☒ Yes
☐ No

Which Search for Orders criteria will your application support?
☒ Customer Account Identifier
☒ Customer Order Identifier
☒ Status
☒ Symbol
☒ None (Search for all Orders)

Will your application support Get Trade using Venue Execution ID?
☒ Yes
☐ No

Will your application support Search for Trades?
☒ Yes
☐ No

Which Search for Trades criteria will your application support?
☒ Customer Account Identifier
☒ Customer Order Identifier
☒ Start Time and End Time
☒ Symbol
☒ Venue Order Identifier
☒ None (Search for all Trades)

Please acknowledge that you are supporting and have selected at least one functionality.
☒ Acknowledge
☐ Not Acknowledge

Complete

Limit Order Test

The purpose of this test is to verify that the client system can submit orders and process corresponding responses for the Limit Order type. This test case is mandatory if you selected **Limit Order** in the interview question **Which Order Type will your application support?**

► **To run a Limit Order test:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Send a [Limit Order](#) (type=LIMIT).
2. Receive and process the [Order Response](#) message. Enter the Venue Order ID provided in the text field.

Steps of the test: Limit Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can submit orders and process corresponding responses for Limit Order.

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocertoeapi/api/v1/orders
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send a Limit Order.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested

Key: @ not tested ● complete ● pending ● failed

(Test results will automatically refresh for up to 2 minutes)

Market Order Test

The purpose of this test is to verify that the client system can submit orders and process corresponding responses for the Market Order type. This test case is mandatory if you selected **Market Order** in the interview question **Which Order Type will your application support?**

► **To run a Market Order test:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Send a [Market Order](#) (type=MARKET). Please use a contract with liquidity in the NR test environment to receive HTTP Response 201 Order Response Message in Step 2.
2. Receive and process HTTP Response 201 [Order Response](#) Message.

Steps of the test: Market Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can submit orders and process corresponding responses for Market Order.

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocertoeapi/api/v1/orders
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send a Market Order. Please use a contract with liquidity in the NR test environment to receive HTTP Response 201 Order Response Message in step 2.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested

Key: @ not tested ● complete ● pending ● failed

(Test results will automatically refresh for up to 2 minutes)

Market to Limit Order Test

The purpose of this test is to verify that the client system can submit orders and process corresponding responses for the Market to Limit Order type. This test case is mandatory if you selected **Market to Limit Order** in the interview question **Which Order Type will your application support?**

► **To run a Market to Limit Order test:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Send a [Market to Limit Order](#) (type=MARKET_TO_LIMIT). Please use a contract with liquidity in the NR test environment to receive an HTTP Response 201 Order Response message in Step 2.
2. Receive and process an HTTP Response 201 [Order Response](#) message.

Steps of the test: Market to Limit Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can submit orders and process corresponding responses for Market to Limit Order.

Category	Value
POST Submit Order API URL	https://markets.api.qa.cmeigroup.com/autocert/oeapi/api/v1/orders
CME Reference Data API Instrument URL	https://refdata.api.usat.cmeigroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send a Market to Limit Order. Please use a contract with liquidity in the NR test environment to receive HTTP Response 201 Order Response Message in step 2.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested

Key: not tested complete pending failed

REFRESH

Stop Order Test

The purpose of this test is to verify that the client system can submit orders and process corresponding responses for the Stop Order type. This test case is mandatory if you selected **Stop Order** in the interview question **Which Order Type will your application support?**

► **To run a Stop Order test:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Send a [Stop Order](#) (type=STOP, stopPrice).
2. Receive and process an HTTP Response 201 [Order Response](#) message.

Steps of the test: Stop Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can submit orders and process corresponding responses for Stop Order.

Category	Value
POST Submit Order API URL	https://markets.api.usat.cmeigroup.com/autocert/oeapi/api/v1/orders
CME Reference Data API Instrument URL	https://refdata.api.usat.cmeigroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send a Stop Order.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested

Key: not tested complete pending failed

(Test results will automatically refresh for up to 2 minutes)

Stop Limit Order Test

The purpose of this test is to verify that the client system can submit orders and process corresponding responses for the Stop Limit Order type. This test case is mandatory if you selected **Stop Limit Order** in the interview question **Which Order Type will your application support?**

► To run a Stop Limit Order test:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Send a [Stop Limit Order](#) (type=STOP_LIMIT, stopPrice).
2. Receive and process an HTTP Response 201 [Order Response](#) message.

Steps of the test: Stop Limit Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can submit orders and process corresponding responses for Stop Limit Order.

Category	Value
POST Submit Order API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/api/v1/orders
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send a Stop Limit Order.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested

Key: @ not tested ● complete ● pending ● failed

REFRESH

Day Order Test

The purpose of this test is to verify that the client system can submit orders and process corresponding responses for a Day Order. This test case is mandatory if you selected **Day** in the interview question **Which Order Duration type will your application support?**

► To run a Day Order test:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Send a [Day Order](#) (durationType=DAY).
2. Receive and process an HTTP Response 201 [Order Response](#) message.

Steps of the test: Day Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can submit orders and process corresponding responses for Day Order.

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/api/v1/orders
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send a Day Order.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested

Key: @ not tested ● complete ● pending ● failed

(Test results will automatically refresh for up to 2 minutes)

Fill and Kill Order Test

The purpose of this test is to verify that the client system can submit orders and process corresponding responses for order duration type Fill and Kill. This test case is mandatory if you selected **Fill and Kill** in the interview question **Which Order Duration type will your application support?**

► **To run a Fill and Kill Order test:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Send a [Fill and Kill](#) order (durationType=FILL_AND_KILL). Please use a contract with liquidity in the NR test environment to receive an HTTP Response 201 Order Response Message in Step 2.
2. Receive and process an HTTP Response 201 [Order Response](#) Message.

Steps of the test: Fill and Kill Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit orders and process corresponding responses for FAK Order.

Category	Value
POST Submit Order API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/api/v1/orders
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send a Fill and Kill Order. Please use a contract with liquidity in the NR test environment to receive HTTP Response 201 Order Response Message in step 2.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested

Key: ● not tested ● complete ● pending ● failed

REFRESH

Fill or Kill Order Test

The purpose of this test is to verify that the client system can submit orders and process corresponding responses for order duration type Fill or Kill. This test case is mandatory if you selected **Fill or Kill** in the interview question **Which Order Duration type will your application support?**

► **To run a Fill or Kill order test:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Send a [Fill or Kill](#) order (durationType=FILL_OR_KILL). Please use a contract with liquidity in the NR test environment to receive an HTTP Response 201 Order Response Message in Step 2.
2. Receive and process an HTTP Response 201 [Order Response](#) Message.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Fill or Kill Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit orders and process corresponding responses for FOK Order.

Category	Value
POST Submit Order API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/api/v1/orders
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send a Fill or Kill Order. Please use a contract with liquidity in the NR test environment to receive HTTP Response 201 Order Response Message in step 2.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested

Key: @ not tested ● complete ● pending ● failed

REFRESH

Good till Cancel Order Test

The purpose of this test is to verify that the client system can submit orders and process corresponding responses for order duration type Good till Cancel. This test case is mandatory if you selected **Good till Cancel** in the interview question **Which Order Duration Type will your application support?**

► To run a Good till Cancel order test:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Send a [Good till Cancel Order](#) (durationType=GOOD_TILL_CANCEL).
2. Receive and process an HTTP Response 201 [Order Response](#) Message.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Good till Cancel Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit orders and process corresponding responses for GTC Order.

Category	Value
POST Submit Order API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/api/v1/orders
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send a Good till Cancel Order.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested

Key: @ not tested ● complete ● pending ● failed

REFRESH

Good till Date Order Test

The purpose of this test is to verify that the client system can submit orders and process corresponding responses for order duration type Good till Date. This test case is mandatory if you selected **Good till Date** in the interview question **Which Order Duration type will your application support?**

► To run a Good till Date order test:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Send a [Good till Date Order](#) (durationType=GOOD_TILL_DATE).
2. Receive and process an HTTP Response 201 [Order Response](#) Message.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Good till Date Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can submit orders and process corresponding responses for GTD Order.

Category	Value
POST Submit Order API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/api/v1/orders
CME Reference Data API Instrument URL	https://refdata.api.usat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send a Good till Date Order.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested

Key: not tested complete pending failed

REFRESH

Manual Indicator for Manual System

The purpose of this test case is to verify how a customer is using Manual Indicator. This test case is mandatory if you selected **Manual** in the interview question **How will your application send orders?**

► To run a Manual Indicator for Manual System test:

Note: For additional information and order entry message specifications, refer to the links in the below procedure.

1. Send an [Order](#) with Manual Indicator (manualInd) set to YES.
2. Receive and process an HTTP Response 201 [Order Response](#) Message.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Manual Indicator for Manual system Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test case is to verify how customer is using Manual Indicator.

Category	Value
POST Submit Order API URL	https://markets.api.usat.cmegroup.com/autocert/oeapi/api/v1/orders
CME Reference Data API Instrument URL	https://refdata.api.usat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send an Order with Manual Indicator set to Yes for Manual System.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested

Key: not tested complete pending failed

(Test results will automatically refresh for up to 2 minutes)

Manual Indicator for ATS System

The purpose of this test case is to verify how a customer is using Manual Indicator for their Automated Trading System (ATS). This test case is mandatory if you selected **Automated** in the interview question **How will your application send orders?**

► To run a Manual Indicator for ATS System test:

Note: For additional information and order entry message specifications, refer to the links in the below procedure.

1. Send an [Order](#) with Manual Indicator (manualInd) set to NO.
2. Receive and process an HTTP Response 201 [Order Response](#) Message.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Manual Indicator for Automated system Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test case is to verify how customer is using Manual Indicator.

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autoert/oeapi/api/v1/orders
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Notes: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send an Order with Manual Indicator set to No for Automated System.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested

Key: @ not tested ● complete ● pending ● failed

(Test results will automatically refresh for up to 2 minutes)

Manual Indicator for Semi-Automated System

The purpose of this test case is to verify how a customer is using Manual Indicator. This test case is mandatory if you selected **Semi-Automated** in the interview question **How will your application send orders?**

► **To run a Manual Indicator for Semi-Automated System test:**

Note: For additional information and order entry message specifications, refer to the links in the below procedure.

1. Send an [Order](#) with Manual Indicator (manualInd) set to YES for a manual order.
2. Receive and process an HTTP Response 201 [Order Response](#) Message.
3. Send an [Order](#) with Manual Indicator set to NO for an automated order.
4. Receive and process an HTTP Response 201 [Order Response](#) Message.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Manual Indicator for Semi-Automated system Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test case is to verify how customer is using Manual Indicator.

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autoert/oeapi/api/v1/orders
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Notes: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send an Order with Manual Indicator set to Yes for Manual Order.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested
3 Send an Order with Manual Indicator set to No for Automated Order.		Not Tested
4 Received and Process HTTP Response 201 Order Response Message.		Not Tested

Key: @ not tested ● complete ● pending ● failed

(Test results will automatically refresh for up to 2 minutes)

Manage Display Quantity Test

The purpose of this test is to verify that the client system can submit an order with Display Quantity. This test case is mandatory if you selected **Yes** in the interview question **Will your application support Display Quantity functionality?**

► **To run a Manage Display Quantity test:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Send a Limit Day [Order](#) (type=LIMIT, durationType=DAY) with a quantity (qty) greater than 4 with Display Quantity (displayQty) greater than 2.
2. Receive and process an HTTP response 201 [Order Response](#) Message.

Steps of the test: Manage Display Quantity Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can submit an order with Display Quantity

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/orders
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send a Limit Day Order with a Quantity greater than 4 and Display Quantity greater than 2.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested

Key: @ not tested ● complete ● pending ● failed

(Test results will automatically refresh for up to 2 minutes)

Update Order Test

The purpose of this test is to verify that the client system can submit an order and update it. This test case is mandatory if you selected **Yes** in the interview question **Will your application support Update Order?**

► To run an Update Order test:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. [Send an order](#) that will stay working in the market.
2. Receive and process an HTTP Response 201 [Order Response](#) message. In the text field, enter the Venue Order ID.
3. Send an [Update Order](#) changing the price (price) and quantity (qty) for the Venue Order ID received in Step 2. Select **Yes** if you received and processed an HTTP Response 204 [Order Response](#) message or **No** if you did not.

Steps of the test: Update Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can submit an order and update it

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/orders
PUT Update Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/orders/{venueOrderId}
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send an order that will stay working in the market.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested
3 Send an Update Order changing the price and quantity for the Venue Order ID received in step 2. Received and Process HTTP Response 204.		Not Tested

Key: @ not tested ● complete ● pending ● failed

(Test results will automatically refresh for up to 2 minutes)

Cancel Order Test

The purpose of this test is to verify that the client system can submit an order and cancel it. This test case is mandatory if you selected **Yes** in the interview question **Will your application support Cancel Order?**

► To run a Cancel Order test:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. [Send an order](#) that will stay working in the market.
2. Receive and process an HTTP Response 201 [Order Response](#) Message. In the text field, enter the Venue Order ID.
3. Send a [Cancel Order](#) for the Venue Order ID received in step 2. Select **Yes** if you received and processed an [HTTP Response 204](#) or **No** if you did not.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Cancel Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit an order and cancel it.

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/api/v1/orders
DELETE Cancel Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/api/v1/orders/{venueOrderId}
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send an order that will stay working in the market.		Not Tested
2 Received and Process HTTP Response 201 Order Response Message.		Not Tested
3 Send a Cancel Order for the Venue Order ID received in step 2. Received and Process HTTP Response 204.		Not Tested

Key: not tested complete pending failed

(Test results will automatically refresh for up to 2 minutes).

UDS Combo Creation Test

The purpose of this test is to verify that the client system can send a submit instrument message to create a UDS Combo. This test case is mandatory if you selected **Yes** in the interview question **Will your application support forward redirect after creating User-Defined Spreads (UDS) to get the instrument?** and **UDS Combo** in the interview question **Which User-Defined Spreads (UDS) creation will your application support?**

► **To run a UDS Combo Creation test:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Send a [Submit Instrument](#) request to create a UDS Combo instrument. Select **Yes** if you received and processed an [HTTP Response 202](#) or **No** if you did not.
2. Send a [Get Instrument Creation Status](#) on the request-status ID received in Step 1.
3. Receive and process an HTTP Response 200 [Instrument Response](#) message. In the text field enter the symbol received.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: UDS Combo Creation Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can send submit instrument message to create UDS Combo

Category	Value
POST Submit New Instrument API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/api/v1/instruments
GET Instrument Creation Status API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/api/v1/instruments/request-status/{id}
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send a Submit Instrument request to create a UDS Combo instrument. Received and Process HTTP Response 202.		Not Tested
2 Send a Get Instrument Creation Status on the request-status ID received in step 1.		Not Tested
3 Received and Process HTTP Response 200 Instrument Response Message.		Not Tested

Key: not tested complete pending failed

UDS Combo Creation and Get Instrument Test

The purpose of this test is to verify that the client system can send submit instrument message to create a UDS Combo and Get the Instrument. This test case is mandatory if you selected **No** in the interview question **Will your application support forward redirect after creating User-Defined Spreads (UDS) to get the instrument?** and **UDS Combo** in the interview question **Which User-Defined Spreads (UDS) creation will your application support?**

► **To run a Combo Creation and Get Instrument test:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Send a [Submit Instrument](#) request to create a UDS Combo instrument. Select **Yes** if you received and processed an [HTTP Response 202](#) or **No** if you did not.
2. Send a [Get Instrument Creation Status](#) on the request-status ID received in Step 1.
3. Send a [Get Instrument](#) request using Security ID received in Step 2.
4. Receive and process an HTTP Response 200 [Instrument Response](#) message. In the text field enter the symbol received.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: UDS Combo Creation and Get Instrument Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can send submit instrument message to create UDS Combo and Get the instrument

Category	Value
POST Submit New Instrument API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/api/v1/instruments
GET Instrument Creation Status API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/api/v1/instruments/request-status/{id}
GET Instrument API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/api/v1/instruments/{id}
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send a Submit Instrument request to create a UDS Combo instrument. Received and Process HTTP Response 202.		Not Tested
2 Send a Get Instrument Creation Status on the request-status ID received in step 1. Received and Process HTTP Response 303.		Not Tested
3 Send a Get Instrument request using Security ID received in step 2.		Not Tested
4 Received and Process HTTP Response 200 Instrument Response Message.		Not Tested

Key: not tested complete pending failed

REFRESH

Covered UDS Creation Test

The purpose of this test is to verify that the client system can send a submit instrument message to create a Covered UDS. This test case is mandatory if you selected **Yes** in the interview question **Will your application support forward redirect after creating User-Defined Spreads (UDS) to get the instrument?** and **Covered UDS** in the interview question **Which User-Defined Spreads (UDS) creation will your application support?**

▶ **To run a Covered UDS Creation test:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Send a [Submit Instrument](#) request to create a Covered UDS instrument. Select **Yes** if you received and processed an HTTP Response 202 [Instrument Response](#) message or **No** if you did not.
2. Send a [Get Instrument Creation Status](#) on the request-status ID received in Step 1.
3. Receive and process an HTTP Response 200 [Instrument Response](#) message. In the text field enter the symbol received.

Steps of the test: Covered UDS Creation Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can send submit instrument message to create Covered UDS

Category	Value
POST Submit New Instrument API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/api/v1/instruments
GET Instrument Creation Status API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/api/v1/instruments/request-status/{id}
CME Reference Data API Instrument URL	https://refdata.api.usat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send a Submit Instrument request to create a Covered UDS instrument. Received and Process HTTP Response 202.		Not Tested
2 Send a Get Instrument Creation Status on the request-status ID received in step 1.		Not Tested
3 Received and Process HTTP Response 200 Instrument Response Message.		Not Tested

Key: not tested complete pending failed

REFRESH

Covered UDS Creation and Get Instrument Test

The purpose of this test is to verify that the client system can send a submit instrument message to create a Covered UDS and Get the Instrument. This test case is mandatory if you selected **No** in the interview question **Will your application support forward redirect after creating User-Defined Spreads (UDS) to get the instrument?** and **Covered UDS** in the interview question **Which User-Defined Spreads (UDS) creation will your application support?**

▶ **To run a Covered UDS Creation and Get Instrument test:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Send a [Submit Instrument](#) request to create a Covered UDS instrument. Select **Yes** if you received and processed an HTTP Response 202 [Instrument Response](#) message or **No** if you did not.
2. Send a [Get Instrument Creation Status](#) on the request-status ID received in Step 1. Receive and Process an HTTP Response 303 [Instrument Response](#) message.
3. Send a [Get Instrument](#) request using Security ID received in Step 2.
4. Receive and process an HTTP Response 200 [Instrument Response](#) message. In the text field enter the symbol received.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Covered UDS Creation and Get Instrument Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can send submit instrument message to create Covered UDS and Get the instrument

Category	Value
POST Submit New Instrument API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/api/v1/instruments
GET Instrument Creation Status API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/api/v1/instruments/request-status/{id}
GET Instrument API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/api/v1/instruments/{id}
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Send a Submit Instrument request to create a Covered UDS instrument. Received and Process HTTP Response 202.		Not Tested
2 Send a Get Instrument Creation Status on the request-status ID received in step 1. Received and Process HTTP Response 303.		Not Tested
3 Send a Get Instrument request using Security ID received in step 2.		Not Tested
4 Received and Process HTTP Response 200 Instrument Response Message.		Not Tested

Key: not tested complete pending failed

REFRESH

Get Order Test

The purpose of this test is to verify that the client system can submit a Get Order Request using CME Globex venue order ID. This test case is mandatory if you selected **Yes** in the interview question **Will your application support Order Entry?**

► To run a Get Order test:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. After clicking START TEST, please make sure you successfully sent an order and received a valid Venue Order ID (venueOrderID). Once this is done, please click on the **Yes** button to proceed to Step 2 Get Order request.
2. Send a [Get Order request](#) using the Venue Order ID.
3. Receive and process an [HTTP Response 200](#). In the text field enter the status received.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Get Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can submit get order request using CME Globex venue order ID

Please assign an identifier and if required, please make sure a valid instrument is selected prior executing a test case.

Description	Flag	Status
1 After clicking START TEST, please ensure you have successfully sent an order and received a valid Venue Order ID. Once this is done, please click on the Yes button to proceed to step 2 Get Order request.		Not Tested
2 Send a Get Order request using Venue Order ID.		Not Tested
3 Received and Process HTTP Response 200 Order Response Message.		Not Tested

Key: not tested complete pending failed

(Test results will automatically refresh for up to 2 minutes).

Get Canceled Order Test

The purpose of this test is to verify that the client system can submit a Get Canceled Order request using CME Globex venue order ID. This test case is mandatory if you selected **Yes** in the interview question **Will your application support Get Canceled Order using Venue Order ID?**

► To run a Get Canceled Order test:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. After clicking START TEST, please make sure you have successfully sent an order, received a valid Venue Order ID, and canceled the order. Once this is done, please click on the **Yes** button to proceed to Step 2 Get Canceled Order request.
2. Send a [Get Canceled Order](#) request using Venue Order ID.
3. Receive and process an HTTP Response 200 [Order Response](#) message. In the text field enter the status received.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Get Canceled Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit get canceled order request using CME Globex venue order ID

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/orders
GET Canceled Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/orders/canceled/{venueOrderId}
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 After clicking START TEST, please ensure you have successfully sent an order, received a valid Venue Order ID and canceled the order. Once this is done, please click on the Yes button to proceed to step 2 Get Canceled Order request.	☐	Not Tested
2 Send a Get Canceled Order request using Venue Order ID.	☐	Not Tested
3 Received and Process HTTP Response 200 Order Response Message.	☐	Not Tested

Key: ☐ not tested ☒ complete ☐ pending ☐ failed

(Test results will automatically refresh for up to 2 minutes).

Search For Order Using Customer Account Identifier

The purpose of this test is to verify that the client system can search for an order using Customer Account as the search criteria. This test case is mandatory if you selected **Customer Account Identifier** in the interview question **Which Search for Orders criteria will your application support?**

► To run a search for an Order using Customer Account Identifier:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. After clicking START TEST, please make sure you have successfully sent an order and received a valid Order Response Message. Once this is done, please click the **Yes** button to proceed to Step 2 Search for Order request.
2. Send a [Search For Order](#) request using the same Customer Account Identifier that you sent in the order submission.
3. If you receive and process an HTTP Response 200 [Order Response](#) message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Order using Customer Account Identifier

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can search for order using Customer Account as search criteria

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/orders
GET Search for Orders API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/orders/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 After clicking START TEST, please ensure you have successfully sent an order and received a valid Order Response Message. Once this is done, please click on the Yes button to proceed to step 2 Search for Order request.	☐	Not Tested
2 Send a Search For Order request using Customer Account Identifier that was previously sent in order submission.	☐	Not Tested
3 Received and Process HTTP Response 200 Order Response Message.	☐	Not Tested

Key: ☐ not tested ☒ complete ☐ pending ☐ failed

(Test results will automatically refresh for up to 2 minutes).

Search For Order Using Customer Order Identifier

The purpose of this test is to verify that the client system can search for an order using the Customer Order Identifier as search criteria. This test case is mandatory if you selected **Customer Order Identifier** in the interview question **Which Search for Orders criteria will your application support?**

► **To run a search for an Order using a Customer Order Identifier:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. After clicking START TEST, please make sure you have successfully sent an order and received a valid Order Response Message. Once this is done, please click on the **Yes** button to proceed to Step 2 Search for Order request.
2. Send a [Search For Order](#) request using the same Customer Account Identifier that you sent in the order submission.
3. If you receive and process an HTTP Response 200 [Order Response](#) message, click the **Yes** button, otherwise click **No**.

The screenshot shows a web application interface for a test case. At the top, there are tabs: Interview, Test Suite, **Test Case**, Post Certification, and Help. Below the tabs, the title is 'Steps of the test: Search For Order using Customer Order Identifier'. A red warning message states: 'This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.' The 'Purpose' section states: 'The purpose of this test is to verify that the client system can search for order using Customer Order Identifier as search criteria.' Below this is a table with two columns: Category and Value.

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/api/v1/orders
GET Search for Orders API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/orders/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Below the table, a red note says: 'Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.' To the right of the note is an orange 'START TEST' button. Below the button, it says 'Test Not Running'. At the bottom, there is a table with three columns: Description, Flag, and Status.

Description	Flag	Status
1 After clicking START TEST, please ensure you have successfully sent an order and received a valid Order Response Message. Once this is done, please click on the Yes button to proceed to step 2 Search for Order request.		Not Tested
2 Send a Search For Order request using Customer Order Identifier that was previously sent in order submission.		Not Tested
3 Received and Process HTTP Response 200 Order Response Message.		Not Tested

At the bottom right, there is a key: not tested complete pending failed. At the bottom left, it says: '(Test results will automatically refresh for up to 2 minutes)'.

Search For Order Using Order Status

The purpose of this test is to verify that the client system can search for an order using Order Status as the search criteria. This test case is mandatory if you selected **Status** in the interview question **Which Search for Orders criteria will your application support?**

► **To run a search for an Order using Order Status:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. After clicking START TEST, please make sure you have successfully sent an order and received a valid Order Response Message. Once this is done, please click on the **Yes** button to proceed to Step 2 Search for Order request.
2. Send a [Search For Order](#) request using Order Status.
3. If you receive and process an HTTP Response 200 [Order Response](#) message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Order using Order Status

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can search for order using Order Status as search criteria

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/api/v1/orders
GET Search for Orders API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/orders/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 After clicking START TEST, please ensure you have successfully sent an order and received a valid Order Response Message. Once this is done, please click on the Yes button to proceed to step 2 Search for Order request.	☐	Not Tested
2 Send a Search For Order request using Order Status.	☐	Not Tested
3 Received and Process HTTP Response 200 Order Response Message.	☐	Not Tested

Key: ☐ not tested ☒ complete ☐ pending ☐ failed

(Test results will automatically refresh for up to 2 minutes).

Search For Order Using Symbol

The purpose of this test is to verify that the client system can search for an order using Symbol as the search criteria. This test case is mandatory if you selected **Symbol** in the interview question **Which Search for Orders criteria will your application support?**

► To run a search for an Order using Symbol:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. After clicking START TEST, please make sure you have successfully sent an order and received a valid Order Response Message. Once this is done, please click on the **Yes** button to proceed to Step 2 Search for Order request.
2. Send a [Search For Order](#) request using the Symbol sent in the order submission.
3. If you receive and process an HTTP Response 200 [Order Response](#) message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Order using Symbol

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can search for order using Symbol as search criteria

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/api/v1/orders
GET Search for Orders API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/orders/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 After clicking START TEST, please ensure you have successfully sent an order and received a valid Order Response Message. Once this is done, please click on the Yes button to proceed to step 2 Search for Order request.	☐	Not Tested
2 Send a Search For Order request using Symbol that was previously sent in order submission.	☐	Not Tested
3 Received and Process HTTP Response 200 Order Response Message.	☐	Not Tested

Key: ☐ not tested ☒ complete ☐ pending ☐ failed

(Test results will automatically refresh for up to 2 minutes).

Search For Order Without Using Search Criteria

The purpose of this test is to verify that the client system can search for an order without using search criteria. This test case is mandatory if you selected **None** in the interview question **Which Search for Orders criteria will your application support?**

► **To run a search for without Criteria:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. After clicking START TEST, please make sure you have successfully sent an order and received a valid Order Response Message. Once this is done, please click on the **Yes** button to proceed to Step 2 Search For Order request.
2. Send a [Search For Order](#) request using the Symbol sent in the order submission.
3. If you receive and process an HTTP Response 200 [Order Response](#) message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Order without using search criteria

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can search for order without using search criteria

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/api/v1/orders
GET Search for Orders API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/orders/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 After clicking START TEST, please ensure you have successfully sent an order and received a valid Order Response Message. Once this is done, please click on the Yes button to proceed to step 2 Search for Order request.	☐	Not Tested
2 Send a Search For Order request without using search criteria to search for all orders.	☐	Not Tested
3 Received and Process HTTP Response 200 Order Response Message.	☐	Not Tested

Key: ☐ not tested ☒ complete ☐ pending ☐ failed

(Test results will automatically refresh for up to 2 minutes)

Get Trade Test

The purpose of this test is to verify that the client system can submit a Get Trade request using a CME Globex execution ID. This test case is mandatory if customer selected **Yes** in the interview question **Will your application support Get Trade using Venue Execution ID?**

► **To run a Get Trade test:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. After clicking START TEST, please make sure you have successfully sent an order and traded it in the NR test environment. Once this is done, please click **Yes** to proceed to Step 2 Get Trade request.
2. Send a [Get Trade](#) request using Venue Execution ID.
3. If you receive and process an [HTTP Response 200](#) trade response message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Get Trade Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can submit get trade request using CME Globex execution ID

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/api/v1/orders
GET Trade API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/trades/{venueExecutionId}
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 After clicking START TEST, please ensure you have successfully sent an order and traded it in the NR test environment. Once this is done, please click on the Yes button to proceed to step 2 Get Trade request.	☐	Not Tested
2 Send a Get Trade request using Venue Execution ID.	☐	Not Tested
3 Received and Process HTTP Response 200 Trade Response Message.	☐	Not Tested

Key: ☐ not tested ☒ complete ☐ pending ☐ failed

(Test results will automatically refresh for up to 2 minutes)

Search For Trade Using Customer Account Identifier

The purpose of this test is to verify that the client system can search for a trade using the Customer Account as search criteria. This test case is mandatory if you selected **Customer Account Identifier** in the interview question **Which Search for Trades criteria will your application support?**

► To run a search for a Trade using Customer Account Identifier:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. After clicking START TEST, please make sure you have successfully sent an order and traded it in the NR test environment. Once this is done, please click the **Yes** button to proceed to Step 2 Search for Trade request.
2. Send a [Search For Trade](#) request using the same Customer Account Identifier that you sent in the previous trade.
3. If you receive and process an HTTP Response 200 [Trade Response](#) message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Trade using Customer Account Identifier

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can search for trade using Customer Account as search criteria

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/api/v1/orders
GET Search For Trades API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/trades/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 After clicking START TEST, please ensure you have successfully sent an order and traded it in the NR test environment. Once this is done, please click on the Yes button to proceed to step 2 Search for Trade request.	☐	Not Tested
2 Send a Search For Trade request using Customer Account Identifier that was previously traded.	☐	Not Tested
3 Received and Process HTTP Response 200 Trade Response Message.	☐	Not Tested

Key: ☐ not tested ☒ complete ☐ pending ☐ failed

(Test results will automatically refresh for up to 2 minutes)

Search For Trade Using Customer Order Identifier

The purpose of this test is to verify that the client system can search for a trade using the Customer Order Identifier as search criteria. This test case is mandatory if you selected **Customer Order Identifier** in the interview question **Which Search for Trades criteria will your application support?**

► To run a search for a Trade using a Customer Order Identifier:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. After clicking START TEST, please make sure you have successfully sent an order and traded it in the NR test environment. Once this is done, please click the **Yes** button to proceed to Step 2 Search for Trade request.
2. Send a [Search For Trade](#) request using the same Customer Order Identifier that you sent in the previous trade.
3. If you receive and process an HTTP Response 200 [Trade Response](#) message, select the **Yes** button, otherwise select **No**.

The screenshot shows a web application interface for a test case. At the top, there are tabs: Interview, Test Suite, **Test Case**, Post Certification, and Help. The main heading is 'Steps of the test: Search For Trade using Customer Order Identifier'. Below this, a warning message states: 'This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.' The 'Purpose' section explains: 'The purpose of this test is to verify that the client system can search for trade using Customer Order Identifier as search criteria.' A table lists the test data:

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapl/v1/orders
GET Search For Trades API URL	https://markets.api.uat.cmegroup.com/autocert/oeapl/v1/trades/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

A note below the table says: 'Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.' There is a 'START TEST' button and a status indicator 'Test Not Running'. At the bottom, a table shows the test steps:

Description	Flag	Status
1 After clicking START TEST, please ensure you have successfully sent an order and traded it in the NR test environment. Once this is done, please click on the Yes button to proceed to step 2 Search for Trade request.		Not Tested
2 Send a Search For Trade request using Customer Order Identifier that was previously traded.		Not Tested
3 Received and Process HTTP Response 200 Trade Response Message.		Not Tested

A key at the bottom indicates: not tested, complete, pending, failed. A footer note says: '(Test results will automatically refresh for up to 2 minutes)'.

Search For Trade Using Start Time and End Time

The purpose of this test is to verify that the client system can search for a trade using Start Time and End Time as search criteria. This test case is mandatory if you selected **Start Time and End Time** in the interview question **Which Search for Trades criteria will your application support?**

► To run a search for a Trade using Start Time and End Time:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. After clicking START TEST, please make sure you have successfully sent an order and traded it in the NR test environment. Once this is done, please click the **Yes** button to proceed to Step 2 Search for Trade request.
2. Send a [Search For Trade](#) request using a Start Time and End Time that has at least one trade within the time period.
3. If you receive and process an HTTP Response 200 [Trade Response](#) message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Trade using Start Time and End Time

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can search for trade using Start Time and End Time as search criteria

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/orders
GET Search For Trades API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/trades/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 After clicking START TEST, please ensure you have successfully sent an order and traded it in the NR test environment. Once this is done, please click on the Yes button to proceed to step 2 Search for Trade request.	☐	Not Tested
2 Send a Search For Trade request using Start Time and End Time that has at least a trade within this time period.	☐	Not Tested
3 Received and Process HTTP Response 200 Trade Response Message.	☐	Not Tested

Keys: ☐ not tested ☒ complete ☐ pending ☐ failed

(Test results will automatically refresh for up to 2 minutes).

Search For Trade Using Symbol

The purpose of this test is to verify that the client system can search for a trade using Symbol as search criteria. This test case is mandatory if you selected **Symbol** in the interview question **Which Search for Trades criteria will your application support?**

► To run a search for a Trade using Symbol:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. After clicking START TEST, please make sure you have successfully sent an order and traded it in the NR test environment. Once this is done, please click the **Yes** button to proceed to Step 2 Search for Trade request.
2. Send a [Search For Trade](#) request using the Symbol from the previous trade.
3. If you receive and process an HTTP Response 200 [Trade Response](#) message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Trade using Symbol

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can search for trade using Symbol as search criteria

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/orders
GET Search For Trades API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/trades/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 After clicking START TEST, please ensure you have successfully sent an order and traded it in the NR test environment. Once this is done, please click on the Yes button to proceed to step 2 Search for Trade request.	☐	Not Tested
2 Send a Search For Trade request using Symbol that was previously traded.	☐	Not Tested
3 Received and Process HTTP Response 200 Trade Response Message.	☐	Not Tested

Keys: ☐ not tested ☒ complete ☐ pending ☐ failed

(Test results will automatically refresh for up to 2 minutes).

Search For Trade Using Venue Order Identification

The purpose of this test is to verify that the client system can search for a trade using Venue Order Identifier as search criteria. This test case is mandatory if you selected **Venue Order Identifier** in the interview question **Which Search for Trades criteria will your application support?**

► To run a search using Venue Order Identification:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. After clicking START TEST, please ensure you have successfully sent an order and traded it in the NR test environment. Once this is done, please click the **Yes** button to proceed to Step 2 Search for Trade request.
2. Send a [Search For Trade](#) request using the Venue Order Identifier from the previous trade.
3. If you receive and process an HTTP Response 200 [Trade Response](#) message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Trade using Venue Order Identifier

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can search for trade using Venue Order Identifier as search criteria

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/orders
GET Search For Trades API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/trades/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 After clicking START TEST, please ensure you have successfully sent an order and traded it in the NR test environment. Once this is done, please click on the Yes button to proceed to step 2 Search for Trade request.		Not Tested
2 Send a Search For Trade request using Venue Order Identifier that was previously traded.		Not Tested
3 Received and Process HTTP Response 200 Trade Response Message.		Not Tested

Keys: not tested complete pending failed

(Test results will automatically refresh for up to 2 minutes)

Search For Trade Without Using Search Criteria

The purpose of this test is to verify that the client system can search for a trade without using search criteria. This test case is mandatory if you selected **None** in the interview question **Which Search for Trades criteria will your application support?**

► **To run a search without using Search Criteria:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. After clicking START TEST, please ensure you have successfully sent an order and traded it in the NR test environment. Once this is done, please click the **Yes** button to proceed to Step 2 Search for Trade request.
2. Send a [Search For Trade](#) request without using search criteria to search for all trades.
3. If you receive and process an HTTP Response 200 [Trade Response](#) Message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Trade without using search criteria

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can search for trade without using search criteria

Category	Value
POST Submit Order API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/orders
GET Search For Trades API URL	https://markets.api.uat.cmegroup.com/autocert/oeapi/v1/trades/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 After clicking START TEST, please ensure you have successfully sent an order and traded it in the NR test environment. Once this is done, please click on the Yes button to proceed to step 2 Search for Trade request.		Not Tested
2 Send a Search For Trade request without using search criteria to search for all trades.		Not Tested
3 Received and Process HTTP Response 200 Trade Response Message.		Not Tested

Key: not tested complete pending failed

(Test results will automatically refresh for up to 2 minutes).

(No Order Entry) Get Order Test

The purpose of this test is to verify that the client system can submit a Get Order Request using CME Globex Venue Order ID (venueOrderID). This test case is mandatory if you selected **No** in the interview question **Will your application support Order Entry?** and you selected **Yes** in the interview question **Will your application support Get Order using Venue Order ID?**

► **To run a Get Order test:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

- Before clicking START TEST, please ensure you have a valid order for the Get Order request. After clicking START TEST, send a [Get Order request](#) using your Venue Order ID (venueOrderID).
- Receive and process an [HTTP Response 200](#). In the text field enter the status received.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Get Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit get order request using CME Globex venue order ID.

Category	Value
GET Order API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/orders/{venueOrderID}
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Before clicking START TEST, please ensure you have a valid order for Get Order request. After clicking START TEST, send a Get Order request using venueOrderID.		Not Tested
2 Received and Process HTTP Response 200 Order Response Message.		Not Tested

Key: not tested complete pending failed

REFRESH

(No Order Entry) Get Canceled Order Test

The purpose of this test is to verify that the client system can submit a Get Canceled Order request using CME Globex venue order ID. This test case is mandatory if customer selected **No** in the interview question **Will your application support Order Entry?** and selected **Yes** in the interview question **Will your application support Get Canceled Order using Venue Order ID?**

► **To run a Get Canceled Order test:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Before clicking START TEST, please ensure you have a valid canceled order for the [Get Canceled Order request](#). After clicking START TEST, send a Get Canceled Order request using Venue Order ID.
2. Receive and process an HTTP Response 200 [Order Response](#) message. In the text field enter the status received.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Get Canceled Order Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit get canceled order request using CME Globex venue order ID.

Category	Value
GET Canceled Order API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/orders/canceled/{venueOrderId}
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Before clicking START TEST, please ensure you have a valid canceled order for Get Canceled Order request. After clicking START TEST, send a Get Canceled Order request using Venue Order ID.		Not Tested
2 Received and Process HTTP Response 200 Order Response Message.		Not Tested

Key: not tested complete pending failed

REFRESH

(No Order Entry) Search For Order Using Customer Account Identifier

The purpose of this test is to verify that the client system can search for an order using Customer Account as search criteria. This test case is mandatory if you selected **No** in the interview question **Will your application support Order Entry?** and you selected **Customer Account Identifier** in the interview question **Which Search for Orders criteria will your application support?**

► To run a search for an Order using Customer Account Identifier:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Before clicking START TEST, please ensure you have a valid order for the [Search For Order request](#). After clicking START TEST, send a Search For Order request using the Customer Account Identifier that was previously sent in order submission.
2. If you receive and process an HTTP Response 200 [Order Response](#) message, select the Yes button, otherwise select No.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Order using Customer Account Identifier

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can search for order using Customer Account as search criteria.

Category	Value
GET Search for Orders API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/orders/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Before clicking START TEST, please ensure you have a valid order for Search For Order request. After clicking START TEST, send a Search For Order request using Customer Order Identifier that was previously sent in order submission.		Not Tested
2 Received and Process HTTP Response 200 Order Response Message.		Not Tested

Key: not tested complete pending failed

REFRESH

(No Order Entry) Search For Order Using Customer Order Identifier

The purpose of this test is to verify that the client system can search for an order using the Customer Order Identifier as search criteria. This test case is mandatory if you selected **No** in the interview question **Will your application support Order Entry?** and you selected **Customer Order Identifier** in the interview question **Which Search for Orders criteria will your application support?**

► To run a search for an Order using a Customer Order Identifier:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Before clicking START TEST, please ensure you have a valid order for a [Search For Order](#) request. After clicking START TEST, send a Search For Order request using the Customer Order Identifier that was previously sent in the order submission.
2. If you receive and process an HTTP Response 200 [Order Response](#) message, click the Yes button, otherwise click No.

The screenshot shows a web application interface for a test case. At the top, there are tabs: Interview, Test Suite, **Test Case**, Post Certification, and Help. Below the tabs, the title is 'Steps of the test: Search For Order using Customer Order Identifier'. A warning message states: 'This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.' The 'Purpose' section states: 'The purpose of this test is to verify that the client system can search for order using Customer Order Identifier as search criteria.' Below this is a table with two columns: Category and Value. The first row is 'GET Search for Orders API URL' with the value 'https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/orders/search'. The second row is 'CME Reference Data API Instrument URL' with the value 'https://refdata.api.usat.cmegroup.com/refdata/v3/instruments'. A note says: 'Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.' There is a 'START TEST' button and a 'Test Not Running' status. Below this is a table with three columns: Description, Flag, and Status. The first row has description '1 Before clicking START TEST, please ensure you have a valid order for Search For Order request. After clicking START TEST, send a Search For Order request using Order Status.', a flag icon, and status 'Not Tested'. The second row has description '2 Received and Process HTTP Response 200 Order Response Message.', a flag icon, and status 'Not Tested'. At the bottom right, there is a 'REFRESH' button and a key: 'Key: ⚪ not tested ⚪ complete ⚪ pending ⚪ failed'.

Category	Value
GET Search for Orders API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/orders/search
CME Reference Data API Instrument URL	https://refdata.api.usat.cmegroup.com/refdata/v3/instruments

Description	Flag	Status
1 Before clicking START TEST, please ensure you have a valid order for Search For Order request. After clicking START TEST, send a Search For Order request using Order Status.	⚪	Not Tested
2 Received and Process HTTP Response 200 Order Response Message.	⚪	Not Tested

(No Order Entry) Search For Order Using Order Status

The purpose of this test is to verify that the client system can search for an order using Order Status as the search criteria. This test case is mandatory if you selected **No** in the interview question **Will your application support Order Entry?** and you selected **Status** in the interview question **Which Search for Orders criteria will your application support?**

► To run a search for an Order using Order Status:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Before clicking START TEST, please ensure you have a valid order for the [Search For Order](#) request. After clicking START TEST, send a Search For Order request using Order Status.
2. If you receive and process an HTTP Response 200 [Order Response](#) message, select the Yes button, otherwise select No.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Order using Order Status

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can search for order using Order Status as search criteria

Category	Value
GET Search for Orders API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/orders/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Before clicking START TEST, please ensure you have a valid order for Search For Order request. After clicking START TEST, send a Search For Order request using Symbol that was previously sent in order submission.		Not Tested
2 Received and Process HTTP Response 200 Order Response Message.		Not Tested

Key: not tested complete pending failed

REFRESH

(No Order Entry) Search For Order Using Symbol

The purpose of this test is to verify that the client system can search for order using Symbol as the search criteria. This test case is mandatory if you selected **No** in the interview question **Will your application support Order Entry?** and you selected **Symbol** in the interview question **Which Search for Orders criteria will your application support?**

► **To run a search for an Order using Symbol:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Before clicking START TEST, please ensure you have a valid order for the [Search For Order](#) request. After clicking START TEST, send a Search For Order request using the Symbol that was previously sent in order submission.
2. If you receive and process an HTTP Response 200 [Order Response](#) message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Order using Symbol

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can search for order using Symbol as search criteria

Category	Value
GET Search for Orders API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/orders/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Before clicking START TEST, please ensure you have a valid order for Search For Order request. After clicking START TEST, send a Search For Order request without using search criteria to search for all orders.		Not Tested
2 Received and Process HTTP Response 200 Order Response Message.		Not Tested

Key: not tested complete pending failed

REFRESH

(No Order Entry) Search For Order Without Using Search Criteria

The purpose of this test is to verify that the client system can search for an order without using search criteria. This test case is mandatory if you selected **No** in the interview question **Will your application support Order Entry?** and you selected **None** in the interview question **Which Search for Orders criteria will your application support?**

► **To run a search for without Criteria:**



Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Before clicking START TEST, please ensure you have a valid order for a [Search For Order](#) request. After clicking START TEST, send a Search For Order request without using search criteria to search for all orders
2. If you receive and process an HTTP Response 200 [Order Response](#) message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Order without using search criteria

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can search for order without using search criteria

Category	Value
GET Search for Orders API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/orders/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Before clicking START TEST, please ensure you have a valid trade for Get Trade request. After clicking START TEST, send a Get Trade request using Venue Execution ID.		Not Tested
2 Received and Process HTTP Response 200 Order Response Message.		Not Tested

Keys: not tested complete pending failed

REFRESH

(No Order Entry) Get Trade Test

The purpose of this test is to verify that the client system can submit a Get Trade request using a CME Globex execution ID. This test case is mandatory if you selected **No** in the interview question **Will your application support Order Entry?** and you selected **Yes** in the interview question **Will your application support Get Trade using Venue Execution ID?**

▶ To run a Get Trade test:



Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Before clicking START TEST, please ensure you have a valid trade for the [Get Trade](#) request. After clicking START TEST, send a Get Trade request using your Venue Execution ID
2. If you receive and process an [HTTP Response 200](#) trade response message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Get Trade Test

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can submit get trade request using CME Globex execution ID

Category	Value
GET Trade API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/trades/{venueExecutionId}
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Before clicking START TEST, please ensure you have a valid trade for Search For Trade request. After clicking START TEST, send a Search For Trade request using Customer Account Identifier that was previously traded.		Not Tested
2 Received and Process HTTP Response 200 Trade Response Message.		Not Tested

Keys: not tested complete pending failed

REFRESH

(No Order Entry) Search For Trade Using Customer Account Identifier

The purpose of this test is to verify that the client system can search for a trade using the Customer Account as search criteria. This test case is mandatory if you selected **No** in the interview question **Will your application support Order Entry?** and you selected **Customer Account Identifier** in the interview question **Which Search for Trades criteria will your application support?**

► To run a search for a Trade using Customer Account Identifier:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Before clicking START TEST, please ensure you have a valid trade for the [Search For Trade](#) request. After clicking START TEST, send a Search For Trade request using the Customer Account Identifier that was previously traded.
2. If you receive and process an HTTP Response 200 [Trade Response](#) message, select the **Yes** button, otherwise select **No**.

The screenshot shows a web application interface for a test case. At the top, there are tabs: Interview, Test Suite, **Test Case**, Post Certification, and Help. Below the tabs, the title is 'Steps of the test: Search For Trade using Customer Account Identifier'. A warning message states: 'This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.' Below this is a 'Purpose' section with the text: 'The purpose of this test is to verify that the client system can search for trade using Customer Account as search criteria.' A table follows with two columns: 'Category' and 'Value'. The first row is 'GET Search For Trades API URL' with the value 'https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/trades/search'. The second row is 'CME Reference Data API Instrument URL' with the value 'https://refdata.api.usat.cmegroup.com/refdata/v3/instruments'. Below the table is a note: 'Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.' To the right of the note is a 'START TEST' button. Below the note is a status indicator 'Test Not Running'. At the bottom, there is a table with three columns: 'Description', 'Flag', and 'Status'. The first row has '1' in the first column, 'Before clicking START TEST, please ensure you have a valid trade for Search For Trade request. After clicking START TEST, send a Search For Trade request using Customer Order Identifier that was previously traded.' in the second column, a grey circle icon in the third column, and 'Not Tested' in the fourth column. The second row has '2' in the first column, 'Received and Process HTTP Response 200 Trade Response Message.' in the second column, a grey circle icon in the third column, and 'Not Tested' in the fourth column. At the bottom right, there is a key: 'Key: ○ not tested ● complete ● pending ● failed'. A 'REFRESH' button is at the bottom left.

Category	Value
GET Search For Trades API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/trades/search
CME Reference Data API Instrument URL	https://refdata.api.usat.cmegroup.com/refdata/v3/instruments

Description	Flag	Status
1 Before clicking START TEST, please ensure you have a valid trade for Search For Trade request. After clicking START TEST, send a Search For Trade request using Customer Order Identifier that was previously traded.	○	Not Tested
2 Received and Process HTTP Response 200 Trade Response Message.	○	Not Tested

(No Order Entry) Search For Trade Using Customer Order Identifier

The purpose of this test is to verify that the client system can search for a trade using the Customer Order Identifier as search criteria. This test case is mandatory if you selected **No** in the interview question **Will your application support Order Entry?** and you selected **Customer Order Identifier** in the interview question **Which Search for Trades criteria will your application support?**

► To run a search for a Trade using a Customer Order Identifier:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Before clicking START TEST, please ensure you have a valid trade for the [Search For Trade](#) request. After clicking START TEST, send a Search For Trade request using the Customer Order Identifier that was previously traded
2. If you receive and process an HTTP Response 200 [Trade Response](#) message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Trade using Customer Order Identifier

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can search for trade using Customer Order Identifier as search criteria

Category	Value
GET Search For Trades API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/trades/search
CME Reference Data API Instrument URL	https://refdata.api.usat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Before clicking START TEST, please ensure you have a valid trade for Search For Trade request. After clicking START TEST, send a Search For Trade request using Start Time and End Time that has at least a trade within this time period.		Not Tested
2 Received and Process HTTP Response 200 Trade Response Message.		Not Tested

Key: not tested complete pending failed

REFRESH

(No Order Entry) Search For Trade Using Start Time and End Time

The purpose of this test is to verify that the client system can search for a trade using Start Time and End Time as search criteria. This test case is mandatory if you selected **No** in the interview question **Will your application support Order Entry?** and you selected **Start Time and End Time** in the interview question **Which Search for Trades criteria will your application support?**

► To run a search for a Trade using Start Time and End Time:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Before clicking START TEST, please ensure you have a valid trade for the [Search For Trade](#) request. After clicking START TEST, send a Search For Trade request using the Start Time and End Time that has at least one trade within the time period.
2. If you receive and process an HTTP Response 200 [Trade Response](#) message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Trade using Start Time and End Time

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can search for trade using Start Time and End Time as search criteria

Category	Value
GET Search For Trades API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/trades/search
CME Reference Data API Instrument URL	https://refdata.api.usat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Before clicking START TEST, please ensure you have a valid trade for Search For Trade request. After clicking START TEST, send a Search For Trade request using Symbol that was previously traded.		Not Tested
2 Received and Process HTTP Response 200 Trade Response Message.		Not Tested

Key: not tested complete pending failed

REFRESH

(No Order Entry) Search For Trade Using Symbol

The purpose of this test is to verify that the client system can search for a trade using Symbol as search criteria. This test case is mandatory if you selected **No** in the interview question **Will your application support Order Entry?** and you selected **Symbol** in the interview question **Which Search for Trades criteria will your application support?**

► To run a search for a Trade using Symbol:

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Before clicking START TEST, please ensure you have a valid trade for the [Search For Trade](#) request. After clicking START TEST, send a Search For Trade request using the Symbol that was previously traded
2. If you receive and process an HTTP Response 200 [Trade Response](#) message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Trade using Symbol

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can search for trade using Symbol as search criteria

Category	Value
GET Search For Trades API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/trades/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Before clicking START TEST, please ensure you have a valid trade for Search For Trade request. After clicking START TEST, send a Search For Trade request using Symbol that was previously traded.	☐	Not Tested
2 Received and Process HTTP Response 200 Trade Response Message.	☐	Not Tested

Key: ☐ not tested ☒ complete ☐ pending ☐ failed

REFRESH

(No Order Entry) Search For Trade Using Venue Order Identification

The purpose of this test is to verify that the client system can search for a trade using Venue Order Identifier as search criteria. This test case is mandatory if you selected **No** in the interview question **Will your application support Order Entry?** and you selected **Venue Order Identifier** in the interview question **Which Search for Trades criteria will your application support?**

▶ **To run a search using Venue Order Identification:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Before clicking START TEST, please ensure you have a valid trade for the [Search For Trade](#) request. After clicking START TEST, send a Search For Trade request using the Venue Order Identifier that was previously traded.
2. If you receive and process an HTTP Response 200 [Trade Response](#) message, select the **Yes** button, otherwise select **No**.

Interview Test Suite **Test Case** Post Certification Help

Steps of the test: Search For Trade using Venue Order Identifier

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step1.

Purpose
The purpose of this test is to verify that the client system can search for trade using Venue Order Identifier as search criteria

Category	Value
GET Search For Trades API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/trades/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Before clicking START TEST, please ensure you have a valid trade for Search For Trade request. After clicking START TEST, send a Search For Trade request using Venue Order Identifier that was previously traded.	☐	Not Tested
2 Received and Process HTTP Response 200 Trade Response Message.	☐	Not Tested

Key: ☐ not tested ☒ complete ☐ pending ☐ failed

REFRESH

(No Order Entry) Search For Trade Without Using Search Criteria

The purpose of this test is to verify that the client system can search for a trade without using search criteria. This test case is mandatory if you selected **None** in the interview question **Which Search for Trades criteria will your application support?**

► **To run a search without using Search Criteria:**

Note: For additional information and order entry message specifications, refer to the links in the below procedures.

1. Before clicking START TEST, please ensure you have a valid trade for a [Search For Trade](#) request. After clicking START TEST, send a Search For Trade request without using search criteria to search for all trades.
2. If you receive and process an HTTP Response 200 [Trade Response](#) Message, select the **Yes** button, otherwise select **No**.

[Interview](#)
[Test Suite](#)
[Test Case](#)
[Post Certification](#)
[Help](#)

Steps of the test: Search For Trade without using search criteria

This test could take up to several minutes. Please do not close the window during the test. Closing window/stopping test requires to rerun the test from step 1.

Purpose
The purpose of this test is to verify that the client system can search for trade without using search criteria

Category	Value
GET Search For Trades API URL	https://markets.api.qa.cmegroup.com/autocert/oeapi/v1/trades/search
CME Reference Data API Instrument URL	https://refdata.api.uat.cmegroup.com/refdata/v3/instruments

Note: Press the Start Test button to start or restart a Test. Please do not press the Start Test button again if you are currently running this test.

START TEST

Test Not Running

Description	Flag	Status
1 Before clicking START TEST, please ensure you have a valid trade for Search For Trade request. After clicking START TEST, send a Search For Trade request without using search criteria to search for all trades.		Not Tested
2 Received and Process HTTP Response 200 Trade Response Message.		Not Tested

Key: not tested complete pending failed

REFRESH