

User Manual

12 Dec 2020

Neither futures trading nor swaps trading are suitable for all investors, and each involves the risk of loss. Swaps trading should only be undertaken by investors who are Eligible Contract Participants (ECPs) within the meaning of Section 1a(18) of the Commodity Exchange Act. Futures and swaps each are leveraged investments and, because only a percentage of a contract's value is required to trade, it is possible to lose more than the amount of money deposited for either a futures or swaps position. Therefore, traders should only use funds that they can afford to lose without affecting their lifestyles and only a portion of those funds should be devoted to any one trade because traders cannot expect to profit on every trade. All examples discussed are hypothetical situations, used for explanation purposes only, and should not be considered investment advice or the results of actual market experience.

CME Group, the Globe Logo and CME are trademarks of Chicago Mercantile Exchange Inc. CBOT is a trademark of the Board of Trade of the City of Chicago, Inc. NYMEX is a trademark of New York Mercantile Exchange, Inc. COMEX is a trademark of Commodity Exchange, Inc. All other trademarks are the property of their respective owners.

The information within this manual has been compiled by CME Group for general purposes only. CME Group assumes no responsibility for any errors or omissions. Additionally, all examples in this manual are hypothetical situations, used for explanation purposes only, and should not be considered investment advice or the results of actual market experience. All matters pertaining to rules and specifications herein are made subject to and are superseded by official CME, CBOT and NYMEX rules. Current rules should be consulted in all cases concerning contract specifications.

Copyright © 2023 CME Group Inc. All rights reserved.

Table of Contents

Getting Started	4
Running and Navigating AutoCert+	4
What's New	4
Interview	4
GET Tests	6
GET - My Firms	7
GET - Retrieve all Accounts	8
GET - Retrieve Limits and Utilization for an Account Using the CMED or CPC Service	9
GET - Retrieve Limits and Utilization for an Account Using the ICC Service	10
GET - Retrieve Market Type Permissions for an Account	11
GET - Retrieve Eligible Products for an Account	12
GET - Retrieve Permissioned Products for an Account	13
GET - Retrieve Eligible Brokers for an Account	14
GET - Retrieve Broker Permissions for an Account	15
POST Tests	16
POST - Update or Delete Limits for a Product on an Account Using the CPC or CMED Service	17
POST - Update or Delete Limits for an Account on Service ICC	18
POST - Update or Delete Market Types for an Account	20
POST - Update or Delete Product Permissions for an Account	21
POST - Update and Delete Broker Permissions for an Account	22
POST - Copy an Existing Account to Create a New Account	24
POST - Update an Account to Active and Inactive	25
POST - Update the Execution Firm Status of an ICC Account	26

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.

This user manual accompanies the AutoCert+ AMS API test suite.

Running and Navigating AutoCert+

To run and navigate AutoCert+:

1. [Access](#) the automated certification tool.
2. Review general AutoCert+ test suite [navigation](#) and [general interview](#) information.
3. Navigate to the AutoCert+ AMS API test suite:

Current Testing Configuration

Tester: [Text Field]
 Company Name: [Dropdown]
 Purpose: [AMS API]
 Application System: [Text Field]
 Test Suite: [AMS API]
 API ID: [Text Field] **UNASSIGN**

Type: Automated Trading System
 Category: Prop System
 1603: [Text Field]
 1604: [Text Field]
 1605: [Text Field]

Test Suite Status:
 Pre-Certification Interview: **Not Complete**
 Test Suite Status: **Not Tested**

- a. Select a Company Name.
 - b. From the Purpose drop-down, select "AMS API."
 - c. Select an Application System
 - d. From the Test Suite drop-down, select "AMS API."
3. Complete the [Interview](#) for this test suite.
 4. Complete the applicable test cases.
 5. Complete the certification process from the [Post Certification](#) tab.

What's New

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

Date	Author	Topic	Description
21 Oct 2019	DT	POST - Update the Execution Firm Status of an ICC Account	Added chapter for new test.
07 Aug 2019	DT	All	Initial release

Interview

You must complete the pre-certification interview before running the test case.

Select your company type and click the **Complete** button.

Interview Test Suite Test Case Post Certification Help

Select each Service your system will support?

- ☒ Globex (CMED)
- ☒ ClearPort (CPC)
- ☒ InLine Credit Controls (ICC)

Select which Firm Admin does your system will support?

- ☒ Clearing Member Firm Admin
- ☐ Executing Firm Admin

Select each GET method your system will support?

- ☒ MyFirms (Mandatory)
- ☒ Retrieve all Accounts (Mandatory)
- ☒ Retrieve limits and utilization for an account
- ☒ Retrieve eligible products for an account
- ☒ Retrieve permissioned products for an account
- ☒ Retrieve market type permissions for an account
- ☒ Retrieve product type permissions for an account
- ☒ Retrieve eligible brokers for an account
- ☒ Retrieve broker permissions for an account

Will your system support any POST method?

- ☒ Yes
- ☐ No

Select each POST method your system will support?

- ☒ Update or Delete limits of a product for an account
- ☒ Add or Delete market type permissions for an account
- ☒ Add or Delete product permissions for an account
- ☒ Add or Delete Broker permissions for an account
- ☒ Copy an existing account to create new accounts
- ☒ Update an account to 'Active' or 'Inactive'

Complete

GET Tests

GET tests consist of the following:

- [GET - My Firms](#)
- [GET - Retrieve all Accounts](#)
- [GET - Retrieve Limits and Utilization for an Account using the CMED or CPC service](#)
- [GET - Retrieve Limits and Utilization for an Account using the ICC service](#)
- [GET - Retrieve Market Type Permissions for an Account](#)
- [GET - Retrieve eligible products for an Account](#)
- [GET - Retrieve permissioned products for an Account](#)
- [GET - Retrieve Eligible Brokers for an Account](#)
- [GET - Retrieve Broker Permissions for an Account](#)

GET - My Firms

The purpose of this test is to verify that the client system can retrieve the clearing/trading firms and services for which they are permitted.

Interview
Test Suite
Test Case
Post Certification
Help

Steps of the test: GET - My Firms

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 retrieve the clearing/trading firms and services they are permitted for

Description	Flag	Status
1 Submit a GET call to list all services and firm names in which the Clearing Firm has entitlements for		Complete
2 Validate the first service and Firm Name (firmName) under the first service returned in the response		Complete

Key: not tested complete pending failed

REFRESH

- Specification: [CME ClearPort \(CPC\) and CME Direct \(CMED\) \(Globex\)](#)

▶ To run the GET - My Firms test

1. Select a SenderCompID.
2. Click **START TEST**.
3. Click **REFRESH**.

Note: To restart the test, click **START TEST** and then click **REFRESH**.

4. Submit a GET call to list all services and firm names for which the Clearing Firm has entitlements.
5. Validate the first service and first clearing ID (clearingid) under the first service returned in the response.

Description	Flag	Status
1 Submit a GET call to list all services and firm names in which the Clearing Firm has entitlements for		Complete
2 Validate the first service and Firm Name (firmName) under the first service returned in the response First Service : <input type="text"/> Firm Name (firmName) under the first service <input type="text"/> Submit		Pending

GET - Retrieve all Accounts

The purpose of this test is to verify that the client system can retrieve all accounts to which the user has access.

InterviewTest SuiteTest CasePost CertificationHelp

Steps of the test: GET - Retrieve all Accounts

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 retrieve all accounts the user has access to

Description	Flag	Status
1Submit a Retrieve all Accounts GET Call with one of the Firm Types (Clearing or Trading) and one of the Services (CPC, CMED, ICC) your user has access to	<div></div>	Complete
2Validate the first accountNumber returned	<div></div>	Complete

Key: not tested complete pending failed

REFRESH

Specifications:

- [Inline Credit Controls \(ICC\) Specifications](#)
- [CME ClearPort \(CPC\) and CME Direct \(CMED\) \(Globex\)](#)

To run the GET - Retrieve all Accounts test

- Select a SenderCompID.
- Click **START TEST**.
- Click **REFRESH**.

Note: To restart the test, click **START TEST** and then click **REFRESH**.

- Submit a Retrieve all Accounts GET Call with one of the Firm Types (Clearing or Trading) and one of the Services (CPC, CMED, ICC) to which your user has access.
- Validate the first AccountNumber returned.

2	<div>Validate the first accountNumber returned</div> <div>First Account Number : <input type="text"/></div> <div>Submit</div>	<div></div>	Pending
---	---	-------------	---------

GET - Retrieve Limits and Utilization for an Account Using the CMED or CPC Service

The purpose of this test is to verify that the client system can retrieve the limits and utilization for a specified account.

Steps of the test: GET - Retrieve Limits and Utilization for an Account using the CMED or CPC service

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.

Category	Value
API URL	https://autocertqa.ciq.chicago.cme.com/ams/api/rest/v1/accountLimitsUtilization/clearing/{Service}/{Clearing Firm}/{Account Number}
Clearing Firm name	
Clearing Account	API_ACP_ALL

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**

Description	Flag	Status
1 Retrieve Limits and Utilization for an Account by submitting an accountLimitsUtilization GET Call for one of the supported Services (CPC, CMED) on your assigned account		Complete
2 Validate the first Product and the Quantity Long Limit returned		Complete

Key: not tested complete pending failed

REFRESH

- Specification: [CME ClearPort \(CPC\) and CME Direct \(CMED\) \(Globex\)](#)

To run the GET - Retrieve Limits and Utilization for an Account Using the CMED or CPC service test

1. Select a SenderCompID.
2. Click **START TEST**.
3. Click **REFRESH**.

Note: To restart the test, click **START TEST** and then click **REFRESH**.

4. Retrieve Limits and Utilization for an Account by submitting an accountLimitsUtilization GET Call for one of the supported Services (CPC, CMED) on your assigned account.
5. Validate the first Product and the Quantity Long Limit returned.

2	Validate the first Product and the Quantity Long Limit returned			Pending
	First product :	<input type="text"/>		
	Long limit of the First product :	<input type="text"/>		
	Submit			

GET - Retrieve Limits and Utilization for an Account Using the ICC Service

The purpose of this test is to verify that the client system can retrieve the limits and utilization for a specified account.

Steps of the test: GET - Retrieve Limits and Utilization for an Account using the ICC service

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.

Category	Value
API URL	https://autocertqa.ciq.chicago.cme.com/ams/api/rest/v1/accountLimitsUtilization/clearing/{Service}/{Clearing Firm}/{Account Number}
Clearing Firm name	
Clearing Account	API_ACP_ALL

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**

Description	Flag	Status
1 Retrieve Limits and Utilization for an Account by submitting an accountLimitsUtilization GET Call for the ICC service on your assigned account		Complete
2 Validate the first Product and the long limit under cmfLimits		Complete

Key: not tested complete pending failed

REFRESH

- Specification: [Inline Credit Controls \(ICC\) Specifications](#)

▶ To run the GET - Retrieve Limits and Utilization for an Account using the ICC service test

1. Select a SenderCompID.
2. Click **START TEST**.
3. Click **REFRESH**.

Note: To restart the test, click **START TEST** and then click **REFRESH**.

4. Retrieve Limits and Utilization for an Account by submitting an accountLimitsUtilization GET Call for the ICC service on your assigned account.
5. Enter the values for the:
6. Product and the long limit under cmfLimits.

2	Validate the first Product and the long limit under cmfLimits		Pending	
	:			<input type="text"/>
	Long limit under cmfLimits of the First product :			<input type="text"/>

Submit

GET - Retrieve Market Type Permissions for an Account

The purpose of this test is to verify that the client system can retrieve the market type permissions for a specified account.

Steps of the test: GET - Retrieve Market Type Permissions for an Account

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 retrieve the market type permissions for a specified account

Category	Value
API URL	https://autocertqa.ciq.chicago.cme.com/ams/api/rest/v1/marketPermissions/clearing/{Service}/{Clearing Firm}/{Account Number}
Clearing Firm name	
Clearing Account	API_ACP_ALL

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

Description	Flag	Status
1 Retrieve market type permissions for an Account by submitting a marketPermissions GET Call for Service CPC or CMED on your assigned account		Complete
2 Validate the first Market Type Name returned and the Permission for the first Market Type Name listed		Complete

Key:  not tested  complete  pending  failed

REFRESH

- Specification: [CME ClearPort \(CPC\) and CME Direct \(CMED\) \(Globex\)](#)

To run the GET - Retrieve Market Type Permissions for an Account test

1. Select a SenderCompID.
2. Click **START TEST**.
3. Click **REFRESH**.

Note: To restart the test, click **START TEST** and then click **REFRESH**.

4. Retrieve market type permissions for an Account by submitting a marketPermissions GET Call for Service CPC or CMED on your assigned account.
5. Validate the first Market Type Name returned and the Permission for the first Market Type Name listed.

2	Validate the first Market Type Name returned and the Permission for the first Market Type Name listed First Market Type Name : <input type="text"/> Permission for the First Market Type Name : <input type="text"/> <input type="button" value="Submit"/>		Pending
---	---	---	---------

GET - Retrieve Eligible Products for an Account

The purpose of this test is to verify that the client system can retrieve the eligible products for a specified account.

Steps of the test: GET - Retrieve eligible products for an Account

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 retrieve the eligible products for a specified account

Category	Value
API URL	https://autocertqa.ciq.chicago.cme.com/ams/api/rest/v1/eligibleProducts/clearing/{Service}/{Clearing Firm}/{Account Number}
Clearing Firm name	
Clearing Account	API_ACP_ALL

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

Description	Flag	Status
1 Submit a Retrieve market type permissions for an Account GET Call on your assigned account		Complete
2 Validate the first product returned		Complete

Key:  not tested  complete  pending  failed

REFRESH

Specifications:

- [CME ClearPort \(CPC\) and CME Direct \(CMED\) \(Globex\)](#)
- [Inline Credit Controls \(ICC\) Specifications](#)



To run the GET - Retrieve Eligible Products for an Account test

1. Select a SenderCompID.
2. Click **START TEST**.
3. Click **REFRESH**.



Note: To restart the test, click **START TEST** and then click **REFRESH**.

4. Submit a Retrieve market type permissions for an Account GET Call on your assigned account.
5. Validate the first product returned (print exact name as returned)

2	Validate the first product returned		Pending
	First Product: <input type="text"/>		
	Submit		

GET - Retrieve Permissioned Products for an Account

The purpose of this test is to verify that the client system can retrieve the eligible products for a specified account.

Steps of the test: GET - Retrieve permissioned products for an Account

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 retrieve the eligible products for a specified account

Category	Value
API URL	https://autocertqa.ciq.chicago.cme.com/ams/api/rest/v1/productPermissions/clearing/{Service}/{Clearing Firm}/{Account Number}
Clearing Firm name	
Clearing Account	API_ACP_ALL

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

Description	Flag	Status
1 Submit a Retrieve permissioned products for an Account GET Call on your assigned clearing account		Complete
2 Validate the first product returned		Complete

Key: not tested complete pending failed

REFRESH

- Specification: [CME ClearPort \(CPC\) and CME Direct \(CMED\) \(Globex\)](#)

▶ To run the GET - Retrieve Permissioned Products for an Account test

1. Select a SenderCompID.
2. Click **START TEST**.
3. Click **REFRESH**.

Note: To restart the test, click **START TEST** and then click **REFRESH**.

4. Submit a Retrieve permissioned products for an Account GET Call on your assigned clearing account.
5. Validate the first product returned (print exact name as returned)

2	Validate the first product returned First Product : <input type="text"/> Submit		Pending
---	--	--	---------

GET - Retrieve Eligible Brokers for an Account

The purpose of this test is to verify that the client system can retrieve the eligible brokers for a specified account.

Steps of the test: GET - Retrieve Eligible Brokers for an Account

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 retrieve the eligible brokers for a specified account

Category	Value
API URL	https://autocertqa.ciq.chicago.cme.com/ams/api/rest/v1/eligibleBrokers/clearing/{Service}/{Clearing Firm}/{Account Number}
Clearing Firm name	
Clearing Account	API_ACP_ALL

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**

Description	Flag	Status
1 Submit a Retrieve eligible brokers for an Account GET Call on your assigned account		Complete
2 Validate the first broker firm returned		Complete

Key: not tested complete pending failed

REFRESH

- Specification: [CME ClearPort \(CPC\) and CME Direct \(CMED\) \(Globex\)](#)

▶ To run the GET - Retrieve Eligible Brokers for an Account test

1. Select a SenderCompID.
2. Click **START TEST**.
3. Click **REFRESH**.

Note: To restart the test, click **START TEST** and then click **REFRESH**.

4. Submit a Retrieve eligible brokers for an Account GET Call on your assigned account.
5. Validate the first broker firm returned (shortName)

2	Validate the first broker firm returned First Broker firm (shortName) : <input type="text"/> Submit		Pending
---	--	--	---------

GET - Retrieve Broker Permissions for an Account

The purpose of this test is to verify that the client system can retrieve the permissions on eligible brokers for a specified account.

Steps of the test: GET - Retrieve Broker Permissions for an Account

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 retrieve the permissions on eligible brokers for a specified account

Category	Value
API URL	https://autocertqa.ciq.chicago.cme.com/ams/api/rest/v1/brokerPermissions/clearing/{Service}/{Clearing Firm}/{Account Number}
Clearing Firm name	
Clearing Account	API_ACP_ALL

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

Description	Flag	Status
1 Submit a Retrieve permissioned brokers for an Account GET Call on your assigned account		Complete
2 Validate the first broker firm returned		Complete

Key:  not tested  complete  pending  failed

REFRESH

- Specification: [CME ClearPort \(CPC\) and CME Direct \(CMED\) \(Globex\)](#)

To run the GET - Retrieve Broker Permissions for an Account test

1. Select a SenderCompID.
2. Click **START TEST**.
3. Click **REFRESH**.

Note: To restart the test, click **START TEST** and then click **REFRESH**.

4. Submit a Retrieve permissioned brokers for an Account GET Call on your assigned account.
5. Validate the first broker firm returned (shortName)

2	Validate the first broker firm returned First Broker firm (shortName) : <input type="text"/> <input type="button" value="Submit"/>		Pending
---	--	---	---------

POST Tests

POST tests consist of the following:

- [POST - Update or Delete Limits for a product on an Account using the CPC or CMED service](#)
- [POST - Update or Delete Limits for an Account on service ICC](#)
- [POST - Update or Delete Market Types for an Account](#)
- [POST - Update or Delete Product Permissions for an Account](#)
- [POST - Update and Delete Broker Permissions for an Account](#)
- [POST - Copy an Existing Account to Create a New Account](#)
- [POST - Update an Account to Active and Inactive](#)
- [POST - Update the Execution Firm Status of an ICC Account](#)

POST - Update or Delete Limits for a Product on an Account Using the CPC or CMED Service





The purpose of this test is to verify that the client system can successfully update the product limits for a specified account.

Steps of the test: POST - Update or Delete Limits for a product on an Account using the CPC or CMED service

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 successfully update the product limits for a specified account

Description	Flag	Status
1 Submit an accountLimitsUtilization GET Call on your assigned clearing account to retrieve the current limits		Complete
2 Validate the Max Quantity Long Limit for the E-MINI SP 500 FUTURES product		Complete
3 Update the Max Quantity Long Limit for the E-MINI SP 500 FUTURES product of your assigned account by increasing the value by 10 by submitting an accountLimitsUtilization POST Call		Complete
4 Validate the Max Quantity Long Limit on your assigned clearing account		Complete

Key:  not tested  complete  pending  failed

REFRESH

- Specification: [CME ClearPort \(CPC\) and CME Direct \(CMED\) \(Globex\)](#)

▶ To run the POST - Update or Delete Limits for a Product on an Account Using the CPC or CMED Service test

1. Select a SenderCompID.
2. Click **START TEST**.
3. Click **REFRESH**.




Note: To restart the test, click **START TEST** and then click **REFRESH**.

4. Submit an accountLimitsUtilization GET Call on your assigned clearing account to retrieve the current limits.
5. Validate the Max Quantity Long Limit for the E-MINI S&P 500 FUTURES product.

2	Validate the Max Quantity Long Limit for the E-MINI SP 500 FUTURES product Long limit for ES.FUT.CME product : <input type="text"/> <input type="button" value="Submit"/>		Pending
---	---	---	---------

6. Update the Max Quantity Long Limit for the E-MINI S&P 500 FUTURES product of your assigned account by increasing the value by 10 by submitting an accountLimitsUtilization POST Call.
7. Validate the Max Quantity Long Limit on your assigned clearing account.

4	Validate the Max Quantity Long Limit on your assigned clearing account Long limit for ES.FUT.CME product : <input type="text"/> <input type="button" value="Submit"/>		Pending
---	---	---	---------

POST - Update or Delete Limits for an Account on Service ICC

The purpose of this test is to verify that the client system can successfully update the limits for a specified account.

Steps of the test: POST - Update or Delete Limits for an Account on service ICC

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 successfully update the limits for a specified account

Category	Value
API URL	https://autocertqa.ciq.chicago.cme.com/ams/api/rest/v1/accountLimitsUtilization/clearing/{Service}/{Clearing Firm}/{Account Number}
Clearing Firm name	
Clearing Account	API_ACP_ALL

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**

Description	Flag	Status
1 Retrieve Limits and Utilization for an Account by submitting an accountLimitsUtilization GET Call for the ICC service on your assigned account		Complete
2 Validate the first Product and the long limit under cmfLimits		Complete
3 Increase the CMF Long Credit Limit of your assigned account by 10 by submitting an Update Limits for an Account POST Call		Complete
4 Validate the updated Credit Limit for your assigned account		Complete

Key: not tested complete pending failed

REFRESH

- Specification: [Inline Credit Controls \(ICC\) Specifications](#)

To run the POST - Update or Delete Limits for an Account on Service ICC test

1. Select a SenderCompID.
2. Click **START TEST**.
3. Click **REFRESH**.

Note: To restart the test, click **START TEST** and then click **REFRESH**.

4. Retrieve Limits and Utilization for an Account by submitting an accountLimitsUtilization GET Call for the ICC service on your assigned account.
5. Validate the first Product and the long limit under cmfLimits.

2	Validate the first Product and the long limit under cmfLimits		Pending
	:		
	Long limit under cmfLimits of the First product :		
Submit			

6. Increase the CMF Long Credit Limit of your assigned account by 10 by submitting an Update Limits for an Account POST Call.
7. Validate the updated Credit Limit for your assigned account.

4	<p>Validate the updated Credit Limit for your assigned account</p> <p>Long limit under cmfLimits of the First product : <input type="text"/></p> <p>Submit</p>		Pending
---	--	---	---------

POST - Update or Delete Market Types for an Account

The purpose of this test is to verify that the client system can successfully add or delete the Market Types for a specified account.

Steps of the test: POST - Update or Delete Market Types for an Account

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.

Category	Value
API URL	https://autocertqa.ciq.chicago.cme.com/ams/api/rest/v1/marketPermissions/clearing/{Service}/{Clearing Firm}/{Account Number}
Clearing Firm name	
Clearing Account	API_ACP_ALL

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

Description	Flag	Status
1 Retrieve market type permissions for an Account by submitting a marketPermissions GET Call for Service CPC or CMED on your assigned account		Complete
2 Validate the first Market Type Name returned and the Permission for the CBOT Market Type		Complete
3 With the same service, update the CBOT Market Type Permission on your assigned clearing account to a different value by submitting a marketPermissions POST Call		Complete

Key: not tested complete pending failed

REFRESH

- Specification: [CME ClearPort \(CPC\) and CME Direct \(CMED\) \(Globex\)](#)

To run the POST - Update or Delete Market Types for an Account test

1. Select a SenderCompID.
2. Click **START TEST**.
3. Click **REFRESH**.

Note: To restart the test, click **START TEST** and then click **REFRESH**.

4. Retrieve market type permissions for an Account by submitting a marketPermissions GET Call for Service CPC or CMED on your assigned account.
5. Validate the first Market Type Name returned (print exact name as returned) and the permission for the CBOT Market Type.

2	Validate the first Market Type Name returned and the Permission for the CBOT Market Type First Market Type Name : <input type="text"/> Permission for the CBOT Market Type : <input type="text"/> Submit		Pending
---	--	--	---------

6. With the same service, update the CBOT Market Type Permission on your assigned clearing account to a different value by submitting a marketPermissions POST Call.

POST - Update or Delete Product Permissions for an Account

The purpose of this test is to verify that the client system can successfully update or delete the product permissions for a specified account.

Steps of the test: POST - Update or Delete Product Permissions for an Account

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 successfully update or delete the product permissions for a specified account

Category	Value
API URL	https://autocertqa.ciq.chicago.cme.com/ams/api/rest/v1/productPermissions/clearing/{Service}/{Clearing Firm}/{Account Number}
Clearing Firm name	
Clearing Account	API_ACP_ALL

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**

Description	Flag	Status
1 Submit a Retrieve permissioned products for an Account GET Call on your assigned clearing account		Complete
2 Validate the first product returned		Complete
3 Remove the product Permission for the product listed in step 2 by submitting a productPermissions POST Call		Complete

Key: not tested complete pending failed

REFRESH

- Specification: [CME ClearPort \(CPC\) and CME Direct \(CMED\) \(Globex\)](#)

To run the POST - Update or Delete Product Permissions for an Account test

1. Select a SenderCompID.
2. Click **START TEST**.
3. Click **REFRESH**.

Note: To restart the test, click **START TEST** and then click **REFRESH**.

4. Submit a Retrieve permissioned products for an Account GET Call on your assigned clearing account.
5. Validate the first product returned (print exact name as returned)

2	Validate the first product returned First Product : <input type="text"/> Submit	Pending
---	--	---------

6. Remove the product Permission for the product listed in step 2 by submitting a productPermissions POST Call.

POST - Update and Delete Broker Permissions for an Account

The purpose of this test is to verify that the client system can update or delete the permissions on eligible brokers for a specified account.

Steps of the test: POST - Update and Delete Broker Permissions for an Account

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 update or delete the permissions on eligible brokers for a specified account

Category	Value
API URL	https://autocertqa.ciq.chicago.cme.com/ams/api/rest/v1/eligibleBrokers/clearing/{Service}/{Clearing Firm}/{Account Number}
API URL	https://autocertqa.ciq.chicago.cme.com/ams/api/rest/v1/brokerPermissions/clearing/{Service}/{Clearing Firm}/{Account Number}
Clearing Firm name	
Clearing Account	API_ACP_ALL

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

Description	Flag	Status
1 Submit a Retrieve eligible brokers for an Account GET Call on your assigned clearing account		Complete
2 Validate the first broker firm returned		Complete
3 Add the Broker identified in step 2 as a permissioned Broker on your assigned clearing account by submitting a POST call brokerPermissions		Complete
4 Ensure the Broker was added by submitting a Retrieve permissioned brokers for an Account GET Call on your assigned clearing account		Complete
5 Was the Broker identified in step 2 properly permissioned to your assigned clearing account?		Complete
6 Remove the Broker identified in step 2 as a permissioned Broker on your assigned clearing account by submitting a POST call brokerPermissions to delete		Complete

Key: not tested complete pending failed

REFRESH

- Specification: [CME ClearPort \(CPC\) and CME Direct \(CMED\) \(Globex\)](#)

To run the POST - Update and Delete Broker Permissions for an Account test

1. Select a SenderCompID.
2. Click **START TEST**.
3. Click **REFRESH**.

Note: To restart the test, click **START TEST** and then click **REFRESH**.

4. Submit a Retrieve eligible brokers for an Account GET Call on your assigned clearing account.
5. Validate the first broker firm returned (shortName)

2	Validate the first broker firm returned First Broker firm (shortName): <input type="text"/> Submit		Pending
---	---	--	---------

6. Add the Broker identified in step 2 as a permissioned Broker on your assigned clearing account by submitting a POST call brokerPermissions
7. Ensure the Broker was added by submitting a Retrieve permissioned brokers for an Account GET Call on your assigned clearing account.

8. Was the Broker identified in step 2 properly permissioned to your assigned clearing account?
9. Remove the Broker identified in step 2 as a permissioned Broker on your assigned clearing account by submitting a POST call `brokerPermissions` to delete.

POST - Copy an Existing Account to Create a New Account

The purpose of this test is to verify that the client system can successfully copy an existing account in order to create a new account and then activate it.

Steps of the test: POST - Copy an Existing Account to Create a New Account

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 successfully copy an existing account in order to create a new account and then activate it

Category	Value
API URL	https://autocertqa.ciq.chicago.cme.com/ams/api/rest/v1/copy/clearing/{Clearing Firm}
Clearing Firm name	
Clearing Account	API_ACP_ALL

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

Description	Flag	Status
1 Submit a Copy POST command using your assigned clearing account as the template to create a new clearing account with a different name		Complete
2 Verify the id returned on the new clearing account		Complete
3 Activate the new clearing account with a status POST command		Complete
4 Deactivate the new clearing account with a status POST command		Complete

Key: not tested complete pending failed

REFRESH

- Specification: [CME ClearPort \(CPC\) and CME Direct \(CMED\) \(Globex\)](#)

▶ To run the POST - Copy an Existing Account to Create a New Account test

- Select a SenderCompID.
- Click **START TEST**.
- Click **REFRESH**.

Note: To restart the test, click **START TEST** and then click **REFRESH**.

- Submit a Copy POST command using your assigned clearing account as the template to create a new clearing account with a different name.
- Verify the ID returned on the new clearing account.

2	Verify the id returned on the new clearing account ID on the New Clearing Account : <input type="text"/> Submit		Pending
---	--	--	---------

- Activate the new clearing account with a status POST command.
- Deactivate the new clearing account with a status POST command.

POST - Update an Account to Active and Inactive

The purpose of this test is to verify that the client system can successfully activate and deactivate an existing account.



Steps of the test: POST - Update an Account to Active and Inactive





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 successfully activate and deactivate an existing account

Category	Value
API URL	https://autocertqa.ciq.chicago.cme.com/ams/api/rest/v1/status/clearing/{Clearing Firm}
Clearing Firm name	
Clearing Account	API_ACP_ALL

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**

Description	Flag	Status
1 Deactivate the assigned clearing account with a status POST command		Complete
2 Activate the new clearing account with a status POST command		Complete

Key:  not tested  complete  pending  failed

REFRESH

Specifications:

- [Inline Credit Controls \(ICC\) Specifications](#)
- [CME ClearPort \(CPC\) and CME Direct \(CMED\) \(Globex\)](#)

▶ To run the POST - Update an Account to Active and Inactive test

1. Select a SenderCompID.
2. Click **START TEST**.
3. Click **REFRESH**.

 **Note:** To restart the test, click **START TEST** and then click **REFRESH**.

4. Deactivate the assigned clearing account with a status POST command.
5. Activate the new clearing account with a status POST command.

POST - Update the Execution Firm Status of an ICC Account

The purpose of this test is to verify that the client system can update the execution firm status for a specified ICC account.

Interview
Test Suite
Test Case
Post Certification
Help

Steps of the test: POST - Update the Execution Firm Status of an ICC account

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 update the execution firm status for a specified ICC account

Please assign a SenderCompID and make sure a valid contract is selected to start certifying a test.

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

Description	Flag	Status
1 Submit an Execution Firm Status GET Call on your assigned clearing account		Not Tested
2 Validate the Executing Firm ID (efID) and the suspended status returned		Not Tested
3 Update the suspended status to 'Y' of the identified execution firm and clearing account from step 2 by submitting a POST call Execution Firm Status (efStatus)		Not Tested
4 Update the suspended status to 'N' of the identified execution firm and clearing account from step 2 by submitting a POST call Execution Firm Status (efStatus)		Not Tested

Key: not tested complete pending failed

REFRESH

- Specification: [Inline Credit Controls \(ICC\) Specifications](#)

▶ To run the POST - Update the Execution Firm Status of an ICC Account test

- Submit an Execution Firm Status GET Call on your assigned clearing account.
- Validate the Executing Firm ID (efID) and the suspended status returned.

2	Validate the Executing Firm ID (efID) and the suspended status returned First efid : <input type="text"/> Suspended status of first efid : <input type="text" value="Y"/> <div>Submit</div>		Pending
---	---	--	---------

- Update the suspended status to 'Y' of the identified execution firm and clearing account from step 2 by submitting a POST call Execution Firm Status (efStatus).
- Update the suspended status to 'N' of the identified execution firm and clearing account from step 2 by submitting a POST call Execution Firm Status (efStatus).