Sensors and actuators used:
- Temperature: TT603, TT613, TT642, TT644, TT646, TT647, TT662, TT663, TT666, TT684
- Level: LT600, LT660, LT661, LT670, LT671, LT680, LT681, LT682, LT683, LI660, LI670, LI680

This sequence starts the level measurement.
The level measurement is stopped at the end of the warm-up sequence.

User wants to stop

0

Stop

Warm-up finished

Subsequence

Subsequence

Start cool down VB

Temperature control | Waiting

(TT603 OR TT613)< 100 K

LT600 in operation

Cde LT600 OFF

LT600 OFF

Stop

(TT603 & TT613)> 200 K & LT600 < 5%

Start cool down Vacuum Insert

Temperature control | Waiting

(TT662 OR TT663)< 100 K

LT660 & LT661 in operation

Cde Vacuum LT OFF

LT660 & LT661 OFF

Stop

(TT662 & TT663)> 200 K & LI660 < 5%

Subsequence

Subsequence

Start cool down Liquid Insert

Temperature control | Waiting

TT644 OR TT647< 100 K

LT670 & LT671 in operation

Cde Liquid LT OFF

LT670 & LT671 OFF

Stop

(TT644 & TT647)> 200 K & LI670 < 5%

Start cool down Magnet OR Liquid

Heating Thermal Shield | Start EH670AC

(TT670A OR TT670B OR TT670C) > 30°C

Stop Heating | Stop EH670AC

Stop

(TT670A OR TT670B OR TT670C)< 0°C

Start cool down Magnet

Subsequence

Temperature control | Waiting

(TT644 OR TT647)< 100 K

LT680, LT681, LT682, LT683 in operation

(TT644 & TT647)> 200 K & LI680 < 5%

Stop

LT680, LT681, LT682, LT683 OFF

Cde Magnet LT OFF