

## BRS for Scrip selection criteria for MTF product

Project Name	Scrip selection criteria for MTF product
Date	13 <sup>th</sup> December, 2023.

Margin Trading Facility hereinafter referred to as " MTF", is a facility offered by Ambit Capital Pvt Limited which allows the Client to take positions by providing prescribed margin and the balance amount is funded by Ambit Capital Pvt Limited

### Current process

New product.

### Deliverable

✓ AAMS from where files will be triggered.

Business Requirements specification

Logic

BASE - Group 1 <i>NSE published scrips</i>	
Market capitalization	Equal or greater than Rs.5000 Crore
Price Band	Equal to greater than 10%
Exchange margin	Equal to less than 50%
Group	Only EQ
Minimum Average traded Qty Or value in last 6 months	Equal or greater than 25000 Or Equal or greater than Rs. 10 Crore
Closing price of previous day	Equal or greater than Rs.20
Total promoters pledge shares	Equal or less than 20 %
Scrip listed in both exchanges i.e, NSE and BSE	Yes

Auto Upload

Manual Upload

Sr. No	Description
1.	<ul style="list-style-type: none"><li>● Download BASE file from NSE site <a href="https://nsearchives.nseindia.com/content/nsccl/C_CATG.T01">https://nsearchives.nseindia.com/content/nsccl/C_CATG.T01</a></li><li>● Download bulk file from ENIT for market capitalization Already imported to db during rms bod (NSEBulkUpload)</li><li>● Download price Band from NSE site <a href="https://www.nseindia.com/all-reports">https://www.nseindia.com/all-reports</a></li><li>● Download bhav copy from NSE site <a href="https://www.nseindia.com/all-reports">https://www.nseindia.com/all-reports</a></li><li>● Download EOD VaR file from NSE site <a href="https://www.nseindia.com/all-reports">https://www.nseindia.com/all-reports</a></li><li>● Download promoters pledge holdings from NSE site <a href="https://www.nseindia.com/companies-listing/corporate-filings-pledged-data">https://www.nseindia.com/companies-listing/corporate-filings-pledged-data</a></li></ul>
NSE Base file (C_CATG.T01)	<ul style="list-style-type: none"><li>● Download NSE Group 1 file from NSE site, it is a base file.</li><li>● Should read data here only for group 1 and series EQ and GB</li></ul>
Market Capitalization	<ul style="list-style-type: none"><li>● Download bulk file from ENIT , multiply quantity traded it with previous day closing price and select scrips with Rs.5000 Crore and above scrips from BASE file</li></ul>
Price Band	<ul style="list-style-type: none"><li>● Download complete price band list from NSE site and select scrips where price band is = &gt; 10% from BASE file</li><li>● RMS team would upload a Price band, if in case not available in extranet. RMS to check and confirm.</li></ul>
Exchange Margin	<ul style="list-style-type: none"><li>● Download NSE VaR file and select scrips where total margin is = &lt; 50 %</li><li>● Var to be referred from class</li></ul>
Group	<ul style="list-style-type: none"><li>● Select scrips where Group is EQ ( available in the Price Band price )</li><li>● This filter would be applied in the base file and accordingly the data would process.</li></ul>

Minimum Average traded Qty Or Minimum Average traded value in last 6 months	<ul style="list-style-type: none"> <li>Download bhavcopy for last 6 months and select scrips where average traded <del>volume</del> <b>qty</b> is = &gt; 25000</li> <li><b>Avg traded qty = total traded qty / no of trading days.</b></li> <li><b>No of trading day referred as count of records from bhavcopy for last 6 months data.</b></li> </ul> <p style="text-align: center;">Or</p> <ul style="list-style-type: none"> <li>Download bhavcopy for last 6 months and select scrips where average traded value (<b>TotalTurnover</b>) is = &gt; 10 Crore</li> <li><b>Avg traded value == total turnover / no of trading days.</b></li> <li><b>No of trading day referred as count of records from bhavcopy for last 6 months data.</b></li> <li></li> </ul>
Closing price of previous day	<ul style="list-style-type: none"> <li>Download Bhavcopy and select scrips where closing price is = &gt; Rs.20</li> <li><b>Closing price to be referred from class</b></li> </ul>
Total promoters pledge shares	<ul style="list-style-type: none"> <li>Download file from NSE and select scrips with pledge % is = &lt; 20%</li> <li><b>Upload control to provision for pledge data upload along with isin and scrip in the file.</b></li> </ul>
Scrip listed in both exchanges i.e, NSE and BSE	<ul style="list-style-type: none"> <li>Select scrips which are available in both the exchanges. check in BSE scrip.txt file.</li> <li><b>Scrip for nse and bse to be referred from class</b></li> </ul>
<b>Addition of ISIN manually</b>	<ul style="list-style-type: none"> <li><b>Input interface to provision for isin and scrip addition in the processed basket file.</b></li> <li><b>System to ensure if scrip does not exists/duplicate in the basket file</b></li> </ul>

- **RMS to team to confirm if there is a need for exclusion of scrip, despite all above parameters satisfy.**

Once the scrips are selected, require scrips in following output for NSE and BSE segment with scrip basket %.

Category of Stock	Initial margin and maintenance margin to be set-in trading platform
"Group I" Securities (available in F&O)	VaR + 5 times applicable ELM with minimum margin of 40 %. -
"Group I" stocks (other than F&O stocks)	VaR + 7 times applicable ELM with minimum margin of 50%.

- Multiples and minimum margin to be configurable
- Securities for FNO to be referred from class NSEFO
- FNO scrip expiry constraints to be validated with RMS. Since the script which was exists in past and but not exist today, will also be a part for file if expiry date not considered as constraints. (For eg. SATYAMCOMP)

File format

**For BSE** (File name will be BSE\_MTF Scrip Basket date)

BSE Scrip Basket **RMS to validate file format also have to confirm the File header**

440007|40

440008|40

440009|40

440010|40

**For NSE** (File name will be ~~BSE\_MTF~~ **NSE\_MTF** Scrip Basket date)

NSE Scrip Basket **RMS to validate file format also have to confirm the File header**

011NSETEST|EQ|50

021NSETEST|EQ|50

031NSETEST|EQ|50

041NSETEST|EQ|50

051NSETEST|EQ|50