

**NSE Clearing Limited**

(Formerly known as National Securities Clearing Corporation Limited)

**Department : FUTURES & OPTIONS**

Download Ref No: NCL/CMPT/47643

Date : March 16, 2021

Circular Ref. No: 027/2021

All Members

**Sub: Adjustment of Futures and Options contracts in the security NMDC Limited (NMDC)**

This is pursuant to NSE Circular no. 21/2021 (Download no. 47629) dated March 15, 2021 regarding Adjustment of Futures and Options contracts in the security NMDC. The following action with regards to clearing and settlement would be taken by NSE Clearing in this regard.

**1. Action by the Clearing Corporation in respect of Futures Contracts:**

Adjustment of futures contracts available in NMDC shall be carried out based on the reference rate of the relevant futures contracts on March 19, 2021 (last cum-dividend date). The reference rate to be reckoned for the purpose of adjustment shall be the daily mark to market settlement price of the relevant futures contract, which shall be reduced by the dividend amount.

Accordingly, all positions in futures contracts with the underlying security as NMDC would be marked-to-market on the last cum-dividend date i.e. March 19, 2021, based on the daily settlement price of the respective futures contract. Subsequent to such processing, open positions shall be carried forward at the daily settlement price less Rs.7.76 (dividend amount) for the respective futures contract.

From March 22, 2021 (ex-dividend date), daily mark to market settlement of futures contracts with the underlying security as NMDC would continue as per normal procedures.

Begin of day margins on March 22, 2021 would be computed for the futures contract with underlying as NMDC based on the adjusted carry forward value. Subsequently, intra-day margins would be computed based on the relevant traded prices at the time the intra-day span risk parameter files are generated.

An example of adjustment of futures contract is detailed hereunder:

**1.1 Positions before adjustment:**

Clearing Member	Trading Member	Client Code	Instrument	Symbol	Expiry Date	Long Position	* Long Value	Short Position	* Short Value
A	ABC	A1	FUTSTK	NMDC	25-Mar-2021	6700	938000	0	0
B	PQR	A2	FUTSTK	NMDC	29-Apr-2021	0	0	6700	938000
C	XYZ	A3	FUTSTK	NMDC	27-May-2021	0	0	13400	1876000

\* Valued at price Rs.140.00/-

**1.2 Positions after adjustment:**

Clearing Member	Trading Member	Client Code	Instrument	Symbol	Expiry Date	Long Position	*Long Value	Short Position	*Short Value
A	ABC	A1	FUTSTK	NMDC	25-Mar-2021	6700	886008	0	0
B	PQR	A2	FUTSTK	NMDC	29-Apr-2021	0	0	6700	886008
C	XYZ	A3	FUTSTK	NMDC	27-May-2021	0	0	13400	1772016

\* Valued at price Rs.132.24 (Rs.140.00 – Rs.7.76 which is the dividend amount)

**2. Action by Clearing Corporation in respect of Option Contracts:**

The full value of dividend i.e. Rs.7.76 would be deducted from all the cum-dividend strike prices on the ex-dividend date and adjusted to nearest tick size to arrive at the new strike prices. All positions in existing strike prices shall continue to exist in the corresponding new adjusted strike prices.

An example of the adjustments in the strike prices is detailed hereunder:

**2.1 Positions before Strike Price adjustment:**

Clearing Member	Trading Member	Client Code	Instrument	Symbol	Expiry Date	Strike Price	Option Type	Long Position	Short Position
A	ABC	A1	OPTSTK	NMDC	25-Mar-2021	137.50	CE	6700	0
B	PQR	A2	OPTSTK	NMDC	29-Apr-2021	140.00	PE	0	6700
C	XYZ	A3	OPTSTK	NMDC	27-May-2021	142.50	CE	0	13400

**2.2 Positions after Strike Price adjustment:**

Clearing Member	Trading Member	Client Code	Instrument	Symbol	Expiry Date	Strike Price	Option Type	Long Position	Short Position
A	ABC	A1	OPTSTK	NMDC	25-Mar-2021	129.75	CE	6700	0
B	PQR	A2	OPTSTK	NMDC	29-Apr-2021	132.25	PE	0	6700
C	XYZ	A3	OPTSTK	NMDC	27-May-2021	134.75	CE	0	13400

3. Members are advised to note the following in respect of futures and options contracts on underlying security NMDC.

Position details of futures and options contracts with the underlying security as NMDC provided in PS\_03 / 04 files for trade date March 19, 2021, would indicate positions in the relevant contracts (without adjustment for dividend) on March 19, 2021.

Adjustments for futures contracts would be carried out separately as detailed in 1.1 and 1.2 above. Similarly, adjustments of options contracts would be carried out on such strike prices as detailed in 2.1 and 2.2 above. All open positions at existing strike prices shall continue to exist at adjusted strike prices.

The following two additional files will be provided, at the end of the day on March 19, 2021:

NMDC\_<Member Code>\_EXISTING\_POSITIONS.CSV  
 NMDC\_<Member Code>\_ADJUSTED\_POSITIONS.CSV

The details of these files are provided as Annexure I.

**For and on behalf of  
 NSE Clearing Limited**

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## Annexure I

### Position file formats for Corporate Action Adjustment for futures and options contracts on underlying security – NMDC

#### 1. Details of existing positions:

All members having positions in options contracts at existing strike prices and Futures contracts shall be given details of the same vide the regular F\_PS03 & the F\_PS04 files on March 19, 2021.

The file shall be comma separated. The file shall be named as NMDC \_<Member Code>\_EXISTING\_POSITIONS.CSV. This file shall be at client level.

The file structure shall be as under:

Position Date	Date
Segment Indicator	'F'
Settlement Type	'S/G'
Clearing Member Code	CM Code
Member Type	'M'/'C'
Trading Member Code	TM Code / CP Code
Account Type	'P'/'C' etc.
Client Account / Code Client	Account No. / Code
Instrument Type	OPTSTK/ FUTSTK
Symbol	NMDC
Expiry date	25-Mar-2021 29-Apr-2021 27-May -2021
Strike Price	Existing Strike Prices
Option Type	'CE'/'PE'
CA Level	1
Post Ex / Asgmt Long Quantity	XXX
Post Ex / Asgmt Long Value	XXX (value 0 for option contracts)
Post Ex / Asgmt Short Quantity	XXX
Post Ex / Asgmt Short Value	XXX (value 0 for option contracts)
C/f Long Quantity	0
C/f Long Value	0
C/f Short Quantity	0
C/f Short Value	0

## 2. Details of Adjusted Positions:

All members having positions in NMDC contracts shall be provided an additional file with the adjustments with regards to the dividend as detailed in 1.1 and 1.2 for futures contracts and 2.1 and 2.2 for options contracts.

The comma separated file shall be named as NMDC\_<Member Code>\_ADJUSTED\_POSITIONS.CSV.

This file shall be at client level.

The file structure shall be as under:

Position Date	Date
Segment Indicator	'F'
Settlement Type	'S/G'
Clearing Member Code	CM Code
Member Type	'M'/'C'
Trading Member Code	TM Code / CP Code
Account Type	'P'/'C' etc.
Client Account / Code Client	Account No. / Code
Instrument Type	OPTSTK/ FUTSTK
Symbol	NMDC
Expiry date	25-Mar-2021 29-Apr-2021 27-May -2021
Strike Price	Adjusted Strike Prices
Option Type	'CE'/'PE'
CA Level	0
Post Ex / Asgmt Long Quantity	0
Post Ex / Asgmt Long Value	0
Post Ex / Asgmt Short Quantity	0
Post Ex / Asgmt Short Value	0
C/f Long Quantity	XXX
C/f Long Value*	XXX (value 0 for options contracts)
C/f Short Quantity	XXX
C/f Short Value*	XXX (value 0 for options contracts)

\* C/f Long Value and C/f Short Value shall be provided only for futures contracts. It shall be computed as the product of C/f Long/ Short Quantity and adjusted daily settlement price (i.e. daily settlement price less Rs.7.76).