```
// Generated: Monday, September 22, 2014 6:56:06 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) ;
 }
}
```