

// Generated: Monday, September 22, 2014 6:33:51 PM

profile MSK

{

// Runtime settings

runtime

(Mode = 'Normal', IsAccelerated = 'Yes', IsHybridExecution = 'No',
AuditOnSimulate = 'Yes', LogOnSimulate = 'Yes', EnableSimulationEmailNotification = 'No',
HibernateOnSimulate = 'No', EnableFixedStartTime = 'Yes',
SimulationStartTime = '1/28/2014 12:00 AM', AllowNewIterationsOnDeviceError = 'No',
EnableCongestionDetection = 'Yes', CongestionClearQueueTimeThreshold = '00:02:00',
MaxQueueTimeThreshold = '00:05:00', EnableVerboseLogging = 'No',
EnableExperiments = 'Yes', EnableCampaigns = 'Yes', AutoOffline = 'No',
SimplifiedInterface = 'No', ContainerLoadPrompting = 'Yes',
ContainerUnloadPrompting = 'Yes', AutoUnload = 'No') ;

// Devices and settings

devices

{

KeyenceSR600 BarCode

(OperationDefaults = '', Active = 'Active') ;

MultidropCombi Combi

(InitFluid = 'Default Fluid', PrimeWhenIdle = 'No',
PrimeOnInitialization = 'Yes', PrimeVolumeWhenIdle = '10',
PrimeIntervalWhenIdle = '5', CassetteUI = '1', OperationDefaults = '',
Active = 'Active') ;

ContainerDataDriver ContainerDataDriver

(ExcelPass = 'Momentum1', SummaryFormat = 'CSV', SummaryFilename = '',
SummaryColumns = 'DateTime,Location', OperationDefaults = '',
Active = 'Active') ;

CytomatHotel CytomatHotel

(ShakeDuringIncubate = 'No', RPMT1 = '100', RPMT2 = '100',
ScanBarcodeOnGet = 'Yes', FAMModeEnabled = 'No', SearchMode = 'Entire Device',
HotelsOccupancyLabel = '<Click to Edit ...>', ContainersParticipationLabel = '<Click to Edit ...>',
OperationDefaults = '', Active = 'Active') ;

DataMiner DataMiner

```
(OperationDefaults = '', Active = 'Active') ;
```

FreedomEVO EVO

```
(ProtocolPath = '\\\\Tecan-hp8300\\C\\ProgramData\\Tecan\\EVOware\\database\\scripts',
```

```
ParkScript = 'ThermoTest_Safe_Left.esc', ExecuteParkMethod = 'Yes',
```

```
UserName = 'Admin', UserPass = 'admin1', OperationDefaults = 'Thermo.Automation.Devices.Instruments.Tecan.FreedomEVO.RunScriptParameter\\Result~\\'\\';
```

```
Active = 'Active') ;
```

FileManager FileManager

```
(OperationDefaults = '', Active = 'Active') ;
```

FreeNest FreeNest

```
(OperationDefaults = '', Active = 'Active') ;
```

HiG4Centrifuge HiG4Centrifuge

```
(CounterWeight = 'Bucket2', OperationDefaults = '',
```

```
Active = 'Active') ;
```

Hotel Hotel_1

```
(OperationDefaults = '', Active = 'Active') ;
```

Hotel Hotel_2

```
(OperationDefaults = '', Active = 'Active') ;
```

InfiniteReader Infinite

```
(ProtocolPathListUI = '<Click Button to Edit>', KeepDoorOpenBetweenRead = 'No',
```

```
OperationDefaults = '', Active = 'Active') ;
```

IncuShake Inheco

```
(XFreq = '142', YFreq = '142', XAmp = '20', YAmp = '20',
```

```
XYPhaseShift = '0', OnlineTemp = '-1', OfflineTemp = '-1',
```

```
ShakeDuringLoadIncubate = 'No', UseExactDuration = 'No',
```

```
OperationDefaults = '', Active = 'Active') ;
```

LC480 LC480

```
(OperationDefaults = '', Active = 'Active') ;
```

MomentumOperator MomentumOperator

```
(OperationDefaults = '', Active = 'Active') ;
```

GenericMover Orbitor

```
(ParkLocation = 'STDloc:safe', ParkMoverAtEndOfRun = 'Yes',
```

```
MotionSettings = 'Velocity: 100%, Acceleration: 100%, Jerk: 100%',
```

```
AllowLidding = 'Yes', OperationDefaults = '', Active = 'Active') ;
```

PlateLoc PlateLoc

```
(PlateLocProfileName = 'Seal', PreHeatingTemperature = '160',
```

```
PostCoolOffTemperature = '40', CloseStageOnLoad = 'Yes',
```

```

    OperationDefaults = '', Active = 'Active') ;
Regrip Regrip
    (OperationDefaults = '', Active = 'Active') ;
AgilentMicroplateLabeler Vcode
    (ProfileName = 'LOR3413', OperationDefaults = '', Active = 'Active') ;
Waste Waste
    (OperationDefaults = '', Active = 'Active') ;
}

// Device Pools

pools
{
    StoragePool Hotels
        (Strategy = 'Priority First Available', ResetOnNewWorkUnit = 'Yes',
        SkipError = 'No', SkipOffline = 'No', OfflineSkipDuration = '00:00:00') Hotel_1, Hotel_2 ;
}

// Profile variables

variables
{
    Boolean Lock
        (DefaultValue = 'No', PromptForValue = 'No', Persist = 'No',
        Comments = '') ;
    Integer PlateCount
        (DefaultValue = '1', PromptForValue = 'No', Persist = 'Yes',
        Comments = '') ;
}

// ***** Version 1 *****
// User: Admin   Date: Friday, April 25, 2014 Time: 9:05:09 PM

// ***** Version 2 *****
// User: Admin   Date: Friday, April 25, 2014 Time: 9:45:04 PM

// ***** Version 3 *****

```

```
// User: Admin Date: Friday, April 25, 2014 Time: 9:51:14 PM

// ***** Version 4 *****
// User: Admin Date: Friday, April 25, 2014 Time: 9:55:08 PM

// ***** Version 5 *****
// User: Admin Date: Friday, April 25, 2014 Time: 9:56:05 PM

// ***** Version 6 *****
// User: Admin Date: Saturday, April 26, 2014 Time: 10:57:03 AM

// ***** Version 7 *****
// User: Admin Date: Wednesday, July 09, 2014 Time: 5:23:10 PM

// ***** Version 8 *****
// User: Admin Date: Wednesday, July 09, 2014 Time: 5:53:58 PM

// ***** Version 9 *****
// User: Admin Date: Wednesday, July 09, 2014 Time: 7:09:54 PM

// ***** Version 10 *****
// User: Admin Date: Thursday, July 10, 2014 Time: 10:06:45 AM

// ***** Version 11 *****
// User: Admin Date: Thursday, July 10, 2014 Time: 10:50:51 AM

// ***** Version 12 *****
// User: Admin Date: Thursday, July 10, 2014 Time: 8:58:59 PM

// ***** Version 13 *****
// User: Admin Date: Monday, July 21, 2014 Time: 2:15:46 PM

// ***** Version 14 *****
// User: Admin Date: Friday, July 25, 2014 Time: 4:41:17 PM

// ***** Version 15 *****
// User: Admin Date: Tuesday, August 05, 2014 Time: 4:58:03 PM
```

```
// ***** Version 16 *****
// User: Admin Date: Tuesday, August 05, 2014 Time: 5:08:29 PM

// ***** Version 17 *****
// User: Admin Date: Tuesday, August 05, 2014 Time: 5:21:39 PM

// ***** Version 18 *****
// User: Admin Date: Tuesday, August 05, 2014 Time: 5:27:59 PM

// ***** Version 19 *****
// User: Admin Date: Tuesday, August 05, 2014 Time: 5:33:53 PM

// ***** Version 20 *****
// User: Admin Date: Tuesday, August 05, 2014 Time: 5:53:12 PM

// ***** Version 21 *****
// User: Admin Date: Tuesday, August 05, 2014 Time: 7:34:08 PM

// ***** Version 22 *****
// User: Admin Date: Tuesday, August 05, 2014 Time: 7:36:26 PM

// ***** Version 23 *****
// User: Admin Date: Tuesday, August 05, 2014 Time: 7:40:44 PM

// ***** Version 24 *****
// User: Admin Date: Tuesday, August 26, 2014 Time: 3:18:53 PM

// ***** Version 25 *****
// User: Admin Date: Tuesday, August 26, 2014 Time: 9:15:19 PM

// ***** Version 26 *****
// User: Admin Date: Friday, September 19, 2014 Time: 2:35:48 PM

// ***** Version 27 *****
// User: Admin Date: Friday, September 19, 2014 Time: 2:43:25 PM
```

```
// ***** Version 28 *****
```

```
// User: Admin Date: Monday, September 22, 2014 Time: 5:54:30 PM
```

```
process [Nest Cycling]
```

```
{
```

```
  // Containers
```

```
  containers
```

```
  {
```

```
    plate 4ti0381
```

```
      (WithLidOffset = '-5', MoverLiddingGripOffset = '3',
```

```
      WithLidHeight = '17', Thickness = '1', Lid = '(None)',
```

```
      SealThickness = '0', NumberOfWellRows = '16', NumberOfWellColumns = '24',
```

```
      WellNumberingMethod = 'Rows', ContainerTypeNameId = '',
```

```
      BarCodeRegularExpression = '', BarCodeFile = '',
```

```
      BarCodeAutoExpression = "NC" + Format(Now, "yyMMddHHmmss") + "." + Format(WallClock, "fff"),
```

```
      GripOffset = '{[0, 0, 1], ([0, 0, 0], 1)}',
```

```
      GripForce = '0', Height = '15', StackHeight = '13.13',
```

```
      SetSize = '1', Attributes = '') ;
```

```
  }
```

```
  // Process steps
```

```
  acquire (Lock) ;
```

```
  Hotel_1 [Load]
```

```
    (PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
```

```
    Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',
```

```
    RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
```

```
    Enabled = 'Yes', Result = '')
```

```
    4ti0381 ;
```

```
  LC480 [Load]
```

```
    (PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
```

```
    Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',
```

```
    RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
```

```
    Enabled = 'Yes', Result = '')
```

```
4ti0381 'Unlidded' in 'Nest' ;
```

```
Hotel_2 [Load]
```

```
(PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',  
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',  
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',  
Enabled = 'Yes', Result = '')  
4ti0381 ;
```

```
HiG4Centrifuge [Load]
```

```
(PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',  
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',  
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',  
Enabled = 'Yes', Result = '')  
4ti0381 in 'Bucket 1' ;
```

```
EVO [Load]
```

```
(PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',  
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',  
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',  
Enabled = 'Yes', Result = '')  
4ti0381 in 'EVO_Portrait_Red(1)' ;
```

```
HiG4Centrifuge [Load]
```

```
(PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',  
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',  
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',  
Enabled = 'Yes', Result = '')  
4ti0381 in 'Bucket 2' ;
```

```
Infinite [Load]
```

```
(PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',  
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',  
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',  
Enabled = 'Yes', Result = '')  
4ti0381 'Unlidded' in 'Nest' ;
```

```
EVO [Load]
  (PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
  Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',
  RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
  Enabled = 'Yes', Result = '')
4ti0381 in 'EVO_Portrait_Red(2)' ;
```

```
Hotels [Load]
  (PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
  Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',
  RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
  Enabled = 'Yes', Result = '')
4ti0381 ;
```

```
EVO [Load]
  (PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
  Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',
  RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
  Enabled = 'Yes', Result = '')
4ti0381 in 'EVO_Portrait_Red(3)' ;
```

```
Hotels [Load]
  (PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
  Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',
  RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
  Enabled = 'Yes', Result = '')
4ti0381 ;
```

```
EVO [Load]
  (PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
  Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',
  RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
  Enabled = 'Yes', Result = '')
4ti0381 in 'EVO_Portrait_Red(4)' ;
```

```
Hotel_1 [Load]
  (PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
```



```
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',  
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',  
Enabled = 'Yes', Result = '')  
4ti0381 ;
```

Hotel_1 [Load]

```
(PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',  
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',  
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',  
Enabled = 'Yes', Result = '')  
4ti0381 ;
```

EVO [Load]

```
(PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',  
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',  
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',  
Enabled = 'Yes', Result = '')  
4ti0381 'Unlidded' in 'INHECO' ;
```

Hotel_2 [Load]

```
(PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',  
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',  
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',  
Enabled = 'Yes', Result = '')  
4ti0381 ;
```

EVO [Load]

```
(PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',  
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',  
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',  
Enabled = 'Yes', Result = '')  
4ti0381 'Unlidded' in 'MTP43' ;
```

Hotel_1 [Load]

```
(PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',  
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',  
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
```

```
Enabled = 'Yes', Result = '')
4ti0381 ;
```

EVO [Load]

```
(PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
Enabled = 'Yes', Result = '')
4ti0381 in 'MTP27' ;
```

Hotels [Load]

```
(PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
Enabled = 'Yes', Result = '')
4ti0381 ;
```

EVO [Load]

```
(PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
Enabled = 'Yes', Result = '')
4ti0381 'Unlidded' in 'RIC20' ;
```

Vcode [Load]

```
(PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
Enabled = 'Yes', Result = '')
4ti0381 'Unlidded' in 'Nest' ;
```

PlateLoc [Load]

```
(PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',
RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
Enabled = 'Yes', Result = '')
4ti0381 'Unlidded' in 'Nest' ;
```

```
Combi [Load]
  (PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
  Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',
  RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
  Enabled = 'Yes', Result = '')
4ti0381 'Unlidded' in 'Nest' ;
```

```
LC480 [Load]
  (PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
  Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',
  RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
  Enabled = 'Yes', Result = '')
4ti0381 'Unlidded' in 'Nest' ;
```

```
Inheco [Load]
  (PreCondition = '', RunOnAbortedIteration = 'No', Duration = '00:00:01',
  Comments = '', MinDelay = '00:00:00', MaxDelaySpecified = 'No',
  RequestedMaxDelay = '00:00:00', SpoilIfMaxDelayExceeded = 'No',
  Enabled = 'Yes', Result = '')
4ti0381 ;
```

```
release (Lock) ;
```

```
}
}
```