

## Nasdaq Clearing

### Margin Concentration and Position Limit policy

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#### 1. Margin Concentration limits

The purpose of margin concentration limits is to manage large exposures. The limits aim to provide the Clearinghouse with additional default coverage in relation to significantly large and concentrated exposures.

For the Financial Market, the limits are enforced per margin calculation account and market group, while for the Commodities Market the limits are enforced per margin calculation account and market (set of risk groups). When total Initial Margin (IM) for a margin calculation account and a market group/market is above a threshold, IM will be scaled up with a scaling factor. IM that is subject to scaling will be scaled down, on request, when it is below the threshold for scaling down.

**Example** for a Clearing Member and market group Swedish Index and Swedish Flexible Index (IM in SEK)

| Limit nr | IM limit for scaling up | Scaling factor | IM limit for scaling reduction |
|----------|-------------------------|----------------|--------------------------------|
| 1        | 1 200 000 000           | 15%            | 1 300 000 000                  |
| 2        | 2 400 000 000           | 25%            | 2 800 000 000                  |

**Example** for a Clearing Member and market group Swedish Bond (IM in SEK)

| Limit nr | IM limit for scaling up | Scaling factor | IM limit for scaling reduction |
|----------|-------------------------|----------------|--------------------------------|
| 1        | 1 400 000 000           | 15%            | 1 500 000 000                  |
| 2        | 2 600 000 000           | 25%            | 3 000 000 000                  |

**Example** for a Clearing Member and Nordic Power (ENOBL, EPAD) (IM in EUR)

| Limit nr | IM limit for scaling up | Scaling factor | IM limit for scaling reduction |
|----------|-------------------------|----------------|--------------------------------|
| 1        | 110 000 000             | 15%            | 115 000 000                    |
| 2        | 140 000 000             | 25%            | 165 000 000                    |

Customers on the Derivatives Market may have limits different than those applied for Clearing Members.

In addition, Nasdaq Clearing applies a margin concentration limit on Client Accounts used for clearing of Generic Rates Instruments in respect of Clients that also act, in a different capacity, as a Clearing Member

on other accounts with the CCP. The limit is enforced per margin calculation account and market group. If total Initial Margin (IM) for a margin calculation account and a market group exceeds the applicable IM threshold, IM shall be scaled up with a scaling factor in accordance with the table below. The margin concentration limit for Generic Rates Instruments does not replace the general margin concentration risk limit for the Swedish Bond market described above, i.e. the limits are additive.

**Market group: Swedish Bond**

| Limit nr | IM thresholds for scaling up | Scaling factor | IM limit for scaling reduction |
|----------|------------------------------|----------------|--------------------------------|
| 1        | 500 000 000                  | 30%            | 600 000 000                    |

The IM limits applicable from time to time are stated in the Rules and Regulations of the Nasdaq Derivatives Market Appendix 13 Parameter Value List. Changes to Appendix 13 are communicated by market notice. For the Commodities Market, the current limits are available on the ftp site together with the other risk parameters. Changes to the parameters and limits are communicated by market notice.

If a limit is breached Nasdaq Clearing will inform the Clearing Member or Customer. The Clearing Member or Customer will be given the choice to reduce its exposure during the day or else scaling of IM will be implemented in accordance with this policy.

A request for scaling down shall be submitted by the Clearing Member or Customer to Nasdaq Clearing's Risk Management departments.

## 2. Position limits

The purpose of position limits is to manage liquidity risk in a default situation and to avoid delivery problems at contract expirations.

If a position limit is breached Nasdaq Clearing may take actions such as requesting the Clearing Member or Customer to reduce or maintain the position or increasing the margin parameters for the instrument in question. Two weeks before expiry the participant has to demonstrate capacity to deliver the underlying instrument to be allowed to maintain the open position.

The position limits are enforced per margin calculation account and underlying instrument. The position exposure is defined as the aggregated net number of underlying instruments to deliver or receive per margin calculation account and underlying instrument, with delta for options always set to 1 for calls and -1 for puts.

| Product type                      | Clearing Member Limit                                | Customer Limit                                       |
|-----------------------------------|--|--|
| Single stock                      | 10% * Number of listed shares per underlying stock   | 5% * Number of listed shares per underlying stock    |
| Semi-standardized F/I instruments | 25% * Sum of open interest per underlying instrument | 25% * Sum of open interest per underlying instrument |

Number of listed shares and open interest are available in various market feeds as well as on <http://business.nasdaq.com/>.

## Contact information

Derivatives Market:

Risk Management Financial

[risk.management@nasdaq.com](mailto:risk.management@nasdaq.com)

+46 8 405 7088

Commodities Market:

Risk Management Commodities

[Clearing.risk@nasdaq.com](mailto:Clearing.risk@nasdaq.com)

+47 67 10 84 26