



20-208

TO: Clearing Member Firms  
Chief Financial Officers  
Back Office Managers  
Margin Managers

FROM: CME Clearing

SUBJECT: Performance Bond Requirements

DATE: Thursday, June 2, 2022

***To receive advanced notification of Performance Bond (margin) changes, through our free automated mailing list, go to***

***<http://www.cmegroup.com/newsletter/web2lead/web2sf-old.html>***

***and subscribe to the Performance Bond Rates Advisory Notice listserver.***

As per the normal review of market volatility to ensure adequate collateral coverage, the Chicago Mercantile Exchange Inc., Clearing House Risk Management staff approved the performance bond requirements for the following products listed below. Please email any questions to [Clearing.RiskManagement@cmegroup.com](mailto:Clearing.RiskManagement@cmegroup.com).

The rates will be effective after the close of business on

**Friday, June 3, 2022.**

Current rates as of:

**Thursday, June 2, 2022.**

In this current advisory there are changes to the Short Option Minimum and/or the Volatility Scan Range. Below are descriptions of what each change affects:

The Short Option Minimum (SOM) is a charge that is applied only to portfolios concentrated in short options that do not generate a minimum margin requirement level when margins are calculated using the normal 16 SPAN scenarios. The SOM charge per short calls or short puts is a percentage of the outright margin on one underlying futures contract.

The volatility scan range is the change in implied volatility that is used in each of SPAN's 16 scenarios.

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
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### Outright Rates

#### AGRICULTURE - Outright Rates

##### LIVE CATTLE FUTURES (LC)

LC	Non-HRP	Month 2	Increase	USD	1,400	1,400	1,600	1,600
LC	HRP	Month 2	Increase	USD	1,540	1,400	1,760	1,600
LC	Non-HRP	Month 1	Increase	USD	1,400	1,400	1,600	1,600
LC	HRP	Month 1	Increase	USD	1,540	1,400	1,760	1,600
LC	Non-HRP	Month 3	Increase	USD	1,400	1,400	1,600	1,600
LC	HRP	Month 3	Increase	USD	1,540	1,400	1,760	1,600
LC	Non-HRP	Month 4	Increase	USD	1,400	1,400	1,600	1,600
LC	HRP	Month 4	Increase	USD	1,540	1,400	1,760	1,600
LC	Non-HRP	Month 5	Increase	USD	1,400	1,400	1,600	1,600
LC	HRP	Month 5	Increase	USD	1,540	1,400	1,760	1,600
LC	Non-HRP	Months 6+	Increase	USD	1,400	1,400	1,600	1,600
LC	HRP	Months 6+	Increase	USD	1,540	1,400	1,760	1,600

##### LIVE CATTLE TRADE AT SETTLEMENT (LET)

LET	Non-HRP	Month 2	Increase	USD	1,400	1,400	1,600	1,600
LET	HRP	Month 2	Increase	USD	1,540	1,400	1,760	1,600
LET	Non-HRP	Month 1	Increase	USD	1,400	1,400	1,600	1,600
LET	HRP	Month 1	Increase	USD	1,540	1,400	1,760	1,600
LET	Non-HRP	Month 3	Increase	USD	1,400	1,400	1,600	1,600
LET	HRP	Month 3	Increase	USD	1,540	1,400	1,760	1,600
LET	Non-HRP	Month 4	Increase	USD	1,400	1,400	1,600	1,600
LET	HRP	Month 4	Increase	USD	1,540	1,400	1,760	1,600
LET	Non-HRP	Month 5	Increase	USD	1,400	1,400	1,600	1,600
LET	HRP	Month 5	Increase	USD	1,540	1,400	1,760	1,600
LET	Non-HRP	Months 6+	Increase	USD	1,400	1,400	1,600	1,600
LET	HRP	Months 6+	Increase	USD	1,540	1,400	1,760	1,600

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
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**Intra Spreads**

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>AGRICULTURE - Intra Spreads</b>								
<b>Month 1 vs Month 5 (LEAN HOG FUTURES)</b>								
LN	Non-HRP		Increase	USD	1,600	1,600	1,750	1,750
LN	HRP		Increase	USD	1,760	1,600	1,925	1,750
<b>Month 1 vs Month 5 (LEAN HOGS TRADE AT SETTLE)</b>								
HET	Non-HRP		Increase	USD	1,600	1,600	1,750	1,750
HET	HRP		Increase	USD	1,760	1,600	1,925	1,750
<b>Month 1 vs Month 6 (LEAN HOG FUTURES)</b>								
LN	Non-HRP		Increase	USD	1,600	1,600	1,800	1,800
LN	HRP		Increase	USD	1,760	1,600	1,980	1,800
<b>Month 1 vs Month 6 (LEAN HOGS TRADE AT SETTLE)</b>								
HET	Non-HRP		Increase	USD	1,600	1,600	1,800	1,800
HET	HRP		Increase	USD	1,760	1,600	1,980	1,800
<b>Month 1 vs Month 7 (LEAN HOG FUTURES)</b>								
LN	Non-HRP		Increase	USD	1,750	1,750	1,900	1,900
LN	HRP		Increase	USD	1,925	1,750	2,090	1,900
<b>Month 1 vs Month 7 (LEAN HOGS TRADE AT SETTLE)</b>								
HET	Non-HRP		Increase	USD	1,750	1,750	1,900	1,900
HET	HRP		Increase	USD	1,925	1,750	2,090	1,900
<b>Month 1 vs Months 8+ (LEAN HOG FUTURES)</b>								
LN	Non-HRP		Increase	USD	1,850	1,850	1,900	1,900
LN	HRP		Increase	USD	2,035	1,850	2,090	1,900
<b>Month 1 vs Months 8+ (LEAN HOGS TRADE AT SETTLE)</b>								
HET	Non-HRP		Increase	USD	1,850	1,850	1,900	1,900
HET	HRP		Increase	USD	2,035	1,850	2,090	1,900
<b>Month 2 vs Month 5 (LEAN HOG FUTURES)</b>								
LN	Non-HRP		Increase	USD	1,200	1,200	1,600	1,600
LN	HRP		Increase	USD	1,320	1,200	1,760	1,600
<b>Month 2 vs Month 5 (LEAN HOGS TRADE AT SETTLE)</b>								
HET	Non-HRP		Increase	USD	1,200	1,200	1,600	1,600
HET	HRP		Increase	USD	1,320	1,200	1,760	1,600
<b>Month 2 vs Month 6 (LEAN HOG FUTURES)</b>								
LN	Non-HRP		Increase	USD	1,450	1,450	1,750	1,750
LN	HRP		Increase	USD	1,595	1,450	1,925	1,750

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>Month 2 vs Month 6 (LEAN HOGS TRADE AT SETTLE)</b>								
HET	Non-HRP		Increase	USD	1,450	1,450	1,750	1,750
HET	HRP		Increase	USD	1,595	1,450	1,925	1,750
<b>Month 2 vs Month 7 (LEAN HOG FUTURES)</b>								
LN	Non-HRP		Increase	USD	1,700	1,700	1,800	1,800
LN	HRP		Increase	USD	1,870	1,700	1,980	1,800
<b>Month 2 vs Month 7 (LEAN HOGS TRADE AT SETTLE)</b>								
HET	Non-HRP		Increase	USD	1,700	1,700	1,800	1,800
HET	HRP		Increase	USD	1,870	1,700	1,980	1,800
<b>Month 2 vs Months 8+ (LEAN HOG FUTURES)</b>								
LN	Non-HRP		Increase	USD	1,750	1,750	1,900	1,900
LN	HRP		Increase	USD	1,925	1,750	2,090	1,900
<b>Month 2 vs Months 8+ (LEAN HOGS TRADE AT SETTLE)</b>								
HET	Non-HRP		Increase	USD	1,750	1,750	1,900	1,900
HET	HRP		Increase	USD	1,925	1,750	2,090	1,900
<b>Month 3 vs Month 5 (LEAN HOG FUTURES)</b>								
LN	Non-HRP		Increase	USD	925	925	1,100	1,100
LN	HRP		Increase	USD	1,018	925	1,210	1,100
<b>Month 3 vs Month 5 (LEAN HOGS TRADE AT SETTLE)</b>								
HET	Non-HRP		Increase	USD	925	925	1,100	1,100
HET	HRP		Increase	USD	1,018	925	1,210	1,100
<b>Month 3 vs Month 6 (LEAN HOG FUTURES)</b>								
LN	Non-HRP		Increase	USD	1,470	1,470	1,600	1,600
LN	HRP		Increase	USD	1,617	1,470	1,760	1,600
<b>Month 3 vs Month 6 (LEAN HOGS TRADE AT SETTLE)</b>								
HET	Non-HRP		Increase	USD	1,470	1,470	1,600	1,600
HET	HRP		Increase	USD	1,617	1,470	1,760	1,600
<b>Month 3 vs Month 7 (LEAN HOG FUTURES)</b>								
LN	Non-HRP		Increase	USD	1,650	1,650	1,700	1,700
LN	HRP		Increase	USD	1,815	1,650	1,870	1,700
<b>Month 3 vs Month 7 (LEAN HOGS TRADE AT SETTLE)</b>								
HET	Non-HRP		Increase	USD	1,650	1,650	1,700	1,700
HET	HRP		Increase	USD	1,815	1,650	1,870	1,700

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
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### Intra Spreads

#### FX - Intra Spreads

#### Russian Ruble - Tier 1 vs. Tier 1 (RU RUSSIAN RUBLE FUTURES)

RU	Non-HRP		Increase	USD	2,100	2,100	3,100	3,100
RU	HRP		Increase	USD	2,310	2,100	3,410	3,100

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>METALS - Intra Spreads</b>								
<b>CX-AUP Consecutive Spread - Months 02+ (ALUMINUM MW TRANS PREM PLATTS FUT)</b>								
AUP	Non-HRP		Decrease	USD	1,500	1,500	1,300	1,300
AUP	HRP		Decrease	USD	1,650	1,500	1,430	1,300
<b>CX-AUP Mnth(s) 01-21 vs. Mnth(s) 22+ (ALUMINUM MW TRANS PREM PLATTS FUT)</b>								
AUP	Non-HRP		Decrease	USD	1,900	1,900	1,500	1,500
AUP	HRP		Decrease	USD	2,090	1,900	1,650	1,500
<b>CX-AUP Mnth(s) 22+ vs. Mnth(s) 22+ (ALUMINUM MW TRANS PREM PLATTS FUT)</b>								
AUP	Non-HRP		Decrease	USD	1,900	1,900	1,500	1,500
AUP	HRP		Decrease	USD	2,090	1,900	1,650	1,500
<b>CX-GC Consecutive Spread Mnths 01-12 (COMEX 100 GOLD FUTURES)</b>								
GC	Non-HRP		Decrease	USD	250	250	200	200
GC	HRP		Decrease	USD	275	250	220	200
<b>CX-GC Consecutive Spread Mnths 01-12 (COMEX 100 GOLD TRADE AT SETTLEMENT)</b>								
GCT	Non-HRP		Decrease	USD	250	250	200	200
GCT	HRP		Decrease	USD	275	250	220	200
<b>CX-GC Consecutive Spread Mnths 01-12 (E-MINI GOLD FUTURES)</b>								
QO	Non-HRP		Decrease	USD	125	125	100	100
QO	HRP		Decrease	USD	138	125	110	100
<b>CX-GC Consecutive Spread Mnths 01-12 (GOLD LONDON TAM FIRST PM)</b>								
GCD	Non-HRP		Decrease	USD	250	250	200	200
GCD	HRP		Decrease	USD	275	250	220	200
<b>CX-GC Consecutive Spread Mnths 01-12 (MICRO GOLD FUTURES)</b>								
MGC	Non-HRP		Decrease	USD	25	25	20	20
MGC	HRP		Decrease	USD	28	25	22	20
<b>CX-GC Consecutive Spread Mnths 01-12 (MICRO GOLD TAS)</b>								
MGT	Non-HRP		Decrease	USD	25	25	20	20
MGT	HRP		Decrease	USD	28	25	22	20
<b>CX-GC Mnths 01-03 vs. CX-GC Mnths 04-07 (COMEX 100 GOLD FUTURES)</b>								
GC	Non-HRP		Decrease	USD	350	350	300	300
GC	HRP		Decrease	USD	385	350	330	300
<b>CX-GC Mnths 01-03 vs. CX-GC Mnths 04-07 (COMEX 100 GOLD TRADE AT SETTLEMENT)</b>								
GCT	Non-HRP		Decrease	USD	350	350	300	300
GCT	HRP		Decrease	USD	385	350	330	300

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>CX-GC Mnths 01-03 vs. CX-GC Mnths 04-07 (E-MINI GOLD FUTURES)</b>								
QO	Non-HRP		Decrease	USD	175	175	150	150
QO	HRP		Decrease	USD	193	175	165	150
<b>CX-GC Mnths 01-03 vs. CX-GC Mnths 04-07 (GOLD LONDON TAM FIRST PM)</b>								
GCD	Non-HRP		Decrease	USD	350	350	300	300
GCD	HRP		Decrease	USD	385	350	330	300
<b>CX-GC Mnths 01-03 vs. CX-GC Mnths 04-07 (MICRO GOLD FUTURES)</b>								
MGC	Non-HRP		Decrease	USD	35	35	30	30
MGC	HRP		Decrease	USD	39	35	33	30
<b>CX-GC Mnths 01-03 vs. CX-GC Mnths 04-07 (MICRO GOLD TAS)</b>								
MGT	Non-HRP		Decrease	USD	35	35	30	30
MGT	HRP		Decrease	USD	39	35	33	30
<b>CX-GC Mnths 01-03 vs. CX-GC Mnths 13-16 (COMEX 100 GOLD FUTURES)</b>								
GC	Non-HRP		Increase	USD	650	650	750	750
GC	HRP		Increase	USD	715	650	825	750
<b>CX-GC Mnths 01-03 vs. CX-GC Mnths 13-16 (COMEX 100 GOLD TRADE AT SETTLEMENT)</b>								
GCT	Non-HRP		Increase	USD	650	650	750	750
GCT	HRP		Increase	USD	715	650	825	750
<b>CX-GC Mnths 01-03 vs. CX-GC Mnths 13-16 (E-MINI GOLD FUTURES)</b>								
QO	Non-HRP		Increase	USD	325	325	375	375
QO	HRP		Increase	USD	358	325	413	375
<b>CX-GC Mnths 01-03 vs. CX-GC Mnths 13-16 (GOLD LONDON TAM FIRST PM)</b>								
GCD	Non-HRP		Increase	USD	650	650	750	750
GCD	HRP		Increase	USD	715	650	825	750
<b>CX-GC Mnths 01-03 vs. CX-GC Mnths 13-16 (MICRO GOLD FUTURES)</b>								
MGC	Non-HRP		Increase	USD	65	65	75	75
MGC	HRP		Increase	USD	72	65	83	75
<b>CX-GC Mnths 01-03 vs. CX-GC Mnths 13-16 (MICRO GOLD TAS)</b>								
MGT	Non-HRP		Increase	USD	65	65	75	75
MGT	HRP		Increase	USD	72	65	83	75
<b>CX-GC Mnths 04-07 vs. CX-GC Mnths 13-16 (COMEX 100 GOLD FUTURES)</b>								
GC	Non-HRP		Increase	USD	500	500	650	650
GC	HRP		Increase	USD	550	500	715	650

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>CX-GC Mnths 04-07 vs. CX-GC Mnths 13-16 (COMEX 100 GOLD TRADE AT SETTLEMENT)</b>								
GCT	Non-HRP		Increase	USD	500	500	650	650
GCT	HRP		Increase	USD	550	500	715	650
<b>CX-GC Mnths 04-07 vs. CX-GC Mnths 13-16 (E-MINI GOLD FUTURES)</b>								
QO	Non-HRP		Increase	USD	250	250	325	325
QO	HRP		Increase	USD	275	250	358	325
<b>CX-GC Mnths 04-07 vs. CX-GC Mnths 13-16 (GOLD LONDON TAM FIRST PM)</b>								
GCD	Non-HRP		Increase	USD	500	500	650	650
GCD	HRP		Increase	USD	550	500	715	650
<b>CX-GC Mnths 04-07 vs. CX-GC Mnths 13-16 (MICRO GOLD FUTURES)</b>								
MGC	Non-HRP		Increase	USD	50	50	65	65
MGC	HRP		Increase	USD	55	50	72	65
<b>CX-GC Mnths 04-07 vs. CX-GC Mnths 13-16 (MICRO GOLD TAS)</b>								
MGT	Non-HRP		Increase	USD	50	50	65	65
MGT	HRP		Increase	USD	55	50	72	65
<b>CX-GC Mnths 08-12 vs. CX-GC Mnths 13-16 (COMEX 100 GOLD FUTURES)</b>								
GC	Non-HRP		Increase	USD	500	500	650	650
GC	HRP		Increase	USD	550	500	715	650
<b>CX-GC Mnths 08-12 vs. CX-GC Mnths 13-16 (COMEX 100 GOLD TRADE AT SETTLEMENT)</b>								
GCT	Non-HRP		Increase	USD	500	500	650	650
GCT	HRP		Increase	USD	550	500	715	650
<b>CX-GC Mnths 08-12 vs. CX-GC Mnths 13-16 (E-MINI GOLD FUTURES)</b>								
QO	Non-HRP		Increase	USD	250	250	325	325
QO	HRP		Increase	USD	275	250	358	325
<b>CX-GC Mnths 08-12 vs. CX-GC Mnths 13-16 (GOLD LONDON TAM FIRST PM)</b>								
GCD	Non-HRP		Increase	USD	500	500	650	650
GCD	HRP		Increase	USD	550	500	715	650
<b>CX-GC Mnths 08-12 vs. CX-GC Mnths 13-16 (MICRO GOLD FUTURES)</b>								
MGC	Non-HRP		Increase	USD	50	50	65	65
MGC	HRP		Increase	USD	55	50	72	65
<b>CX-GC Mnths 08-12 vs. CX-GC Mnths 13-16 (MICRO GOLD TAS)</b>								
MGT	Non-HRP		Increase	USD	50	50	65	65
MGT	HRP		Increase	USD	55	50	72	65

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>CX-HDG Month(s) 01-04 vs CX-HDG Month(s) 01-04 (U.S. MIDWEST DOM STEEL PREM(CRU)FUT)</b>								
HDG	Non-HRP		Increase	USD	1,050	1,050	1,400	1,400
HDG	HRP		Increase	USD	1,155	1,050	1,540	1,400
<b>CX-HDG Month(s) 01-04 vs CX-HDG Month(s) 05+ (U.S. MIDWEST DOM STEEL PREM(CRU)FUT)</b>								
HDG	Non-HRP		Increase	USD	1,050	1,050	1,400	1,400
HDG	HRP		Increase	USD	1,155	1,050	1,540	1,400
<b>CX-HDG Month(s) 05+ vs CX-HDG Month(s) 05+ (U.S. MIDWEST DOM STEEL PREM(CRU)FUT)</b>								
HDG	Non-HRP		Increase	USD	1,050	1,050	1,400	1,400
HDG	HRP		Increase	USD	1,155	1,050	1,540	1,400
<b>CX-LTH Month(s) 01 vs Month(s) 02-03 (LITHIUM HYDROXIDE (FASTMARKETS) FUT)</b>								
LTH	Non-HRP		Increase	USD	3,750	3,750	5,000	5,000
LTH	HRP		Increase	USD	4,125	3,750	5,500	5,000
<b>CX-LTH Month(s) 01 vs Month(s) 04-06 (LITHIUM HYDROXIDE (FASTMARKETS) FUT)</b>								
LTH	Non-HRP		Increase	USD	3,750	3,750	5,000	5,000
LTH	HRP		Increase	USD	4,125	3,750	5,500	5,000
<b>CX-LTH Month(s) 01 vs Month(s) 07+ (LITHIUM HYDROXIDE (FASTMARKETS) FUT)</b>								
LTH	Non-HRP		Increase	USD	3,750	3,750	5,000	5,000
LTH	HRP		Increase	USD	4,125	3,750	5,500	5,000
<b>CX-TIO Months 01 vs Months 05-09 (IRON ORE 62% FE CFR CHINA FUTURES)</b>								
TIO	Non-HRP		Decrease	USD	9,500	9,500	8,000	8,000
TIO	HRP		Decrease	USD	10,450	9,500	8,800	8,000
<b>CX-TIO Months 01 vs Months 10+ (IRON ORE 62% FE CFR CHINA FUTURES)</b>								
TIO	Non-HRP		Decrease	USD	9,250	9,250	7,500	7,500
TIO	HRP		Decrease	USD	10,175	9,250	8,250	7,500
<b>Months 01 vs Months 02-04 (IRON ORE 62% FE CFR CHINA FUTURES)</b>								
TIO	Non-HRP		Decrease	USD	10,500	10,500	9,000	9,000
TIO	HRP		Decrease	USD	11,550	10,500	9,900	9,000
<b>Months 01 vs. Months 02-03 (COBALT METAL (FASTMARKETS) FUT)</b>								
COB	Non-HRP		Decrease	USD	2,700	2,700	1,500	1,500
COB	HRP		Decrease	USD	2,970	2,700	1,650	1,500
<b>Months 01 vs. Months 04-06 (COBALT METAL (FASTMARKETS) FUT)</b>								
COB	Non-HRP		Decrease	USD	3,500	3,500	1,500	1,500
COB	HRP		Decrease	USD	3,850	3,500	1,650	1,500

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

CC	Rate Type	Description	Change	ISO	Current Initial	Current Maintenance	New Initial	New Maintenance
<b>Intra Spreads</b>								
<b>Months 01 vs. Months 07+ (COBALT METAL (FASTMARKETS) FUT)</b>								
COB	Non-HRP		Decrease	USD	3,500	3,500	1,500	1,500
COB	HRP		Decrease	USD	3,850	3,500	1,650	1,500
<b>Months 01-04 vs. Months 01-04 (NORTH EURO HOT-ROLLED COIL STEEL)</b>								
EHR	Non-HRP		Decrease	EUR	2,500	2,500	2,300	2,300
EHR	HRP		Decrease	EUR	2,750	2,500	2,530	2,300
<b>Months 01-04 vs. Months 05+ (NORTH EURO HOT-ROLLED COIL STEEL)</b>								
EHR	Non-HRP		Decrease	EUR	3,200	3,200	2,300	2,300
EHR	HRP		Decrease	EUR	3,520	3,200	2,530	2,300
<b>Months 05+ vs. Months 05+ (NORTH EURO HOT-ROLLED COIL STEEL)</b>								
EHR	Non-HRP		Decrease	EUR	2,800	2,800	2,300	2,300
EHR	HRP		Decrease	EUR	3,080	2,800	2,530	2,300
<b>Months 11+ vs. Months 11+ (U.S. MIDWEST DOMESTIC HOT-ROLLED CO)</b>								
HR	Non-HRP		Decrease	USD	2,900	2,900	2,500	2,500
HR	HRP		Decrease	USD	3,190	2,900	2,750	2,500

## SPAN MINIMUM PERFORMANCE BOND REQUIREMENTS

Rate Type	Change	Ratio	Current Initial	Current Maintenance	New Initial	New Maintenance
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### Inter-commodity Spread Rates

#### FX - Inter-commodity Spread Rates

#### **AUSTRALIAN DOLLAR/CANADIAN DOLLAR CROSSRATE (AC - CME) vs EURO FX /CANADIAN DOLLAR CROSSRATE (CC - CME)**

Spread Credit Rate	Decrease	+1:-1	30%	30%	0%	0%
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#### **CANADIAN DOLLAR (CD-CME) vs JAPANESE YEN (JY-CME)**

Spread Credit Rate	Decrease	+1:-1	25%	25%	0%	0%
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#### **Cross Rate Australian Dollar/New Zealand Dollar (AN) vs. New Zealand Dollar (NE)**

Spread Credit Rate	Decrease	+2:+1	20%	20%	0%	0%
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#### **MICRO USD/CAD (M6C) vs JAPANESE YEN (JY)**

Spread Credit Rate	Decrease	+10:+1	25%	25%	0%	0%
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#### **MICRO USD/CAD (M6C) vs MICRO USD/JPY (M6J)**

Spread Credit Rate	Decrease	+1:-1	25%	25%	0%	0%
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#### **MICRO USD/JPY (M6J) vs CANADIAN DOLLAR (CD)**

Spread Credit Rate	Decrease	+10:+1	25%	25%	0%	0%
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#### REFINED PRODUCTS - Inter-commodity Spread Rates

#### **GULF COAST CBOB GASOLINE A2 (PLATTS) SWAP FUTURES (NY-CRG - CME) vs RBOB GASOLINE FUTURES (NY-RB - CME)**

Spread Credit Rate	Increase	+1:-1	77%	77%	90%	90%
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Rate Type	<u>Tier Description</u>	Change	Current Initial	Current Maintenance	New Initial	New Maintenance
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### Volatility Scan (volScan) Rate

#### ETHANOL - Volatility Scan (volScan) Rate

#### **CHICAGO ETHANOL (PLATTS) SWAP FUTURES (CU, CVR) - volScan**

Clearing Member Rate	Mths 2	Decrease		35.000%		30.000%
Clearing Member Rate	Mth 3-7	Decrease		30.000%		25.000%
Clearing Member Rate	Mnth 8+	Decrease		30.000%		25.000%