
NATIONAL COMMODITY CLEARING LIMITED

Circular to all Members of the Clearing Corporation

Circular No. : NCCL/RISK-016/2022

Date : April 25, 2022

Subject : Format of Report Downloads - Risk Management

Reference is drawn to NCCL circular nos. NCCL/RISK-017/2019 dated September 16, 2019 on Format of Report downloads - Risk Management and NCCL/RISK-040/2020 dated September 23, 2020 on Client Margin Reporting.

Members are hereby informed that the existing file formats for Margin Reporting for Clearing Member (MG 18) and Trading Member (MG 19) and Intraday Margin Report for Trading member (MARGIN_REP) and Clearing Member (CM MARGIN_REP) have been revised.

The revised file format of the report is provided in the Annexure

This circular shall be effective from beginning of trading day May 02, 2022.

Members and participants are requested to note the above.

For and on behalf of

National Commodity Clearing Limited

Ruchit Chaturvedi

Head – Risk Management

For further information / clarifications, please contact

1. Customer Service Group on toll free number: 1800 266 6007
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Annexure - File Format

1. Margin Reporting for Clearing Member (MG 18)

- Naming Convention: **NCDEX_MG18_<Prime Member Code>_<DDMMYYYY>.LIS**
- This report contains all the margin details including peak Initial Margin and Extreme Loss Margin for each account type level for each Trading Member.
- This report will be generated after close of trading hours on each business date.

Sr. No.	Column Name	Data Type	Description/Remarks
1	Date	Date(12)	Business Date in DD-MON-YYYY Format
2	TM/CP Code	Varchar2(12)	Trading Member/Custodian Participant Code
3	Portfolio based Margin	Number(20,2)	Commodity Futures Portfolio based Margin, Commodity Options Portfolio based Margin and Net Option Value (NOV), Index Futures Portfolio based Margin
4	Net Buy Premium (NBP)	Number(20,2)	Net Options Premium (Payable - Receivable)
5	Initial Margin	Number(20,2)	Portfolio based Margin + Net Buy Premium (excluding delivery margin)
6	Extreme Loss Margin	Number(20,2)	Extreme Loss Margin (Commodity Futures + Commodity Options + Index Futures)
7	Pre expiry Margin Futures	Number(20,2)	Pre expiry margin for Futures
8	Pre expiry Margin Options	Number(20,2)	Pre expiry margin for Options
9	Adhoc Margin	Number(20,2)	Adhoc Margin (Commodity Futures + Commodity Options + Index Futures)
10	Delivery Margin	Number(20,2)	Delivery Margin
11	Unidirectional Margin	Number(20,2)	Unidirectional Margin
12	Concentration Margin	Number(20,2)	Concentration Margin (Commodity Futures + Commodity Options + Index Futures)
13	Forward Initial Margin	Number(20,2)	Forward Initial Margin

14	Forward incremental Margin	Number(20,2)	Forward Incremental Margin
15	Peak Initial Margin	Number(20,2)	Will be sum of all Peak IM summed up from Client level to the TM level
16	Peak Extreme loss margin	Number(20,2)	Will be sum of all Peak ELM summed up from Client level to the TM level
17	Peak Snapshot Time	YYYYMMDD-HH:MM:SS	Time stamp of the Random Peak Value File generated during the day.
18	ED	Number(20,2)	Effective Deposit
19	Coll_Value_EOD	Number(20,2)	Collateral Value at EOD
20	Coll_Value_Peak_SA	Number(20,2)	The Collateral Value at the time of PEAK Short Allocation *SA= Short Allocation
21	IM_Peak_SA	Number(20,2)	sum(IM+ELM) at the time of PEAK Short Allocation *SA= Short Allocation
22	Short_Allocation_EOD	Number(20,2)	Collateral Value of EOD minus (EOD IM+EOD ELM)
23	Short_Allocation_Peak	Number(20,2)	Collateral Value of Peak Short Allocation minus (Peak Short Allocation IM+Peak Short Allocation ELM)

2. Margin Reporting for Trading Member (MG 19)

- Naming Convention: **NCDEX_MG19_<Trading Member Code>_<DDMMYYYY>.LIS**
- This report contains all the margin details including peak Initial Margin and Extreme Loss margin for each account type linked to such Trading Member.
- This report will be generated after close of trading hours on each business date.

Sr. No.	Column Name	Data Type	Description/Remarks
1	Date	Date(12)	Business Date in DD-MON-YYYY Format
2	Client Code	Varchar2(12)	Client Code

3	Portfolio based Margin	Number(20,2)	Commodity Futures Portfolio based Margin, Commodity Options Portfolio based Margin and Net Option Value (NOV), Index Futures Portfolio based Margin
4	Net Buy Premium (NBP)	Number(20,2)	Net Options Premium (Payable - Receivable)
5	Initial Margin	Number(20,2)	Portfolio based Margin + Net Buy Premium (excluding delivery margin)
6	Extreme Loss Margin	Number(20,2)	Extreme Loss Margin (Commodity Futures + Commodity Options + Index Futures)
7	Pre expiry Margin Futures	Number(20,2)	Pre expiry margin for Futures
8	Pre expiry Margin Options	Number(20,2)	Pre expiry margin for Options
9	Adhoc Margin	Number(20,2)	Adhoc Margin (Commodity Futures + Commodity Options + Index Futures)
10	Delivery Margin	Number(20,2)	Delivery Margin
11	Unidirectional Margin	Number(20,2)	Unidirectional Margin
12	Concentration Margin	Number(20,2)	Concentration Margin (Commodity Futures + Commodity Options + Index Futures)
13	Pro/Cli Flag	Number(1,0)	Pro/Client Flag
14	Forward Initial Margin	Number(20,2)	Forward Initial Margin
15	Forward incremental Margin	Number(20,2)	Forward Incremental Margin
16	Peak Initial Margin	Number(20,2)	Value will be peak of IM from the all snapshot Of Client
17	Peak Extreme Loss Margin	Number(20,2)	Value will be peak of ELM from the all snapshot Of Client
18	Peak Snapshot Time	YYYYMMDD-HH:MM:SS	Time stamp of the Random Peak Value File generated during the day.
19	ED	Number(20,2)	Effective Deposit

20	Coll_Value_EOD	Number(20,2)	Collateral Value at EOD
21	Coll_Value_Peak_SA	Number(20,2)	The Collateral Value at the time of PEAK Short Allocation *SA= Short Allocation
22	IM_Peak_SA	Number(20,2)	sum(IM+ELM) at the time of PEAK Short Allocation *SA= Short Allocation
23	Short_Allocation_EOD	Number(20,2)	Collateral Value of EOD minus (EOD IM+EOD ELM)
24	Short_Allocation_Peak	Number(20,2)	Collateral Value of Peak Short Allocation minus (Peak IM+Peak ELM)
25	Peak_SA_Snapshot Time	YYYYMMDD-HH:MM:SS	Time stamp of the Random Peak Short Allocation Value File generated during the day.

3. Intraday Margin Report for Trading member (MARGIN_REP)

- Naming Convention:
NCCL_MARGIN_REP_<TRD_MBR_ID>_<YYYYMMDD>_nn.csv
- This report contains the margins for the client at the snapshot.
- This report will be generated multiple times in a day on each business date for each of the random snap shots

Sr. No.	Column Name	Data Type	Description/Remarks
1	Date	DATE	
2	Client Code	CHAR[50]	
3	Portfolio based Margin	NUMBER(15,2)	Commodity Futures Portfolio based Margin, Commodity Options Portfolio based Margin and Net Option Value (NOV), Index Futures Portfolio based Margin
4	Net Buy Premium	NUMBER (15,2)	Net Buy Premium
5	Initial Margin	NUMBER (15,2)	Portfolio based margin and Net buy premium
6	ELM Margin	NUMBER (15,2)	Extreme Loss Margin (Commodity Futures + Commodity Options + Index Futures)
7	Pre-Expiry Margin	NUMBER (15,2)	Pre expiry margin (Commodity Futures + Commodity Options)
8	Delivery Margin	NUMBER (15,2)	Delivery Margin

9	Unidirectional Margin	NUMBER (15,2)	Unidirectional Margin
10	Concentration Margin	NUMBER (15,2)	Concentration Margin
11	Adhoc Margin	NUMBER (15,2)	Adhoc Margin (Commodity Futures + Commodity Options + Index Futures)
12	Cash Margin	NUMBER (15,2)	Cash Margin
13	Crystallized Loss Margin	NUMBER (15,2)	Crystallized Loss Margin
14	Mark to Market Profit/Loss	NUMBER (15,2)	Mark to Market Profit/Loss (Commodity Futures + Index Futures)
15	Cli/Prop	CHAR [1]	
16	SNAPSHOT_NUMBER	NUMBER(3)	Snap Shot no 1, 2, 3, 4, 5, 6,7
17	SNAPSHOT_TIME	hh:mm:ss	10:15:00
18	ED	Number(20,2)	Effective Deposit
19	Collateral_Value_Snapsh ot	Number(20,2)	The Collateral Value at current Snap Shot
20	Short_allocation_SnapSh ot	Number(20,2)	Collateral Value (column.no 19) minus IM (column. No 5) minus ELM (column. No 6) as above

4. Intraday Margin Report for Clearing member (CM MARGIN_REP)

- Naming Convention:
NCCL_CM_MRGN_REP_<Prim_Mem_Code>_<YYYYMMDD>_nn.csv
- This report contains the margins for the trading member at the snapshot.
- This report will be generated multiple times in a day on each business date for each of the random snap shots.

Sr. No.	Column Name	Data Type	Description/Remarks
1	Date	DATE	
2	TMID	Varchar 2(12)	
3	Portfolio based Margin	NUMBER(15,2)	Commodity Futures Portfolio based Margin, Commodity Options Portfolio based Margin and Net Option Value (NOV), Index Futures Portfolio based Margin
4	Net Buy Premium	NUMBER (15,2)	Net Buy Premium
5	Initial Margin	NUMBER (15,2)	Portfolio based margin and Net buy premium

6	ELM Margin	NUMBER (15,2)	Extreme Loss Margin (Commodity Futures + Commodity Options + Index Futures)
7	Pre-Expiry Margin	NUMBER (15,2)	Pre expiry margin (Commodity Futures + Commodity Options)
8	Delivery Margin	NUMBER (15,2)	Delivery Margin
9	Unidirectional Margin	NUMBER (15,2)	Unidirectional Margin
10	Concentration Margin	NUMBER (15,2)	Concentration Margin
11	Adhoc Margin	NUMBER (15,2)	Adhoc Margin (Commodity Futures +Commodity Options + Index Futures)
12	Cash Margin	NUMBER (15,2)	Cash Margin
13	Crystallized Loss Margin	NUMBER (15,2)	Crystallized Loss Margin
14	Mark to Market Profit/Loss	NUMBER (15,2)	Mark to Market Profit/Loss (Commodity Futures + Index Futures)
15	SNAPSHOT_NUMBER	NUMBER (3)	Snap Shot no 1, 2, 3, 4, 5, 6,7
16	SNAPSHOT_TIME	hh:mm:ss	10:15:00
17	Collateral_Value_Snap shot	Number(20,2)	The Collateral Value when the (IM+ ELM) was at current Snap Shot
18	Short_allocation_Snap Shot	Number(20,2)	Collateral Value (col.no 17) minus IM (col. No 5) minus ELM (col. No 6) as above