

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	InFework		IsInProcess			
---	---	<site id>		IsInFework			
CEPdb	Container	Status		ContainerStatusId			
---	---	bit		IsFailed			
CEPdb	ContainerLevel	ContainerLevelName		LevelName			
---	---	<site id>	ContainerCorrelation				
CEPdb	HistoryMainline	HistoryMainlineId *-> HistoryCrossRefId		ContainerCorrelationSiteId			
HistoryCrossRef		<site id>		ContainerCorrelationKey			
---	---	<site id>		ContainerId			
CEPdb	HistoryCrossRef	TrackingId		ParentContainerId			
---	---	<site id>		ContainerOperationId			
CEPdb	HistoryCrossRef	HistoryId					
---	---	<site id>					
CEPdb	HistoryMainline	HistoryMainlineId	ContainerCurrentStatus				
---	---	<site id>		ContainerCurrentStatusSiteId			
CEPdb	CurrentStatus, Container	CurrentStatusId *-> ContainerId		ContainerCurrentStatusKey	CURRENTSTATUS		
CEPdb	CurrentStatus	CurrentStepPass		CurrentStepPass			
---	---	<site id>		FactoryId			
CEPdb	CurrentStatus	FactoryId		LastMoveDate			
CEPdb	CurrentStatus	LastMoveDate		LastMoveDate			
CEPdb	CurrentStatus	LastMoveDateGMT		LastMoveDateGMT			
---	---	<site id>		LocationId			
CEPdb	CurrentStatus	LocationId		EquipmentId			
---	---	<site id>		TimersCount			
CEPdb	CurrentStatus	ResourceId		WorkflowStepId			
CEPdb	CurrentStatus	ReworkLoopCount		OperationId			
CEPdb	CurrentStatus	ReworkTotalCount		ContainerId			
---	---	<site id>		SpecId			
CEPdb	CurrentStatus	SpecId		OpStartQty			
CEPdb	CurrentStatus	TimersCount		OpSecondaryStartQty			
---	---	<site id>		ContainerQty			
CEPdb	CurrentStatus	WorkflowStepId		ContainerSecondaryQty			
---	---	<site id>		UomId			
CEPdb	Spec	OperationId		SecondaryUomId			
---	---	<site id>		OriginalQty			
CEPdb	Container	ContainerId	ContainerOperation				
---	---	<site id>		ContainerOperationSiteId			
CEPdb	Container	ProductId		ContainerOperationKey			
---	---	<site id>		ContainerId			
CEPdb	Container	MfgOrderId		ContainerOperationStatusId			
CEPdb	CurrentStatus	OpStartQty		EquipmentId			
CEPdb	CurrentStatus	OpStartQty2		MaterialDefinitionId			
CEPdb	Container	Qty		OperationId			
CEPdb	Container	Qty2		ParentContainerId			
CEPdb	UOM	UOMName		WorkflowStepId			
CEPdb	UOM	UOMName		OperationExecutionId			
CEPdb	Container	OriginalQty		MfgOrderId			
---	---	<site id>		OpSecondaryQty			
CEPdb	HistoryMainline	HistoryMainlineId		ContainerSecondaryQty			
---	---	<site id>		UomId			
CEPdb	HistoryMainline	ContainerId		SecondaryUomId			
---	---	<site id>		OriginalQty			
CEPdb	HistoryMainline	IsFailed		ContainerOperationAssembly			
---	---	<site id>					
CEPdb	HistoryMainline	ResourceId					
---	---	<site id>					
CEPdb	HistoryMainline	ProductId					
---	---	<site id>					
CEPdb	HistoryMainline	OperationId					
---	---	<site id>					
CEPdb	HistoryMainline	null					
---	---	<site id>					
CEPdb	HistoryMainline	WorkflowStepId					
---	---	<site id>					
CEPdb	Container	MfgOrderId					
---	---	<site id>					
CEPdb	HistoryMainline	TxnType					
---	---	<site id>					
CEPdb	HistoryMainline	null					
---	---	<site id>					
CEPdb	MoveHistory	CycleTime		Quantity			
CEPdb	MoveHistory	CycleTime		MoveCycleTime			
CEPdb	MoveHistory	Qty		MoveInCycleTime			
CEPdb	MoveHistory	Qty		MoveInQuantity			
CEPdb	HistorMainline	TxnId		MoveQuantity			
CEPdb	HistorMainline	TxnDate		Txn			
CEPdb	HistorMainline	TxnDateGMT		TxnDate			
---	---	<site id>		TxnDateGMT			
CEPdb	HistorMainline	EmployeeId		LaborId			
CEPdb	HistorMainline	StepPass		ContainerStepPass			

—	—	<site id>		ContainerOperationExecuteTaskComputationSited					
CEPdb	Computation	ComputationId		ContainerOperationExecuteTaskComputationKey					
CEPdb	Computation	ComputationName		Name					
CEPdb	Computation	Description		Description					
—	—	<site id>		ContainerOperationExecuteTaskParameter					
—	—	<site id>		ContainerOperationExecuteTaskParameterSited					
CEPdb	DataPointHistoryDetail	DataManager		ContainerOperationExecuteTaskParameterKey					
CEPdb	DataPointHistoryDetail	DataManager		Name					
—	—	null		Description					
—	—	<site id>		ContainerOperationExecuteTaskParameterValue					
—	—	<site id>		ContainerOperationExecuteTaskParameterValueSited					
CEPdb	DataPointHistoryDetail	DataPointHistoryDetailId		ContainerOperationExecuteTaskParameterValueKey					
—	—	<site id>		ContainerOperationExecuteTaskId					
CEPdb	ExecuteTaskHistory	ExecuteTaskHistoryId		ContainerOperationExecuteTaskParameterId					
—	—	<site id>		ContainerOperationExecuteTaskParameterId					
CEPdb	DataPointHistoryDetail	DataManager		StringValue					
CEPdb	DataPointHistoryDetail	LowerLimit		LowerLimit					
CEPdb	DataPointHistoryDetail	UpperLimit		UpperLimit					
CEPdb	UOM	UOMName		UomKey					
CEPdb	HistoryMainline	TxnDate		TxnDate					
CEPdb	HistoryMainline	TxnDateGMT		TxnDateGMT					
—	—	<site id>		ContainerOperationHold					
—	—	<site id>		ContainerOperationHoldSited					
CEPdb	HistoryMainline	HistoryMainlineId + "_"+HistoryCrossRefId		ContainerOperationHoldKey					
—	—	<site id>		ContainerId					
CEPdb	HistoryCrossRef	TrackingId		WorkflowStepId					
—	—	<site id>		WorkflowStepId					
CEPdb	HistoryMainline	WorkflowStepId		LaborId					
—	—	<site id>		OperationId					
CEPdb	HistoryMainline	EmployeeId		OperationId					
—	—	<site id>		OperationId					
CEPdb	HistoryMainline	OperationId		TxnDate					
CEPdb	HistoryMainline	TxnDate		TxnDateGMT					
CEPdb	HistoryMainline	TxnDateGMT		Comment					
—	—	<site id>		ContainerOperationHoldReasonId					
CEPdb	HoldReleaseHistory	HoldReasonId		ContainerOperationHoldReason					
—	—	<site id>		ContainerOperationHoldReason					
CEPdb	HoldReason	HoldReasonId		ContainerOperationHoldReasonSited					
CEPdb	HoldReason	HoldReasonName		ContainerOperationHoldReasonKey					
CEPdb	HoldReason	Description		Name					
CEPdb	HoldReason	Description		Description					
—	—	<site id>		ContainerOperationMoveNonStandard					
—	—	<site id>		ContainerOperationMoveNonStandardSited					
CEPdb	HistoryMainline_HistoryCrossRef	HistoryMainline.HistoryMainlineId + "_"+ HistoryCrossRef.HistoryCrossRefId		ContainerOperationMoveNonStandardKey					
—	—	<site id>		ContainerId					
CEPdb	HistoryCrossRef	TrackingId		WorkflowStepId					
—	—	<site id>		WorkflowStepId					
CEPdb	HistoryMainline	WorkflowStepId		LaborId					
—	—	<site id>		OperationId					
CEPdb	HistoryMainline	EmployeeId		OperationId					
—	—	<site id>		OperationId					
CEPdb	HistoryMainline	OperationId		ToWorkflowStepId					
—	—	<site id>		ToWorkflowStepId					
CEPdb	MoveHistory	ToStepId		Comment					
CEPdb	HistoryMainline	Comments		TxnDate					
CEPdb	HistoryMainline	TxnDate		TxnDateGMT					
CEPdb	HistoryMainline	TxnDateGMT		ContainerOperationRework					
—	—	<site id>		ContainerOperationReworkSited					
CEPdb	HistoryMainline_HistoryCrossRef	HistoryMainline.HistoryMainlineId + "_"+ HistoryCrossRef.HistoryCrossRefId		ContainerOperationReworkKey					
—	—	<site id>		ContainerId					
CEPdb	HistoryCrossRef	TrackingId		WorkflowStepId					
—	—	<site id>		WorkflowStepId					
CEPdb	HistoryMainline	WorkflowStepId		LaborId					
—	—	<site id>		OperationId					
CEPdb	HistoryMainline	EmployeeId		OperationId					
—	—	<site id>		OperationId					
CEPdb	HistoryMainline	OperationId		Comment					
CEPdb	HistoryMainline	Comments		TxnDate					
CEPdb	HistoryMainline	TxnDate		TxnDateGMT					
CEPdb	HistoryMainline	TxnDateGMT		ContainerOperationReworkReasonId					
—	—	<site id>		ContainerOperationReworkReason					
—	—	<site id>		ContainerOperationReworkReasonSited					
CEPdb	ReworkReason	ReworkReasonId		ContainerOperationReworkReasonKey					
CEPdb	ReworkReason	ReworkReasonName		Name					
CEPdb	ReworkReason	Description		Description					
—	—	<site id>		ContainerOperationStatus					
—	—	<site id>		ContainerOperationStatusSited					
—	—	FAIL or PASS		ContainerOperationStatusKey					
—	—	FAIL or PASS		Name					
—	—	FAIL or PASS		Description					
—	—	<site id>		ContainerProperty					
—	—	<site id>		ContainerPropertySited					
—	—	"FactoryStartDate"		ContainerPropertyKey					
—	—	"DateTime"		PropertyNameTypeKey					
—	—	null		UomKey					

---	"FactoryStartDate"		Name			
---	null		Description			
---	0		Multivalue			
---		ContainerPropertyStaticValue				
CEPdb	Container	Containerm + '-' + 'FactoryStartDate'	ContainerPropertyStaticValueSiteId			
CEPdb	Container	Containerm	ContainerPropertyStaticValueKey			
---	---		ContainermId			
CEPdb	Container	FactoryStartDate	ContainerPropertyId			
---	---		StringValue			
---	---		FloatValue			
CEPdb	Container	FactoryStartDate	DatetimeValue			
---	---		Sequence			
---		ContainerStatus				
---	---		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				
---	---		ElectronicProcedureSiteId			
CEPdb	ElectronicProcedure	ElectronicProcedureId	ElectronicProcedureKey			
CEPdb	ElectronicProcedureBase	ElectronicProcedureName	Name			
CEPdb	ElectronicProcedure	Description	Description			
---		Equipment				
---	---		EquipmentSiteId			
CEPdb	ResourceDef	ResourceId	EquipmentKey	RESOURCE	Modeling -> Modeling -> Resource (Resource field)	
CEPdb	ResourceDef	ResourceName	Name			
---		EquipmentEquipmentClass				
---	---		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
---	---		EquipmentId	RESOURCE	Modeling -> Modeling -> Resource (Resource field)	
CEPdb	ResourceDef	ResourceDef.ResourceId	EquipmentClassId	RESOURCE FAMILY	Modeling -> Modeling -> Resource Family (Resource Family field)	
---	---	smallint			Event -> Record Generic Event or Container -> Record Production Event	
CEPdb	ResourceFamily	ResourceFamily.ResourceFamilyId				
---		EquipmentHierarchy				
---	---		EquipmentHierarchySiteId			
CEPdb	ResourceDef	ResourceId	EquipmentHierarchyKey	RESOURCE	Modeling -> Modeling -> Resource (Resource field)	
---	---	smallint	EquipmentId			
CEPdb	ResourceDef	ResourceId				Modeling -> Modeling -> Resource Family (Resource Family field)
---	---	smallint	ParentEquipmentId		Event -> Record Generic Event or Container -> Record Production Event	
CEPdb	ResourceDef	ParentResourceId				
---		EquipmentTimeCategory				
---	---		EquipmentTimeCategorySiteId			
CEPdb	ResourceStatusHistory	ResourceStatusHistoryId	EquipmentTimeCategoryKey	RESOURCE STATE	Modeling -> Modeling -> Resource (Resource field)	
---	---	Actual + ProductionStatusId	Name			
CEPdb	ResourceStatusHistory	OldResourceState				Modeling -> Modeling -> Resource Family (Resource Family field)
---	---	ProductionStatus				Event -> Record Generic Event or Container -> Record Production Event
CEPdb	HistoryMainline	ResourceId				

CEPdb	ResourceStatusHistory	OldResourceState + OldResourceStatusCodeId + OldResourceStatusReasonCodeId	ReasonTreeItemId			
---	---	ResourceState + StatutId + ReasonId				
CEPdb	ResourceStatusHistory	OldLastStatusChangeDateGMT	StartDateTime			
CEPdb	ResourceStatusHistory	LastStatusChangeDateGMT	EndDateTime			
CEPdb	ResourceStatusHistory	null	Duration			
CEPdb	ResourceStatusHistory	datediff(second,[OldLastStatusChangeDateGMT],[LastStatusChangeDateGMT])	MicrostopId			
---	---	smallint				
---		FailureEvent				
---	---		FailureEventSiteId			
CEPdb	Event	EventId	FailureEventKey			
---	---		FailureEventCauseId			
CEPdb	EventFailureCause	CauseCodeId	FailureEventModelId			
---	---	smallint				
CEPdb	EventFailure	FailureModelId	FailureEventResolutionId			
---	---					
CEPdb	Event	QualityResolutionCodeId				
---	---					
CEPdb	EventFailure	FailureSeverityId	FailureEventSeverityId			
---	---					
CEPdb	Event	Status	FailureEventStatusId			
---	---					
CEPdb	EventFailure	FailureTypeId	FailureEventTypeId			
---	---		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	Name				
			Description				
		<site id>	FailureEventDetail				
CEPdb	EventLot	EventLotId	FailureEventDetailSiteId				
		<site id>	FailureEventDetailKey				
CEPdb	EventLot	ContainerId	ContainerId				
		<site id>	EquipmentId				
CEPdb	ResourceDef	ResourceId	EquipmentId				
		<site id>	FailureEventId				
CEPdb	Event	EventId	FailureEventId				
		<site id>	MaterialDefinitionId				
CEPdb	Product	ProductId	MaterialDefinitionId				
		<site id>	FailureEventMode				
CEPdb	FailureMode	FailureModeId	FailureEventModeSiteId				
CEPdb	FailureMode	FailureModeName	FailureEventModeKey				
CEPdb	FailureMode	Description	Name				
			Description				
		<site id>	FailureEventResolution				
CEPdb	QualityResolutionCode	QualityResolutionCodeId	FailureEventResolutionSiteId				
CEPdb	QualityResolutionCode	QualityResolutionCodeName	FailureEventResolutionKey				
CEPdb	QualityResolutionCode	Description	Name				
			Description				
		<site id>	FailureEventSeverity				
CEPdb	FailureSeverity	FailureSeverityId	FailureEventSeveritySiteId				
CEPdb	FailureSeverity	FailureSeverityName	FailureEventSeverityKey				
CEPdb	FailureSeverity	Description	Name				
			Description				
		<site id>	FailureEventStatus				
CEPdb	NCRFailureType	NCRFailureTypeId	FailureEventStatusSiteId				
CEPdb	NCRFailureType	NCRFailureTypeName	FailureEventStatusKey				
CEPdb	NCRFailureType	Description	Name				
			Description				
		<site id>	FailureEventType				
CEPdb	NCRFailureType	NCRFailureTypeId	FailureEventTypeSiteId				
CEPdb	NCRFailureType	NCRFailureTypeName	FailureEventTypeKey				
CEPdb	NCRFailureType	Description	Name				
			Description				
		<site id>	Factory				
CEPdb	Factory	FactoryId	FactorySiteId				
CEPdb	Factory	FactoryName	FactoryKey	FACTORY			
CEPdb	Factory	Description	Name				
			Description				
		<site id>	Indicator				
CEPdb	isOEERawDetails	Uom or Uom2	IndicatorSiteId				
			IndicatorKey	SUMMARY TABLE			
		GoodQty or LossQty or ReworkedQty or TotalQty or SecondaryGoodQty or SecondaryLossQty or SecondaryReworkedQty or SecondaryTotalQty or IdealCycleTime	Name				
		null	Description				
CEPdb	isOEERawDetails	Uom or Uom2	Uomid				
		<site id>	IndicatorClass				
		<site id>	Counter	IndicatorClassSiteId			
		<site id>	Counter	IndicatorClassKey			
		<site id>	Counter	Name			
			Description				
		<site id>	IndicatorIndicatorClass				
		<site id>	IndicatorIndicatorClassSiteId				
		(GoodQty or LossQty or ReworkedQty or TotalQty or SecondaryGoodQty or SecondaryLossQty or SecondaryReworkedQty or SecondaryTotalQty or IdealCycleTime) + Counter	IndicatorIndicatorClassKey				
		<site id>	IndicatorClassId				
		<site id>	Counter				
		<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	isOEERawDetails1 + + (GoodQty or LossQty or ReworkedQty or TotalQty or SecondaryGoodQty or SecondaryLossQty or SecondaryReworkedQty or SecondaryTotalQty or IdealCycleTime)	IndicatorValueSiteId				
			IndicatorValueKey	SUMMARY TABLE			
		<site id>	EquipmentId				
CEPdb	isOEERawDetails	ResourceId	IndicatorId				
		<site id>	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	StartTime				
CEPdb	isOEERawDetails	TxnDateGMT	EndDateTime				
		null	Duration				
		<site id>	Labor				
CEPdb	Employee	EmployeeId	LaborId	EMPLOYEE	Modeling -> Modeling -> Employee		
CEPdb	Employee	EmployeeName	Name		Event -> Record Generic Event or Container -> Record		
CEPdb	Employee	Description	Description				
		<site id>	Location				
CEPdb	Location	LocationId	LocationSiteId	LOCATION			
CEPdb	Location	LocationName	LocationKey				
			Name				

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

CEPdb	IsOEERawDetails	OperationId + " " + MfgOrderId + " " + ResourceId		OperationResponseKey			
CEPdb	IsOEERawDetails	OperationName		Name			
---	---			Description			
---	---			EquipmentId			
---	---			MaterialDefinitionId			
---	---			OperationDefinitionId			
---	---	<site id>		OperationExecutionId			
CEPdb	IsOEERawDetails	MfgOrderId		OperationRequestId			
---	---			OperationResponseStatusId			
---	---			UomId			
---	---			ProducedQuantity			
---	---			ReworkedQuantity			
---	---			ScrapQuantity			
---	---			Sequence			
CEPdb	MfgOrder	min(PlannedStartDateGMT)		StartTime			
CEPdb	MfgOrder	max(PlannedCompletionDateGMT)		EndDateTime			
---	---			Duration			
OperationResponseEquipmentSpecification							
---	---	<site id>		OperationResponseEquipmentSpecificationSiteId	SUMMARY TABLE		
CEPdb	IsOEERawDetails	OperationId + " " + MfgOrderId + " " + ResourceId + " " + TxnDateGMT		OperationResponseEquipmentSpecificationKey			
CEPdb	IsOEERawDetails	ResourceId		EquipmentId			
CEPdb	IsOEERawDetails	<site id>		OperationResponseId			
CEPdb	IsOEERawDetails	OperationId + " " + MfgOrderId + " " + ResourceId		Quantity			
CEPdb	IsOEERawDetails	TxnDateGMT		StartTime			
CEPdb	IsOEERawDetails	TxnDateGMT + (ProcessTime or QueueTime)*24*60*60		EndDateTime			
---	---			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			
QtyAdjustReason							
---	---	<site id>		QtyAdjustReasonSiteId			
CEPdb	LossReason, QtyAdjustReason, BonusReason	LossReasonName OR QtyAdjustReasonName OR BonusReasonName		QtyAdjustReasonKey			
CEPdb	LossReason, QtyAdjustReason, BonusReason	LossReasonName OR QtyAdjustReasonName OR BonusReasonName		Name			
---	---			Description			
Reason							
---	---	<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			
ReasonTreeItem							
---	---	<site id>		ReasonTreeItemSiteId			
CEPdb	ResourceStatusHistory ProductionStatus	OldResourceState + OldResourceStatusCodeId + OldResourceStatusReasonCodeId		ReasonTreeItemKey	MODELING	Modeling -> Modeling -> Resource Status Reason	
---	---	ResourceState + StatusId + ReasonId		DetailedReasonId			
---	---			StatusId			
CEPdb	ResourceStatusHistory ProductionStatus	OldResourceStatusCodeId		ReasonId			
---	---	<site id>		CauseId			
CEPdb	ResourceStatusHistory ProductionStatus	OldResourceStatusReasonCodeId		EquipmentTimeCategoryId			
---	---	ReasonId					
CEPdb	ResourceStatusHistory ProductionStatus	OldResourceState					
---	---	ResourceState					
ReworkReason							
---	---	<site id>		ReworkReasonSiteId			
CEPdb	ReworkReason	ReworkReasonName		ReworkReasonKey			
CEPdb	ReworkReason	ReworkReasonName		Name			
---	---			Description			
Shift							
---	---	<site id>		ShiftSiteId			
CEPdb	Shift	ShiftName		ShiftKey			
CEPdb	Shift	ShiftName		Name			
CEPdb	Shift	Description		Description			
---	---			StartTime			
---	---			EndTime			

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

CEPdb	IsOEERawDetails	idealCycleTime		IdealCycleTime			
CEPdb	IsOEERawDetails	LossQty		LossQty			
CEPdb	IsOEERawDetails	LossQty2		SecondaryLossQty			
---	---	<site id>		OperationExecutionId			
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CEPdb	IsOEERawDetails	OwnerName		MaterialDefinitionId			
CEPdb	IsOEERawDetails	ProductFamilyId		QtyAdjustReasonId			
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CEPdb	IsOEERawDetails	QtyAdjustReason		QueueTime			
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CEPdb	IsOEERawDetails	ReworkedQty		SecondaryReworkedQty			
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CEPdb	IsOEERawDetails	Shift		SpecId			
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---	---	<site id>		TotalQty2			
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CEPdb	IsOEERawDetails	TotalQty2		TxnDateGMT			
CEPdb	IsOEERawDetails	TxnDate		TxnType			
CEPdb	IsOEERawDetails	TxnDateGMT		UOM			
CEPdb	IsOEERawDetails	TxnType		UomId			
CEPdb	IsOEERawDetails	UOM		SecondaryUomId			
CEPdb	IsOEERawDetails	UOM2		WorkflowId			
---	---	<site id>		WorkflowId			
CEPdb	IsOEERawDetails	WorkflowId		ProcessTime			
CEPdb	IsOEERawDetails	ProcessTime		TaskItem			
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CEPdb	TaskItem	TaskItemid		TaskItemKey			
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CEPdb	TaskItem	TaskListId		Sequence			
CEPdb	TaskItem	Sequence		Name			
CEPdb	TaskItem	TaskItemName		Description			
CEPdb	TaskItem	ReportInstruction		TaskList			
---	---	<site id>		TaskListSiteId			
CEPdb	tasklist	TaskListId		TaskListKey			
CEPdb	TaskListBase	TaskListName		Name			
CEPdb	tasklist	ReportInstruction		Description			
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---	---	<site id>		TaskStatusSiteId			
---	1 or 0			TaskStatusKey			
---	Pass or Fail			Name			
---	null			Description			
---	---	<site id>		TxType			
CEPdb	HistoryMainline	TxType		TxTypeSiteId			
CEPdb	CDDDefinition	CDDName		TxTypeKey			
CEPdb	CDDDefinition	CDDDescription		Name			
CEPdb	CDDDefinition	Description		Description			
CEPdb	UoM	UOMNAME		Uom			
CEPdb	UoM	UomName		UomKey	MODELING	Modeling -> Modeling -> UOM	
---	---	1		Name			
---	---	1		UomSystemId			
---	---	1		UomCategoryid			
---	---	<site id>		Workflow			
CEPdb	Workflow	WorkflowId		WorkflowSiteId			
CEPdb	WorkflowBase	WorkflowName		WorkflowKey			
CEPdb	Workflow	Description		Name			
CEPdb	Workflow	WorkflowRevision		Description			
CEPdb	Workflow	WorkflowStep		Revision			
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CEPdb	WorkflowStep	WorkflowStepId		WorkflowStepSiteId			
CEPdb	WorkflowStep	WorkflowStepName		WorkflowStepKey			
CEPdb	WorkflowStep	Description		Name			
CEPdb	WorkflowStep	Sequence		Description			
CEPdb	WorkflowStep	Sequence		Sequence			