

Opcenter EX CR Entities					Opcenter Execution Core Model Entities		
DB Name	Entity	Attribute	Entity	Attribute	Entity exposed by EX CR Model	UI	Mapping Info
---	---	<site id>	Container				
CEPdb	Container	Containerid		ContainerSiteId			
CEPdb	Container	ContainerName		ContainerKey	CONTAINER		
CEPdb	Container	ContainerComments		Name			
CEPdb	CurrentStatus	InProcess		Description			
CEPdb	CurrentStatus	InRework		IsInProcess			
---	---	<site id>		IsInRework			
CEPdb	Container	Status		ContainerStatusId			
---	---	bit		IsFailed			
CEPdb	ContainerLevel	ContainerLevelName		LevelName			
---	---		ContainerCorrelation				
---	---	<site id>		ContainerCorrelationSiteId			
CEPdb	HistoryMainline	HistoryMainlineid + '-' + HistoryCrossRefId		ContainerCorrelationKey			
---	---	<site id>		Containerid			
CEPdb	HistoryCrossRef	TrackingId		ParentContainerid			
---	---	<site id>					
CEPdb	HistoryCrossRef	HistoryId					
---	---	<site id>		ContainerOperationid			
CEPdb	HistoryMainline	HistoryMainlineid					
---	---		ContainerCurrentStatus				
---	---	<site id>		ContainerCurrentStatusSiteId			
CEPdb	CurrentStatus, Container	CurrentStatusid + '-' + Containerid		ContainerCurrentStatusKey	CURRENTSTATUS		
CEPdb	CurrentStatus	CurrentStepPass		CurrentStepPass			
---	---	<site id>		FactoryId			
CEPdb	CurrentStatus	FactoryId					
CEPdb	CurrentStatus	LastMoveDate		LastMoveDate			
CEPdb	CurrentStatus	LastMoveDateGMT		LastMoveDateGMT			
---	---	<site id>		LocationId			
CEPdb	CurrentStatus	LocationId					
---	---	<site id>		EquipmentId			
CEPdb	CurrentStatus	ResourceId					
CEPdb	CurrentStatus	ReworkLoopCount		ReworkLoopCount			
CEPdb	CurrentStatus	ReworkTotalCount		ReworkTotalCount			
---	---	<site id>		SpecId			
CEPdb	CurrentStatus	SpecId					
CEPdb	CurrentStatus	TimersCount		TimersCount			
---	---	<site id>		WorkflowStepId			
CEPdb	CurrentStatus	WorkflowStepId					
---	---	<site id>		OperationId			
CEPdb	Spec	OperationId					
---	---	<site id>		Containerid			
CEPdb	Container	Containerid					
---	---	<site id>		MaterialDefinitionId			
CEPdb	Container	ProductId					
---	---	<site id>		OperationExecutionId			
CEPdb	Container	MfgOrderid					
CEPdb	CurrentStatus	IsOpStartQty		OpStartQty			
CEPdb	CurrentStatus	IsOpStartQty2		OpSecondaryStartQty			
CEPdb	Container	Qty		ContainerQty			
CEPdb	Container	Qty2		ContainerSecondaryQty			
CEPdb	UOM	UOMName		Uomid			
CEPdb	UOM	UOMName		SecondaryUomid			
CEPdb	Container	OriginalQty		OriginalQty			
---	---		ContainerOperation				
---	---	<site id>		ContainerOperationSiteId			
CEPdb	HistoryMainline	HistoryMainlineid		ContainerOperationKey			
---	---	<site id>		Containerid			
CEPdb	HistoryMainline	Containerid					
---	---	<site id>		ContainerOperationStatusId			
CEPdb	HistoryMainline	IsFailed					
---	---	<site id>		EquipmentId			
CEPdb	HistoryMainline	ResourceId					
---	---	<site id>		MaterialDefinitionId			
CEPdb	HistoryMainline	ProductId					
---	---	<site id>		OperationId			
CEPdb	HistoryMainline	OperationId					
---	---	<site id>		ParentContainerid			
---	---	null					
---	---	<site id>		WorkflowStepId			
CEPdb	HistoryMainline	WorkflowStepId					
---	---	<site id>		OperationExecutionId			
CEPdb	Container	MfgOrderid					
---	---	<site id>		TxnTypeId			
CEPdb	HistoryMainline	TxnType					
---	---	<site id>		RecId			
---	---	null					
---	---			Quantity			
CEPdb	MoveHistory	CycleTime		MoveCycleTime			
CEPdb	MoveInHistory	CycleTime		MoveInCycleTime			
CEPdb	MoveInHistory	qty		MoveInQuantity			
CEPdb	MoveHistory	qty		MoveQuantity			
CEPdb	HistoryMainline	TxnId		Txn			
CEPdb	HistoryMainline	TxnDate		TxnDate			
CEPdb	HistoryMainline	TxnDateGMT		TxnDateGMT			
---	---	<site id>		LabId			
CEPdb	HistoryMainline	EmployeeId					
CEPdb	HistoryMainline	StepPass		ContainerStepPass			
---	---		ContainerOperationAssembly				

---	---	<site id>		ContainerOperationAssemblySiteId			
CEPdb	IssueActualsHistory	IssueActualsHistoryId		ContainerOperationAssemblyKey			
---	---	<site id>		Assembled2ContainerId			
---	---	null					
---	---	<site id>		Assembled2MaterialDefinitionId			
---	---	null					
---	---	<site id>		Assembled3ContainerId			
---	---	null					
---	---	<site id>		Assembled3MaterialDefinitionId			
---	---	null					
---	---	<site id>		AssembledContainerId			
CEPdb	Container	CASE WHEN TxnType = 4792754 THEN Container.ContainerId ELSE					
---	IssueActualsHistory	IssueActualsHistory.FromContainerId					
---	---	<site id>		AssembledMaterialDefinitionId			
CEPdb	Container	CASE WHEN TxnType = 4792754 THEN coalesce(Container.ProductId,Product.ProductId,FromLot)					
---	IssueActualsHistory	Product					
---	---	ELSE coalesce(Container.ProductId,FromLot)					
---	---	<site id>		AssembledOnContainerId			
CEPdb	HistoryMainline	ContainerId					
---	---	<site id>		AssembledOnMaterialDefinitionId			
CEPdb	HistoryMainline	ProductId					
---	---	<site id>		ContainerOperationId			
CEPdb	HistoryMainline	HistoryMainlineId					
---	---	<site id>		ContainerOperationStatusId			
CEPdb	HistoryMainline	IsFailed					
---	---	<site id>		EquipmentId			
CEPdb	HistoryMainline	ResourceId					
---	---	<site id>		OperationId			
CEPdb	HistoryMainline	OperationId					
---	---	<site id>		PartNumberMaterialDefinitionId			
CEPdb	IssueActualsHistory	ProductId					
---	---	<site id>		RecId			
---	---	null					
---	---	<site id>		ReferenceDesignatorId			
CEPdb	IssueActualsHistory	ReferenceDesignator					
---	---	<site id>		SubAssembledOnContainerId			
---	---	null					
---	---	<site id>		SubAssembledOnMaterialDefinitionId			
---	---	null					
---	---	<site id>		TxnTypeId			
CEPdb	HistoryMainline	TxnType					
CEPdb	IssueActualsHistory	Qty		IssueQuantity			
CEPdb	HistoryMainline	TxnId		Txn			
CEPdb	HistoryMainline	TxnDate		TxnDate			
CEPdb	HistoryMainline	TxnDateGMT		TxnDateGMT			
---	---	<site id>		OperationExecutionId			
CEPdb	Container	MfgOrderId					
---	---		ContainerOperationDisassociate				
---	---	<site id>		ContainerOperationDisassociateSiteId			
CEPdb	DisassociateHistoryChildCnts	DisassociateHistoryId-Sequence		ContainerOperationDisassociateKey			
---	---	<site id>		ContainerId			
CEPdb	DisassociateHistoryChildCnts	ChildContainersId					
---	---	<site id>		ParentContainerId			
CEPdb	DisassociateHistory	ParentContainerId					
CEPdb	DisassociateHistoryChildCnts	Sequence		Sequence			
---	---	<site id>		ContainerOperationId			
CEPdb	HistoryMainline	HistoryMainlineId					
CEPdb	HistoryMainline	TxnId		Txn			
CEPdb	HistoryMainline	TxnDateGMT		TxnDateGMT			
---	---		ContainerOperationExecuteTask				
---	---	<site id>		ContainerOperationExecuteTaskSiteId			
CEPdb	ExecuteTaskHistory	ExecuteTaskHistoryId		ContainerOperationExecuteTaskKey			
---	---	<site id>		ContainerOperationId			
CEPdb	HistoryMainline	HistoryMainlineId					
---	---	<site id>		ParentContainerId			
CEPdb	HistoryMainline	HistoryId					
---	---	<site id>		TaskItemId			
CEPdb	TaskItem	TaskItemId					
---	---	<site id>		TaskStatusId			
CEPdb	ExecuteTaskHistory	Pass					
---	---	<site id>		WorkflowStepId			
CEPdb	HistoryMainline	WorkflowStepId					
---	---	<site id>		OperationId			
CEPdb	HistoryMainline	OperationId					
---	---	<site id>		ElectronicProcedureId			
CEPdb	EexecuteTaskHistory	ElectronicProcedureId					
---	---	<site id>		LaborId			
CEPdb	HistoryMainline	EmployeeId					
---	---	<site id>		TxnTypeId			
CEPdb	HistoryMainline	TxnType					
---	---	<site id>		ContainerOperationExecuteTaskComputationId			
CEPdb	ComputationHistory	ComputationId					
---	ComputationHistory	ResultValue		ComputationValue			
---	---	<site id>		SignatureMeaningId			
CEPdb	ESigHistorySummary	MeaningId					
---	---	<site id>		SignerLaborId			
CEPdb	ESigHistoryDetail	signerId					
---	---	<site id>		CoSignerLaborId			
CEPdb	ESigHistoryDetail	coSignerId					
CEPdb	HistoryMainline	TxnDate		TxnDate			
CEPdb	HistoryMainline	TxnDateGMT		TxnDateGMT			
CEPdb	HistoryMainline	TxnId		Txn			
---	---		ContainerOperationExecuteTaskComputation				

----	----	<site id>		ContainerOperationExecuteTaskComputationSiteId			
CEPdb	Computation	ComputationId		ContainerOperationExecuteTaskComputationKey			
CEPdb	Computation	ComputationName		Name			
CEPdb	Computation	Description		Description			
----	----		ContainerOperationExecuteTaskParameter				
----	----	<site id>		ContainerOperationExecuteTaskParameterSiteId			
CEPdb	DataPointHistoryDetail	DataName		ContainerOperationExecuteTaskParameterKey			
CEPdb	DataPointHistoryDetail	DataName		Name			
----	----	null		Description			
----	----		ContainerOperationExecuteTaskParameterValue				
----	----	<site id>		ContainerOperationExecuteTaskParameterValueSiteId			
CEPdb	DataPointHistoryDetail	DataPointHistoryDetailId		ContainerOperationExecuteTaskParameterValueKey			
----	----	<site id>		ContainerOperationExecuteTaskId			
CEPdb	ExecuteTaskHistory	ExecuteTaskHistoryId					
----	----	<site id>		ContainerOperationExecuteTaskParameterId			
CEPdb	DataPointHistoryDetail	DataName					
CEPdb	DataPointHistoryDetail	DataValue		StringValue			
CEPdb	DataPointHistoryDetail	LowerLimit		LowerLimit			
CEPdb	DataPointHistoryDetail	UpperLimit		UpperLimit			
CEPdb	UOM	UOMName		UomKey			
CEPdb	HistoryMainline	TxnDate		TxnDate			
CEPdb	HistoryMainline	TxnDateGMT		TxnDateGMT			
----	----		ContainerOperationHold				
----	----	<site id>		ContainerOperationHoldSiteId			
CEPdb	HistoryMainline	HistoryMainlineId + '-' + HistoryCrossRefId		ContainerOperationHoldKey			
CEPdb	HistoryCrossRef			ContainerId			
----	----	<site id>					
CEPdb	HistoryCrossRef	TrackingId		WorkflowStepId			
----	----	<site id>					
CEPdb	HistoryMainline	WorkflowStepId					
----	----	<site id>		LaborId			
CEPdb	HistoryMainline	EmployeId					
----	----	<site id>		OperationId			
CEPdb	HistoryMainline	OperationId					
CEPdb	HistoryMainline	TxnDate		TxnDate			
CEPdb	HistoryMainline	TxnDateGMT		TxnDateGMT			
CEPdb	HistoryMainline	Comments		Comment			
----	----	<site id>		ContainerOperationHoldReasonId			
CEPdb	HoldReleaseHistory	HoldReasonId					
----	----		ContainerOperationHoldReason				
----	----	<site id>		ContainerOperationHoldReasonSiteId			
CEPdb	HoldReason	HoldReasonId		ContainerOperationHoldReasonKey			
CEPdb	HoldReason	HoldReasonName		Name			
CEPdb	HoldReason	Description		Description			
----	----		ContainerOperationMoveNonStandard				
----	----	<site id>		ContainerOperationMoveNonStandardSiteId			
CEPdb	HistoryMainline, HistoryCrossRef	HistoryMainline.HistoryMainlineId + '-' + HistoryCrossRef.HistoryCrossRefId		ContainerOperationMoveNonStandardKey			
----	----	<site id>		ContainerId			
CEPdb	HistoryCrossRef	TrackingId					
----	----	<site id>		WorkflowStepId			
CEPdb	HistoryMainline	WorkflowStepId					
----	----	<site id>		LaborId			
CEPdb	HistoryMainline	EmployeId					
----	----	<site id>		OperationId			
CEPdb	HistoryMainline	OperationId					
----	----	<site id>		ToWorkflowStepId			
CEPdb	MoveHistory	ToStepId					
CEPdb	HistoryMainline	Comments		Comment			
CEPdb	HistoryMainline	TxnDate		TxnDate			
CEPdb	HistoryMainline	TxnDateGMT		TxnDateGMT			
----	----		ContainerOperationRework				
----	----	<site id>		ContainerOperationReworkSiteId			
CEPdb	HistoryMainline	HistoryMainlineId + '-' + HistoryCrossRefId					
CEPdb	HistoryCrossRef			ContainerOperationReworkKey			
----	----	<site id>		ContainerId			
CEPdb	HistoryCrossRef	TrackingId					
----	----	<site id>		WorkflowStepId			
CEPdb	HistoryMainline	WorkflowStepId					
----	----	<site id>		LaborId			
CEPdb	HistoryMainline	EmployeId					
----	----	<site id>		OperationId			
CEPdb	HistoryMainline	OperationId					
CEPdb	HistoryMainline	Comments		Comment			
CEPdb	HistoryMainline	TxnDate		TxnDate			
CEPdb	HistoryMainline	TxnDateGMT		TxnDateGMT			
----	----	<site id>		ContainerOperationReworkReasonId			
CEPdb	ReworkReason	ReworkReasonId					
----	----		ContainerOperationReworkReason				
----	----	<site id>		ContainerOperationReworkReasonSiteId			
CEPdb	ReworkReason	ReworkReasonId		ContainerOperationReworkReasonKey			
CEPdb	ReworkReason	ReworkReasonName		Name			
CEPdb	ReworkReason	Description		Description			
----	----		ContainerOperationStatus				
----	----	<site id>		ContainerOperationStatusSiteId			
----	----	FAIL or PASS		ContainerOperationStatusKey			
----	----	FAIL or PASS		Name			
----	----	FAIL or PASS		Description			
----	----		ContainerProperty				
----	----	<site id>		ContainerPropertySiteId			
----	----	"FactoryStartDate"		ContainerPropertyKey			
----	----	"DateTime"		PropertyTypeKey			
----	----	null		UomKey			

----	----	"FactoryStartDate"		Name			
----	----	null		Description			
----	----	0		Multivalue			
----	----		ContainerPropertyStaticValue				
----	----	<site id>		ContainerPropertyStaticValueSiteId			
CEPdb	Container	ContainerId + ' ' + 'FactoryStartDate'		ContainerPropertyStaticValueKey			
----	----	<site id>		ContainerId			
CEPdb	Container	ContainerId					
----	----	<site id>		ContainerPropertyId			
----	----	FactoryStartDate					
----	----	null		StringValue			
----	----	null		FloatValue			
CEPdb	Container	FactoryStartDate		DatetimeValue			
----	----	null		Sequence			
----	----		ContainerStatus				
----	----	<site id>		ContainerStatusSiteId	CONTAINER		
----	----	0 or 1 or 2 or 3 or 4		ContainerStatusKey			
----	----	Deleted or Open or Closed or In transit or Issued		Name			
----	----	null		Description			
----	----		ElectronicProcedure				
----	----	<site id>		ElectronicProcedureSiteId			
CEPdb	ElectronicProcedure	ElectronicProcedureId		ElectronicProcedureKey			
CEPdb	ElectronicProcedureBase	ElectronicProcedureName		Name			
CEPdb	ElectronicProcedure	Description		Description			
----	----		Equipment				
----	----	<site id>		EquipmentSiteId			
CEPdb	ResourceDef	ResourceId		EquipmentKey	RESOURCE	Modeling -> Modeling -> Resource (Resource field)	
CEPdb	ResourceDef	ResourceName		Name			
----	----		EquipmentClass				
----	----	<site id>		EquipmentClassSiteId			
CEPdb	ResourceFamily	ResourceFamilyId		EquipmentClassKey	RESOURCE FAMILY	Modeling -> Modeling -> Resource Family (Resource family field)	
CEPdb	ResourceFamily	ResourceFamilyName		Name			
----	----		EquipmentEquipmentClass				
----	----	<site id>		EquipmentEquipmentClassSiteId			
CEPdb	ResourceDef, ResourceFamily	ResourceDef.ResourceId + " " + ResourceFamily.ResourceFamilyId		EquipmentEquipmentClassKey		Modeling -> Modeling -> Resource (Resource field) Modeling -> Modeling -> Resource Family (Resource family field) Event -> Record Generic Event or Container -> Record Production Event	Resource / Resource family association
----	----	<site id>		EquipmentId	RESOURCE	Modeling -> Modeling -> Resource (Resource field)	
CEPdb	ResourceDef	ResourceDef.ResourceId					
----	----	smallint		EquipmentClassId	RESOURCE FAMILY	Modeling -> Modeling -> Resource Family (Resource family field) Event -> Record Generic Event or Container -> Record Production Event	
CEPdb	ResourceFamily	ResourceFamily.ResourceFamilyId					
----	----		EquipmentHierarchy				
----	----	<site id>		EquipmentHierarchySiteId			
CEPdb	ResourceDef	ResourceId		EquipmentHierarchyKey	RESOURCE	Modeling -> Modeling -> Resource (Resource field)	
----	----	smallint		EquipmentId			
CEPdb	ResourceDef	ResourceId					
----	----	smallint		ParentEquipmentId			
CEPdb	ResourceDef	ParentResourceId				Modeling -> Modeling -> Resource (Parent Resource field)	
----	----		EquipmentTimeCategory				
----	----	<site id>		EquipmentTimeCategorySiteId			
----	----	1 or 2 or 3 or 4 or 5 or 6 or Undefined		EquipmentTimeCategoryKey	RESOURCE STATE		
----	----	Nonscheduled Time or Nonscheduled Downtime or Scheduled Downtime or Engineering Time or Productive Time or Standby Time or Undefined		Name			
----	----	null		Description			
----	----		EquipmentTimeModel				
----	----	<site id>		EquipmentTimeModelSiteId			
CEPdb	ResourceStatusHistory ProductionStatus	ResourceStatusHistoryId 'Actual ' + ProductionStatusId		EquipmentTimeModelKey	RESOURCE STATUS HISTORY union PRODUCTION STATUS	Resource -> Resource Set Up - generates ResourceStatusHistory	
----	----	smallint		EquipmentTimeCategoryId			
CEPdb	ResourceStatusHistory ProductionStatus	OldResourceState ResourceState					
----	----	<site id>		EquipmentId			
CEPdb	HistoryMainline ProductionStatus	ResourceId					
----	----	<site id>		ReasonTreeItemId			
CEPdb	ResourceStatusHistory ProductionStatus	OldResourceState + OldResourceStatusCodeId + OldResourceStatusReasonCodeId ResourceState + StatusId + ReasonId					
CEPdb	ResourceStatusHistory ProductionStatus	OldLastStatusChangeDateGMT LastStatusChangeDateGMT		StartDateTime			
CEPdb	ResourceStatusHistory ProductionStatus	LastStatusChangeDateGMT		EndDateTime			
CEPdb	ResourceStatusHistory ProductionStatus	null		Duration			
CEPdb	ResourceStatusHistory ProductionStatus	Datediff(second,[OldLastStatusChangeDateGMT],[LastStatusChangeDateGMT])					
----	----	smallint		MicrostopId			
----	----		FailureEvent				
----	----	<site id>		FailureEventSiteId			
CEPdb	Event	EventId		FailureEventKey			
----	----	<site id>		FailureEventCauseId			
CEPdb	EventFailureCause	CauseCodeId					
----	----	<site id>		FailureEventModelId			
CEPdb	EventFailure	FailureModelId					
----	----	<site id>		FailureEventResolutionId			
CEPdb	Event	QualityResolutionCodeId					
----	----	<site id>		FailureEventSeverityId			
CEPdb	EventFailure	FailureSeverityId					
----	----	<site id>		FailureEventStatusId			
CEPdb	Event	Status					
----	----	<site id>		FailureEventTypeId			
CEPdb	EventFailure	FailureTypeId					
----	----	<site id>		LaborId			

CEPdb	Event	InitiatorId					
CEPdb	Event	EventName		Name			
CEPdb	Event	Description		Description			
CEPdb	EventFailure	Comments		Comment			
CEPdb	Event	ReportedDate		ReportedDate			
CEPdb	Event	ReportedDateGMT		ReportedDateGMT			
----	----	<site id>	FailureEventCause				
CEPdb	NCRCauseCode	NCRCauseCodeId		FailureEventCauseSiteId			
CEPdb	NCRCauseCode	NCRCauseCodeName		FailureEventCauseKey			
CEPdb	NCRCauseCode	Description		Description			
----	----	<site id>	FailureEventDetail				
CEPdb	EventLot	EventLotId		FailureEventDetailSiteId			
----	----	<site id>		FailureEventDetailKey			
CEPdb	EventLot	ContainerId		ContainerId			
----	----	<site id>					
CEPdb	ResourceDef	ResourceId		EquipmentId			
----	----	<site id>					
CEPdb	Event	EventId		FailureEventId			
----	----	<site id>					
CEPdb	Product	ProductId		MaterialDefinitionId			
----	----	<site id>	FailureEventMode				
CEPdb	FailureMode	FailureModeId		FailureEventModeSiteId			
CEPdb	FailureMode	FailureModeName		FailureEventModeKey			
CEPdb	FailureMode	Description		Description			
----	----	<site id>	FailureEventResolution				
CEPdb	QualityResolutionCode	QualityResolutionCodeId		FailureEventResolutionSiteId			
CEPdb	QualityResolutionCode	QualityResolutionCodeName		FailureEventResolutionKey			
CEPdb	QualityResolutionCode	Description		Description			
----	----	<site id>	FailureEventSeverity				
CEPdb	FailureSeverity	FailureSeverityId		FailureEventSeveritySiteId			
CEPdb	FailureSeverity	FailureSeverityName		FailureEventSeverityKey			
CEPdb	FailureSeverity	Description		Description			
----	----	<site id>	FailureEventStatus				
----	----	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8		FailureEventStatusSiteId			
----	----	Active or Pending or Escalated or Void or Closed or Deleted or Initiated or InReview		FailureEventStatusKey			
----	----	----		Name			
----	----	----		Description			
----	----	<site id>	FailureEventType				
CEPdb	NCRFailureType	NCRFailureTypeId		FailureEventTypeIdSiteId			
CEPdb	NCRFailureType	NCRFailureTypeName		FailureEventTypeIdKey			
CEPdb	NCRFailureType	Description		Description			
----	----	<site id>	Factory				
CEPdb	Factory	FactoryId		FactorySiteId			
CEPdb	Factory	FactoryName		FactoryKey		FACTORY	
CEPdb	Factory	Description		Description			
----	----	<site id>	Indicator				
----	----	GoodQty or LossQty or ReworkedQty or TotalQty or SecondaryGoodQty or SecondaryLossQty or SecondaryReworkedQty or SecondaryTotalQty or IdealCycleTime		IndicatorSiteId			
----	----	GoodQty or LossQty or ReworkedQty or TotalQty or SecondaryGoodQty or SecondaryLossQty or SecondaryReworkedQty or SecondaryTotalQty or IdealCycleTime		IndicatorKey		SUMMARY TABLE	
----	----	null		Name			
----	----	Uom or Uom2		Description			
CEPdb	isOEERawDetails	Uom or Uom2		UomId			
----	----	<site id>	IndicatorClass				
CEPdb	Counter	CounterId		IndicatorClassSiteId			
----	----	Counter		IndicatorClassKey			
----	----	Counter		Name			
----	----	Counter		Description			
----	----	<site id>	IndicatorIndicatorClass				
----	----	(GoodQty or LossQty or ReworkedQty or TotalQty or SecondaryGoodQty or SecondaryLossQty or SecondaryReworkedQty or SecondaryTotalQty or IdealCycleTime) * Counter		IndicatorIndicatorClassSiteId			
----	----	<site id>		IndicatorIndicatorClassKey			
----	----	Counter		IndicatorClassId			
----	----	<site id>		IndicatorId			
----	----	GoodQty or LossQty or ReworkedQty or TotalQty or SecondaryGoodQty or SecondaryLossQty or SecondaryReworkedQty or SecondaryTotalQty or IdealCycleTime					
----	----	<site id>	IndicatorValue				
CEPdb	isOEERawDetails	isOEERawDetailsId + _e (GoodQty or LossQty or ReworkedQty or TotalQty or SecondaryGoodQty or SecondaryLossQty or SecondaryReworkedQty or SecondaryTotalQty or IdealCycleTime)		IndicatorValueSiteId			
----	----	<site id>		IndicatorValueKey		SUMMARY TABLE	
CEPdb	isOEERawDetails	ResourceId		EquipmentId			
----	----	<site id>		IndicatorId			
----	----	GoodQty or LossQty or ReworkedQty or TotalQty or SecondaryGoodQty or SecondaryLossQty or SecondaryReworkedQty or SecondaryTotalQty or IdealCycleTime					
CEPdb	isOEERawDetails	GoodQty or GoodQty2 or IdealCycleTime*60 or LossQty or LossQty2 or ReworkedQty or ReworkedQty2 or TotalQty or TotalQty2		Value			
CEPdb	isOEERawDetails	TxnDateGMT		StartDateTime			
CEPdb	isOEERawDetails	TxnDateGMT		EndDateTime			
----	----	null		Duration			
----	----	<site id>	Labor				
CEPdb	Employee	EmployeeId		LaborId		EMPLOYEE	
CEPdb	Employee	EmployeeName		Name			Modeling -> Modeling -> Employee
CEPdb	Employee	Description		Description			Event -> Record Generic Event or Container -> Record
----	----	<site id>	Location				
CEPdb	Location	LocationId		LocationSiteId		LOCATION	
CEPdb	Location	LocationName		LocationKey			

CEPdb	Location	Description	MaterialClass	Description			
----	----	<site id>					
CEPdb	ProductFamily	ProductFamilyId		MaterialClassSiteId MaterialClassKey	PRODUCT FAMILY	Modeling -> Modeling -> Product Family Event -> Record Generic Event or Container -> Record Production Event Container -> Hold Container -> Rework	
CEPdb	ProductFamily	ProductFamilyName		Name			
----	----	<site id>	MaterialDefinition				
CEPdb	Product	ProductId		MaterialDefinitionSiteId MaterialDefinitionKey	PRODUCT	Modeling -> Modeling -> Product Container -> Start (Product field) Event -> Record Generic Event or Container -> Record Production Event	
CEPdb	ProductBase	ProductName		Name			
CEPdb	Product	Description		Description			
----	----	<site id>	MaterialDefinitionMaterialClass				
CEPdb	Product, ProductFamily	ProductId + "_" + ProductFamilyId		MaterialDefinitionMaterialClassSiteId MaterialDefinitionMaterialClassKey	PRODUCT FAMILY	Modeling -> Modeling -> Product Family Modeling -> Modeling -> Product Container -> Start (Product field) Event -> Record Generic Event or Container -> Record Production Event	Product / Product Family association
----	----	<site id>		MaterialDefinitionId	PRODUCT		
CEPdb	Product	ProductId					
----	----	<site id>		MaterialClassId			
CEPdb	ProductFamily	ProductFamilyId					
----	----	<site id>	MaterialDefinitionPropertyStaticValue				
CEPdb	Product	ProductId + " Revision" OR ProductId + " CurrentCost" OR ProductId + " StandardCost"		MaterialDefinitionPropertyStaticValueSiteId MaterialDefinitionPropertyStaticValueKey	PRODUCT		
----	----	<site id>		MaterialDefinitionId			
CEPdb	Product	ProductId					
----	----	<site id>		MaterialPropertyId			
CEPdb	Product	"Revision" OR "CurrentCost" OR "StandardCost"					
CEPdb	Product	ProductRevision		StringValue			
CEPdb	Product	CurrentCost OR StdCost		FloatValue			
----	----			DateTimeValue			
----	----			Sequence			
----	----	<site id>	MaterialLot				
CEPdb	MfgLot	MfgLotId		MaterialLotSiteId			
CEPdb	MfgLot	MfgLotName		MaterialLotKey			
----	----	null		Name			
----	----	<site id>		Description			
CEPdb	MfgLot	ProductId		MaterialDefinitionId			
CEPdb	MfgLot	Qty		Quantity			
CEPdb	UOM	UOMName		Uomid			
CEPdb	MfgLot	CreationDate		ValidFromDate			
----	----	null		ValidToDate			
----	----	<site id>	MaterialProperty				
CEPdb	Product	"Revision" OR "CurrentCost" OR "StandardCost"		MaterialPropertySiteId			
----	----	"Revision" OR "CurrentCost" OR "StandardCost"		MaterialPropertyKey			
CEPdb	Product	"Revision" OR "CurrentCost" OR "StandardCost"		Name			
----	----			Description			
CEPdb	Product	"String" OR "Numeric"		PropertyTypeKey			
----	----			UomKey			
----	----	<site id>	Operation				
CEPdb	Operation	OperationId		OperationSiteId			
CEPdb	Operation	OperationId		OperationKey			
CEPdb	Operation	OperationName		Name			
CEPdb	Operation	Notes		Description			
----	----	<site id>	OperationExecution				
CEPdb	MfgOrder	MfgOrderId		OperationExecutionSiteId			
CEPdb	MfgOrder	MfgOrderName		OperationExecutionKey	MFG ORDER	Modeling -> Modeling -> Mfg Order (Mfg Order field)	
CEPdb	MfgOrder	Description		Description		Modeling -> Modeling -> Mfg Order (Description field)	
----	----	<site id>		OperationExecutionStatusId			
CEPdb	MfgOrder	OrderStatusId		EquipmentId			
----	----						
----	----	<site id>		MaterialDefinitionId		Modeling -> Modeling -> Mfg Order (Product field)	
CEPdb	Product	ProductId or RevOfctId		BillOfMaterialId			
----	----						
----	----	<site id>		OperationSchedulingId			
CEPdb	MfgOrder	qty		ProducedQuantity		Modeling -> Modeling -> Mfg Order (Quantity field)	
----	----	float		ReworkedQuantity			
CEPdb	Uom	UomName		ScrapQuantity			
CEPdb	MfgOrder	PlannedStartDateGMT		Uomid		Modeling -> Modeling -> Mfg Order (UOM field)	
CEPdb	MfgOrder	PlannedCompletionDateGMT		StartDateTime		Modeling -> Modeling -> Mfg Order (Planned Start Date field)	
----	----	float		EndDateTime		Modeling -> Modeling -> Mfg Order (Planned Completion Date field)	
----	----			Duration			
----	----			StartDateTime			
----	----			EndDateTime			
----	----			DateTimeValue			
----	----			Sequence			
----	----	<site id>	OperationExecutionStatus				
CEPdb	OrderStatus	OrderStatusId		OperationExecutionStatusSiteId			
CEPdb	OrderStatus	OrderStatusName		OperationExecutionStatusKey	ORDER STATUS	Modeling -> Order Status	
CEPdb	OrderStatus	Description		Name			
----	----			Description			
----	----	<site id>	OperationResponse				
CEPdb				OperationResponseSiteId	SUMMARY TABLE		

CEPdb	isOEERawDetails	OperationId + ' ' + MfgOrderId + ' ' + ResourceId		OperationResponseKey			
CEPdb	isOEERawDetails	OperationName		Name			
---	---	---		Description			
---	---	---		EquipmentId			
---	---	---		MaterialDefinitionId			
---	---	---		OperationDefinitionId			
---	---	---		OperationExecutionId			
---	---	<site id>		OperationRequestId			
CEPdb	isOEERawDetails	MfgOrderId		OperationResponseStatusId			
---	---	---		UomId			
---	---	---		ProducedQuantity			
---	---	---		ReworkedQuantity			
---	---	---		ScrapQuantity			
---	---	---		Sequence			
CEPdb	MfgOrder	min(PlannedStartDateGMT)		StartTime			
CEPdb	MfgOrder	max(PlannedCompletionDateGMT)		EndTime			
---	---	---		Duration			
---	---	---	OperationResponseEquipmentSpecification				
---	---	<site id>		OperationResponseEquipmentSpecificationSiteId	SUMMARY TABLE		
CEPdb	isOEERawDetails	OperationId + ' ' + MfgOrderId + ' ' + ResourceId + ' ' + TxnDateGMT		OperationResponseEquipmentSpecificationKey			
---	---	<site id>		EquipmentId			
CEPdb	isOEERawDetails	ResourceId					
---	---	<site id>		OperationResponseId			
CEPdb	isOEERawDetails	OperationId + ' ' + MfgOrderId + ' ' + ResourceId		Quantity			
---	---	---		StartTime			
CEPdb	isOEERawDetails	TxnDateGMT		EndTime			
CEPdb	isOEERawDetails	TxnDateGMT + (ProcessTime or QueueTime)*24*60*60		Duration			
---	---	---					
---	---	---	Owner				
---	---	<site id>		OwnerSiteId			
CEPdb	Owner	OwnerName		OwnerKey			
CEPdb	Owner	OwnerName		Name			
CEPdb	Owner	Description		Description			
---	---	---	PropertyType				
---	---	"String" or "Numeric" or "DateTime"		PropertyTypeKey			
---	---	"String" or "Numeric" or "DateTime"		Name			
---	---	---		Description			
---	---	---		QualityLimitStatusId			
---	---	---					
---	---	<site id>		QtyAdjustReasonSiteId			
CEPdb	LossReason, QtyAdjustReason, BonusReason	LossReasonName OR QtyAdjustReasonName OR BonusReasonName		QtyAdjustReasonKey			
CEPdb	LossReason, QtyAdjustReason, BonusReason	LossReasonName OR QtyAdjustReasonName OR BonusReasonName		Name			
---	---	---		Description			
---	---	---					
---	---	<site id>		ReasonSiteId			
CEPdb	ResourceStatusReason	ResourceStatusReasonId		ReasonKey	MODELING	Modeling -> Modeling -> Resource Status Reason	
CEPdb	ResourceStatusReason	ResourceStatusReasonName		Name			
CEPdb	ResourceStatusReason	Description		Description			
---	---	0		IsStop			
---	---	---					
---	---	---	ReasonTree				
---	---	---		ReasonTreeSiteId			
---	---	---		ReasonTreeKey			
---	---	---		Name			
---	---	---		Description			
---	---	---					
---	---	<site id>		ReasonTreeItemSiteId			
CEPdb	ResourceStatusHistory	OldResourceState + OldResourceStatusCodeId + OldResourceStatusReasonCodeId		ReasonTreeItemKey	MODELING	Modeling -> Modeling -> Resource Status Reason	
---	ProductionStatus	ResourceState + StatusId + ReasonId		DetailedReasonId			
---	---	---		StatusId			
CEPdb	ResourceStatusHistory	OldResourceStatusCodeId					
---	ProductionStatus	StatusId		ReasonId			
---	---	<site id>					
CEPdb	ResourceStatusHistory	OldResourceStatusReasonCodeId					
---	ProductionStatus	ReasonId		CauseId			
---	---	---					
---	---	<site id>		EquipmentTimeCategoryId			
CEPdb	ResourceStatusHistory	OldResourceState					
---	ProductionStatus	ResourceState					
---	---	---	ReworkReason				
---	---	<site id>		ReworkReasonSiteId			
CEPdb	ReworkReason	ReworkReasonName		ReworkReasonKey			
CEPdb	ReworkReason	ReworkReasonName		Name			
---	---	---		Description			
---	---	---					
---	---	<site id>		ShiftSiteId			
CEPdb	Shift	ShiftName		ShiftKey			
CEPdb	Shift	ShiftName		Name			
CEPdb	Shift	Description		Description			
---	---	---		StartTime			
---	---	---		EndTime			

---	---	0					
---	---		SignatureMeaning				
---	---	<site id>		SignatureMeaningSiteId			
CEPdb	ESigMeaning	ESigMeaningId		SignatureMeaningKey			
CEPdb	ESigMeaning	ESigMeaningName		Name			
CEPdb	ESigMeaning	Description		Description			
---	---		Spec				
---	---	<site id>		SpecSiteId			
CEPdb	Spec	SpecId		SpecKey			
CEPdb	SpecBase	SpecName		Name			
CEPdb	Spec	Description		Description			
CEPdb	Spec	SpecRevision		Revision			
---	---		Status				
---	---	<site id>	StatusSiteId		RESOURCE STATE	Modeling -> Modeling -> Resource Status Code (Resource	
CEPdb	ResourceStatusCode	ResourceStatusCodeId	StatusKey			Also, Resource -> Resource Set Up (Resource Status Code	
CEPdb	ResourceStatusCode	ResourceStatusCodeName	Name			field)	
CEPdb	ResourceStatusCode	Description	Description				
CEPdb	ResourceStatusCode	case when Availability > 1 then 1 else 0	IsStop				
---	---		SummaryTableCompletedWIPSummary				
---	---	<site id>		SummaryTableCompletedWIPSummarySiteId			
CEPdb	isCompletedWIPSummary	isCompletedWIPSummaryId		SummaryTableCompletedWIPSummaryKey	SUMMARY TABLE		
CEPdb	isCompletedWIPSummary	CalendarDate		CalendarDate			
CEPdb	isCompletedWIPSummary	CompletedDate		CompletedDate			
CEPdb	isCompletedWIPSummary	CompletedDateGMT		CompletedDateGMT			
---	---	<site id>		ContainerId			
CEPdb	isCompletedWIPSummary	ContainerId					
---	---	<site id>		LaborId			
CEPdb	isCompletedWIPSummary	EmployeId					
CEPdb	isCompletedWIPSummary	EndQty		EndQty			
CEPdb	isCompletedWIPSummary	EndQty2		SecondaryEndQty			
---	---	<site id>		FactoryId			
CEPdb	isCompletedWIPSummary	FactoryId					
CEPdb	isCompletedWIPSummary	FactoryStartDate		FactoryStartDate			
CEPdb	isCompletedWIPSummary	FactoryStartDateGMT		FactoryStartDateGMT			
---	---	<site id>		OperationExecutionId			
CEPdb	isCompletedWIPSummary	MfgOrderId					
---	---	<site id>		OperationId			
CEPdb	isCompletedWIPSummary	OperationId					
---	---	<site id>		OwnerId			
CEPdb	isCompletedWIPSummary	OwnerName					
CEPdb	isCompletedWIPSummary	PastDue		PastDue			
CEPdb	isCompletedWIPSummary	PlannedCompletionDate		PlannedCompletionDate			
CEPdb	isCompletedWIPSummary	PlannedCompletionDateGMT		PlannedCompletionDateGMT			
---	---	<site id>		MaterialDefinitionId			
CEPdb	isCompletedWIPSummary	ProductId					
---	---	<site id>		ShiftId			
CEPdb	isCompletedWIPSummary	ShiftName					
---	---	<site id>		SpecId			
CEPdb	isCompletedWIPSummary	SpecId					
CEPdb	isCompletedWIPSummary	StartQty		StartQty			
CEPdb	isCompletedWIPSummary	StartQty2		SecondaryStartQty			
CEPdb	isCompletedWIPSummary	TimePassedCompletionDate		TimePassedCompletionDate			
---	---	<site id>		TxnTypeId			
CEPdb	isCompletedWIPSummary	TxnType					
CEPdb	isCompletedWIPSummary	UOMName		Uomid			
CEPdb	isCompletedWIPSummary	UOM2Name		SecondaryUomid			
---	---	<site id>		WorkflowId			
CEPdb	isCompletedWIPSummary	WorkflowId					
---	---	<site id>		WorkflowStepId			
CEPdb	isCompletedWIPSummary	WorkflowStepId					
CEPdb	isCompletedWIPSummary	datediff(SECOND, FactoryStartDateGMT, CompletedDateGMT)		ManufacturingCycleTime			
CEPdb	Container	PlannedQty		PlannedQty			
CEPdb	MfgOrder	Qty		MfgOrderPlannedQty			
CEPdb	Uom	UomName		PlannedQtyUomKey			
CEPdb	Uom	UomName		MfgOrderPlannedQtyUomKey			
---	---		SummaryTableOEERawDetails				
---	---	<site id>		SummaryTableOEERawDetailsSiteId			
CEPdb	isOEERawDetails	isOEERawDetailsId		SummaryTableOEERawDetailsKey	SUMMARY TABLE		
CEPdb	isOEERawDetails	CalendarDate		CalendarDate			
---	---	<site id>		ContainerId			
CEPdb	isOEERawDetails	ContainerId					
CEPdb	isOEERawDetails	CycleStartGMT		CycleStartGMT			
CEPdb	isOEERawDetails	CycleTime		CycleTime			
---	---	<site id>		LaborId			
CEPdb	isOEERawDetails	EmployeId					
---	---	<site id>		FactoryId			
CEPdb	isOEERawDetails	FactoryId					
CEPdb	isOEERawDetails	GoodQty		GoodQty			
CEPdb	isOEERawDetails	GoodQty2		SecondaryGoodQty			

CEPdb	isOEERawDetails	IdealCycleTime		IdealCycleTime			
CEPdb	isOEERawDetails	LossQty		LossQty			
CEPdb	isOEERawDetails	LossQty2		SecondaryLossQty			
---	---	<site id>		OperationExecutionId			
CEPdb	isOEERawDetails	MfgOrderId		OperationId			
---	---	<site id>		OwnerId			
CEPdb	isOEERawDetails	OperationId		MaterialClassId			
---	---	<site id>		MaterialDefinitionId			
CEPdb	isOEERawDetails	ProductId		QtyAdjustReasonId			
---	---	<site id>		QueueTime			
CEPdb	isOEERawDetails	QueueTime		EquipmentClassId			
---	---	<site id>		EquipmentId			
CEPdb	isOEERawDetails	ResourceFamilyId		ReworkedQty			
---	---	<site id>		SecondaryReworkedQty			
CEPdb	isOEERawDetails	ResourceId		ReworkReasonId			
CEPdb	isOEERawDetails	ReworkedQty		ShiftId			
CEPdb	isOEERawDetails	ReworkedQty2		SpecId			
---	---	<site id>		WorkflowStepId			
CEPdb	isOEERawDetails	ReworkReason		TotalQty			
---	---	<site id>		SecondaryTotalQty			
CEPdb	isOEERawDetails	Shift		TxnDate			
---	---	<site id>		TxnDateGMT			
CEPdb	isOEERawDetails	SpecId		TxnTypeId			
---	---	<site id>		UomId			
CEPdb	isOEERawDetails	StepId		SecondaryUomId			
CEPdb	isOEERawDetails	TotalQty		WorkflowId			
CEPdb	isOEERawDetails	TotalQty2		ProcessTime			
CEPdb	isOEERawDetails	TxnDate					
CEPdb	isOEERawDetails	TxnDateGMT					
---	---	<site id>					
CEPdb	isOEERawDetails	TxnType					
CEPdb	isOEERawDetails	UOM					
CEPdb	isOEERawDetails	UOM2					
---	---	<site id>					
CEPdb	isOEERawDetails	WorkflowId					
CEPdb	isOEERawDetails	ProcessTime					
---	---	<site id>	TaskItem				
CEPdb	TaskItem	TaskItemId		TaskItemSiteId			
---	---	<site id>		TaskItemKey			
CEPdb	TaskItem	TaskListId		TaskListId			
CEPdb	TaskItem	Sequence		Sequence			
CEPdb	TaskItem	TaskItemName		Name			
CEPdb	TaskItem	ReportInstruction		Description			
---	---	<site id>	TaskList				
CEPdb	tasklist	TaskListId		TaskListSiteId			
CEPdb	TaskListBase	TaskListName		TaskListKey			
CEPdb	tasklist	ReportInstruction		Name			
---	---	<site id>		Description			
---	---	1 or 0	TaskStatus				
---	---	Pass or Fail		TaskStatusSiteId			
---	---	null		TaskStatusKey			
---	---			Name			
---	---			Description			
---	---	<site id>	TxnType				
CEPdb	HistoryMainline	TxnType		TxnTypeSiteId			
CEPdb	CDODefinition	CDOName		TxnTypeKey			
CEPdb	CDODefinition	CDODescription		Name			
---	---			Description			
CEPdb	UoM	UoMName	Uom				
CEPdb	UoM	UoMName		UomKey	MODELING	Modeling -> Modeling -> UOM	
---	---	1		Name			
---	---	1		UomSystemId			
---	---			UomCategoryId			
---	---	<site id>	Workflow				
CEPdb	Workflow	WorkflowId		WorkflowSiteId			
CEPdb	WorkflowBase	WorkflowName		WorkflowKey			
CEPdb	Workflow	Description		Name			
CEPdb	Workflow	WorkflowRevision		Description			
---	---			Revision			
---	---	<site id>	WorkflowStep				
CEPdb	WorkflowStep	WorkflowStepId		WorkflowStepSiteId			
CEPdb	WorkflowStep	WorkflowStepName		WorkflowStepKey			
CEPdb	WorkflowStep	Description		Name			
CEPdb	WorkflowStep	Sequence		Description			
---	---			Sequence			