

Cohesive Information Solutions

Maximo Nuclear 7.5 Clearances



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Presenting today

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Cohesive Information Solutions

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Maximo Nuclear Solution

Webinar Schedule

~~**Sept 16:** *Maximo Nuclear 7.5 New Features*~~

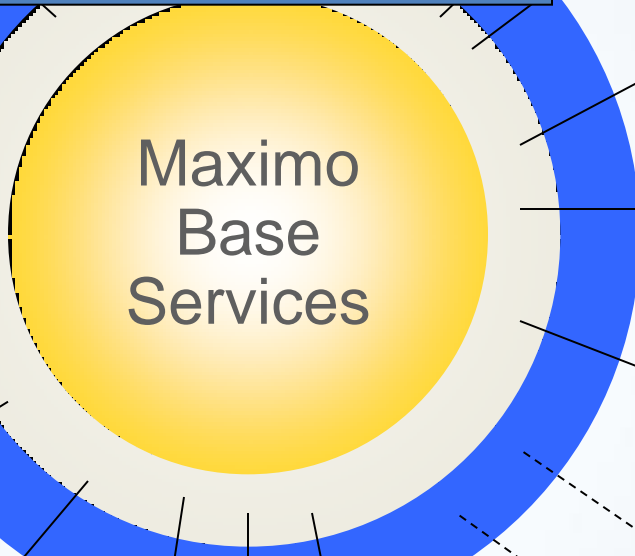
Oct 21: *Clearances*

Nov 18: *Corrective Action*

Dec 16: *Configuration Management*

IBM Maximo for Nuclear Power

Nuclear EAM Applications



Equipment Reliability

Foundational relationships for nuclear EAM established among Assets, Locations Work Orders, and Preventive Maintenance

Job Plan Revisioning

Enhanced control of key maintenance procedures

Lineups

Captures plant component positions and assimilates CL information

Quick Loc/Assets

Rapid creation for Ops configuration control activities; may promote later

Kiosk Applications

Clearances Kiosk; Lineups Kiosk; CL Sign On/Off; Create Condition Report

Clearances

+ enhancements

Robust configuration control for safe Maintenance and Testing in the operating plant

Calibrations / M&T

Tools, Assets, Data Sheets, Job Plan Versioning, WOs, PMs, Loop Cals, Tool Usage, And Mobile

Tech Specs

Includes Tech Spec LCOs, Applicability, and Surveillance Requirements functionality

Impact Plans

Pre-established Operational and Maintenance risk management; interface with PRA/decision support

Commitment Tracking

Review / Approval and Work Management Commitments

SNPM Workflow / Nuclear Content

Industry standard Single Point of Entry Workflow directs requests for plant maintenance, materials, other needs; standard KPIs and Reports

Surveillance Testing

+ enhancements

Provides for Regulatory Frequency Scheduling and Tracking; ties to the Tech Specs and Plant Modes framework;

Procurement Engineering

Multi-Asset and Location; Retests Technical / Quality Terms and Vendor Quots tie together Reqs, Contracts, RFQs, Companies, POs, Items, and Inventory into an integrated process

Integration products complement Maximo Nuclear

Primavera Integration

Applicable to complex scheduling requirements

ERP Integration

Standard SAP and Oracle integrations available

EDM Integration

Standard FileNet integration available

Config Change Management

Master Equipment List functionality based on controlled revisions to Assets, Locations and CIs; Change and Release apps form the engineering approval process

Permits

Prestaged strategies or ad-hoc; multiple types support plant work

Corrective Actions

Support a graded approach; considers potential impact to nuclear safety and regulatory notifications; trending ties to all Maximo records

Equipment Groups

FEGs and Boundary Groups

Maximo 7.5 Clearance Features

- Multiple Clearance Types
 - Working, Admin, Template (synonym domain)
- Multiple Tag Types
 - Danger, Caution, Grounding, Test, No Tag (synonym domain)
- Fully integrated with Work Orders, PM's, Lineups
- Tag Sharing and Conflict Checking capabilities
- Revision Lifecycle supported
- Flexibility in adding, removing or blocking Work Orders
- Supports Parent/Child Hierarchy
- Dedicated Kiosk applications
- Numerous Standard Reports

Clearance Setup Options

Clearance Options

Select a site and then define settings for the clearances and associated work orders that are created for that site. [More information](#)

Sites Filter 1 - 5 of 8 Download

Site	Description
DENVER	DENVER, CO Site of Eaglena Inc. North America
TEXAS	SAN ANTONIO TEXAS SITE OF EAGLE NA
LAREDO	MEXICO SITE OF EAGLE NA
FLEET	Corporate Fleet Management of Eagle, Inc.
NASHUA	Nashua Site of Eagle Inc. North America

Settings

Tag Sharing:

Automatically share tags during SRO approval

Manually share tags during SRO approval

Share tags on demand

Conflict Checking:

Apply tag conflict checking rules during SRO approval

Check for tag conflicts on demand

Transfer of Tags from Clearances to Work Orders:

Automatically transfer all tags during craft approval

Manually transfer tags during craft approval

Tag Sequence Numbers within Clearances Must Be Unique:

Yes

No

Allow the Requirements for Independent Verification to Be Changed on Draft Clearance:

Yes

No

Clearance Setup Options cont.

Craft Approval of Clearance Protection for Work Orders is Required:

Yes
 No

Work Order Acceptance of Clearance Revisions:

Clearance revisions must be accepted in all associated work orders before SRO revision approval
 Skip work order acceptance of clearance revisions when new tags are added and existing tags are not restored
 Work order acceptance of clearance revisions is never required

Allow Multiple Clearances to Be Associated with a Single Work Order:

No
 Yes

Changing Clearance Status from Approved to Ready:

Automatically change clearance status from Approved to Ready when tags are applied, restored, or verified
 Manually change clearance status from Approved to Ready

Changing Clearance Status from Release to Restore:

Automatically change clearance status from Release to Restore when TO grants approval to release
 Manually change clearance status from Release to Restore when SRO grants approval to restore

Status and Position Values

Statuses Where the Requirement for Clearance Protection Can Be Changed: =WAPPR,=APPR

* Position Value Where Physical Position is Not Controlled: NOTCTRL

Clearance Setup Options cont.

Compatible Tag Types

? Specify tag types that are compatible with each other. When tag types are compatible, you can simultaneously apply one tag of each type to the same component within a given clearance.

	Grounding	Test	Caution	No Tag
Danger	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grounding		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Test			<input type="checkbox"/>	<input type="checkbox"/>
Caution				<input type="checkbox"/>

OK Cancel

Location/Asset Setup

Location: Circuit Breaker # Site: Plant System:

Locality Notes: Unit: Print Type:

Positions : Filter > 1 - 2 of 2 Download

Position	IV Req'd - Application	IV Req'd - Restoration	Position Notes
OPEN	<input type="checkbox"/>	<input type="checkbox"/>	
CLOSED	<input type="checkbox"/>	<input type="checkbox"/>	

Details

* Position: Closed
 Independent Verification Req'd - Application?

Position Notes:
Independent Verification Req'd - Restoration?

New Row

Restoration Conditions for Position CLOSED : Filter > 1 - 1 of 1 Download

Specify or view restoration condition details for the selected position. You can associate the same position with multiple restoration conditions. However, each restoration condition can have only one position for a given location. [More information](#)

Restoration Condition	Description	Restoration Condition Notes	Restoration Position Source
LINE-UP	Startup Lineup Position		

Details

* Restoration Condition: Startup Lineup Position
 Restoration Condition Notes:

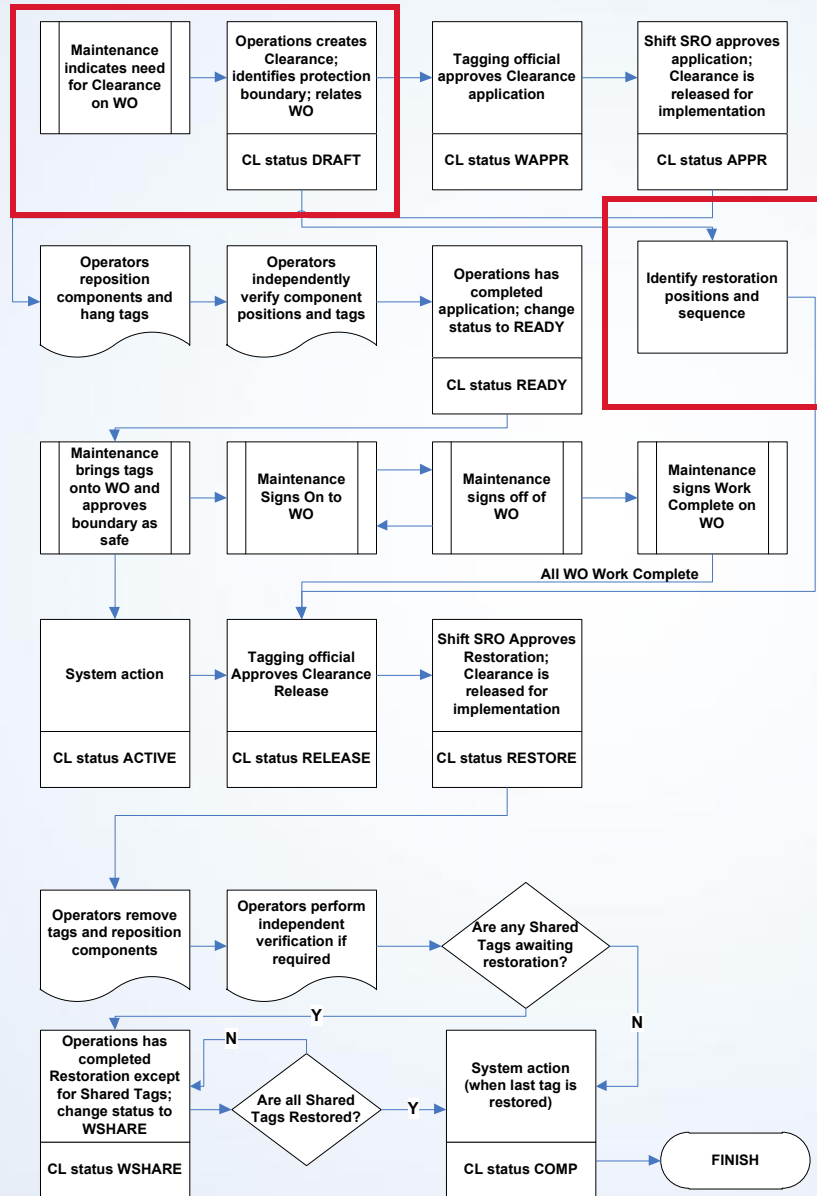
Restoration Position Source:

New Row

Operational History : Filter > 0 - 0 of 0 Download

Event Date	Event	Event Detail 1	Record Type	Event Status	Event Record
------------	-------	----------------	-------------	--------------	--------------

Clearance Lifecycle



Request a Clearance

Work Order: 5004	Feeder Jammed	Site: BEDFORD	Attachments
Location: BPM3100 >> #1 Liquid Packaging Line		Unit:	Status: WAPPR
Asset: 13110 >> Feeder System		Plant System:	Status Date: 12/31/98 12:59 PM
Configuration Item:		Power Block? <input type="checkbox"/>	Inherit Status Changes? <input checked="" type="checkbox"/>
Equipment Group:		Class: WORKORDER	Accepts Charges? <input checked="" type="checkbox"/>
Condition Tag:		Work Type: CM	Is Task? <input type="checkbox"/>
Parent WO: >>		Work Category:	Impact Plan Required? <input type="checkbox"/>
Classification:		GL Account: 6400-300-???	Reference Impact Plan:
Class Description:		Failure Class: PKG >>	Clearance Protection Required? <input checked="" type="checkbox"/>
Commitment:		Problem Code:	Released from Clearances? <input type="checkbox"/>
Corrective Action Control? <input type="checkbox"/>		As Found Code:	Under Flow Control? <input type="checkbox"/>
Work Location: >>		Storeroom Material Status:	Suspend Flow Control? <input type="checkbox"/>
Modes:		Direct Issue Material Status:	Flow Action: >>
MER:		Work Package Material Status:	Flow Action Assist? <input type="checkbox"/>
Launch Entry Name: >>		Material Status Last Updated:	

Job Details Asset Details Priority

Request a Clearance for a Task

Tasks for Work Order 5004 Filter 1 - 1 of 1 Download

Sequence	Task	Summary	Estimated Duration	Status	Owner	Owner Group
	10		0:00	WAPPR		

Task Information

* Task:

Sequence:

Status:

Classification:

Classification Description:

Under Flow Control?

Flow Action:

Suspend Flow Control?

Flow Action Assist?

Launch Entry Name:

Attachments

Inherit Status Changes?

Accepts Charges?

Owner:

Owner Group:

Route:

Route Stop:

Work Reference Information

Reference WO:

Location:

Asset:

Unit:

Plant System:

Service Group:

Service:

Observation:

Inspector:

Measurement Point:

Measurement Value:

Measurement Date:

Clearance Required?

WO Released from Clearances?

Clearance

Clearances (Nuc) Bulletins: (1) [Go To](#) [Reports](#) [Start Center](#) [Profile](#) [Sign Out](#) [Help](#)

Find: Select Action [Icons]

List Clearance Related Records Application Restoration Sign On/Off Operational Impacts Log Specifications

• Clearance: Site: Status:

Location: Unit: Status Date:

Asset: Plant System: Tag Share Run?

Equipment Group: • Type: Tag Share Date:

Parent: Template: Attachments [\[Icon\]](#)

Revision: Classification:

Parent Under Rev? Class Description:

Responsibility

Created By: Created Date: [Icon]

Changed By: Changed Date: [Icon]

Revision Information

Revision: Active?

Revised By: Issued By:

Revision Date: [Icon] Issue Date: [Icon]

Comments: [Icon] Comments: [Icon]

Scheduling Information

Target App. Start: <input type="text"/> [Icon]	Target Rest. Start: <input type="text"/> [Icon]
Target App. Finish: <input type="text"/> [Icon]	Target Rest. Finish: <input type="text"/> [Icon]
Scheduled App Start: <input type="text"/> [Icon]	Scheduled Rest Start: <input type="text"/> [Icon]
Scheduled App Finish: <input type="text"/> [Icon]	Scheduled Rest Finish: <input type="text"/> [Icon]
Actual App Start: <input type="text"/> [Icon]	Actual Rest Start: <input type="text"/> [Icon]
Actual App Finish: <input type="text"/> [Icon]	Actual Rest Finish: <input type="text"/> [Icon]
Application Duration: <input type="text"/>	Restoration Duration: <input type="text"/>
Schedule Code: <input type="text"/> [Icon]	Outage Code: <input type="text"/> [Icon]
Milestone Code: <input type="text"/> [Icon]	

Tags

Danger Tags:	<input type="text" value="0"/>
Grounding Tags:	<input type="text" value="0"/>
Test Tags:	<input type="text" value="0"/>
Caution Tags:	<input type="text" value="0"/>
No Tags:	<input type="text" value="0"/>
Total Tags:	<input type="text" value="0"/>

Clearance Tag Application

Clearances (Nuc) Bulletins: (1) Go To Reports Start Center Profile Sign Out Help IBM

Find: Select Action

List Clearance Related Records **Application** Restoration Sign On/Off Operational Impacts Log Specifications

Clearance: 1001 Site: BEDFORD Revision: 0
 Location: >> Unit: Active?
 Asset: >> Plant System: Status: DRAFT
 Type: WORKING

Tag Application 1 - 1 of 1

App Sequence #	Tag ID	Tagged Location	Tagged Asset	App Position	Tag Status	Tag Type	Boundary EG	Shared	Released	Pending IV
1	1001	BRK471	>> <input type="text"/>	OPEN	DRAFT	DANGER	>> <input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Details

Application Sequence #: 1
 Tag ID: 1001
 Tagged Location: BRK471 >> Circuit Breaker #471
 Tagged Asset: >>
 Application Position: OPEN
 Tag Status: DRAFT
 Tag Type: DANGER
 Boundary Equipment Group: >>

Tag Shared?
 Released?
 Location Site: BEDFORD
 Asset Site:
 Locality:
 Locality Notes:
 Application Notes:
 Independent Verification Required?
 Pending Independent Verification?

Responsibility

Applied By: Independent Verification By:
 Date: Date:
 Comment: Comment:

Select Work Orders to Associate

Select Work Order to Clearance 1001

Work Orders Filter 1 - 2 of 2

<input type="checkbox"/> Work Order	Description	Location	Asset	Status	Is Task	Parent WO	Blocked	Comment
<input type="checkbox"/> 5004	Feeder Jammed	BPM3100	13110	WAPPR	<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/> T1074	Task associated with feeder jam	BPM3100	13110	WAPPR	<input checked="" type="checkbox"/>	5004	<input type="checkbox"/>	

OK Cancel

Clearance Related Records

Clearances (Nuc) Bulletins: (1) [Go To](#) [Reports](#) [Start Center](#) [Profile](#) [Sign Out](#) [Help](#)

Find: Select Action

[List](#) [Clearance](#) [Related Records](#) [Application](#) [Restoration](#) [Sign On/Off](#) [Operational Impacts](#) [Log](#) [Specifications](#)

Clearance: Site:
 Location: Unit:
 Asset: Plant System:

Revision:
 Active?
 Status:
 Type:

Related Work Orders [Filter](#) 1 - 2 of 2 [Download](#)

Work Order	Description	Status	Appr Req for Addition	Appr Req for Removal	Pending Acceptance of CL Rev	Blocked	Released
5004	Feeder jammed	WAPPR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T1074	Task associated with feeder jam	WAPPR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

[Select Work Orders](#) [New Row](#)

Child Clearances [Filter](#) 0 - 0 of 0 [Download](#)

Clearance	Revision	Description	Location	Asset	Status	Type
...No rows to display...						

[Select Clearances](#) [New Row](#)

Related PMs [Filter](#) 0 - 0 of 0 [Download](#)

PM	PM Description	PM Status	Job Plan	Job Plan Description	Job Plan Status	Pending Rev?
...No rows to display...						

[Select PM](#)

Related Equipment Groups [Filter](#) 0 - 0 of 0 [Download](#)

Equipment Group	Description	Type	Equipment Group Modes	Status
...No rows to display...				

[Select Equipment Groups](#) [New Row](#)

Clearance Restoration

Clearances (Nuc) Bulletins: (1) Go To Reports Start Center Profile Sign Out Help

Find: Select Action [Icons]

List Clearance Related Records Application Restoration Sign On/Off Operational Impacts Log Specifications

Clearance: [Icon] Site: Revision:
 Location: » [Icon] Unit: [Icon] Active?
 Asset: » [Icon] Plant System: [Icon] Status:
 Restoration Condition: Startup Lineup Position: Type: [Icon]

Tag Restoration Filter 1 - 1 of 1 Download [Icon]

Rest Sequence #	Tag ID	Tagged Location	Tagged Asset	Rest Position	Tag Status	Tag Type	Boundary EG	Shared	Released	Pending IV
<input type="text"/>	1001	BRK471 » [Icon]	<input type="text"/> » [Icon]	CLOSED [Icon]	DRAFT	DANGER	<input type="text"/> » [Icon]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Details

Restoration Sequence #:
 Tag ID:
 Tagged Location: » [Icon]
 Tagged Asset: » [Icon]
 Restoration Position: [Icon]
 Tag Status:
 Tag Type: [Icon]
 Boundary Equipment Group: » [Icon]
 Clearance Where Restored: [Icon]


Tag Shared?
 Released?
 Location Site:
 Asset Site:
 Locality:
 Locality Notes: [Icon]
 Restoration Notes: [Icon]
 Independent Verification Required?
 Pending Independent Verification?







Responsibility

Restored By:
 Date:
 Comment: [Icon]



Independent Verification By:
 Date:
 Comment: [Icon]



Clearance Operational Impacts



Clearances (Nuc) Bulletins: (1) [Go To](#) [Reports](#) [Start Center](#) [Profile](#) [Sign Out](#) [Help](#) 


Find: Select Action      


[List](#) [Clearance](#) [Related Records](#) [Application](#) [Restoration](#) [Sign On/Off](#) **[Operational Impacts](#)** [Log](#) [Specifications](#)

Clearance: 
 Site: 
 Revision:

Location: 
 Unit: 
 Active?


Asset: 
 Plant System: 
 Status:

Type: 


Tech Spec Applicability 

Tech Specs Applicable?

Tech Specs Comments:

Technical Specifications [Filter](#) 0 - 0 of 0 [Download](#) 

Tech Spec	Description	Type	Unit	Applicability
...No rows to display...				

Unavailability Components [Filter](#) 0 - 0 of 0 [Download](#) 

Location	Description	Asset	Description	Unit	PRA
...No rows to display...					

Clearances Log Tab

Clearances (Nuc) Bulletins: (1) Go To Reports Start Center Profile Sign Out Help IBM

Find: Select Action

List Clearance Related Records Application Restoration Sign On/Off Operational Impacts **Log** Specifications

Clearance: Site: Revision:
Location: Unit: Active?
Asset: Plant System: Status:
Type:

Clearance Log Communication Log

Clearance Logs Filter 1 - 1 of 1 Download

Clearance	Created By	Created Date	Log type	Summary
1001	MAXADMIN	10/18/11 10:36 AM	NOTE	

Details

Clearance:
Created By:
Created Date:
Log type:

Summary:

Font: Size: Format:

Details:

New Row

Clearance Specifications

Clearances (Nuc) Bulletins: (1) [Go To](#) [Reports](#) [Start Center](#) [Profile](#) [Sign Out](#) [Help](#)

Find: Select Action

[List](#) [Clearance](#) [Related Records](#) [Application](#) [Restoration](#) [Sign On/Off](#) [Operational Impacts](#) [Log](#) [Specifications](#)

Clearance:
 Location:
 Asset:
 Classification:
 Class Description:

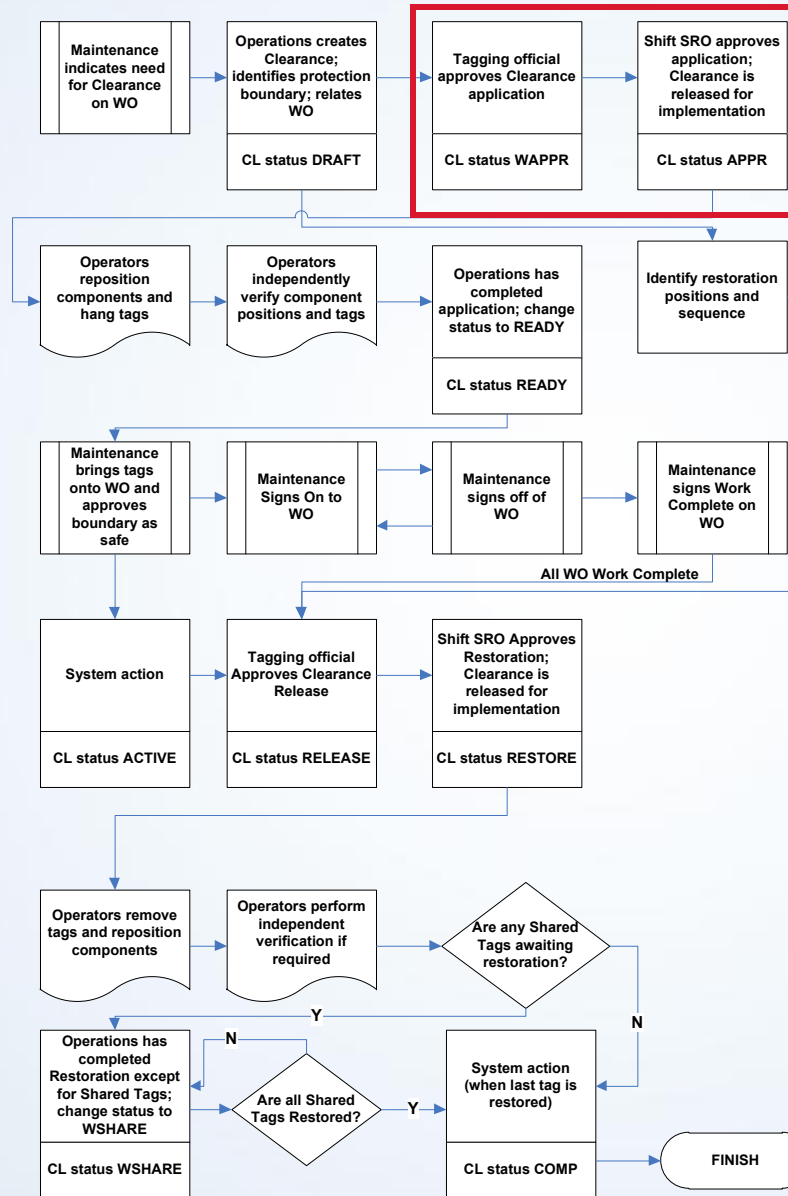
Site:
 Unit:
 Plant System:

Revision:
 Active?
 Status:
 Type:

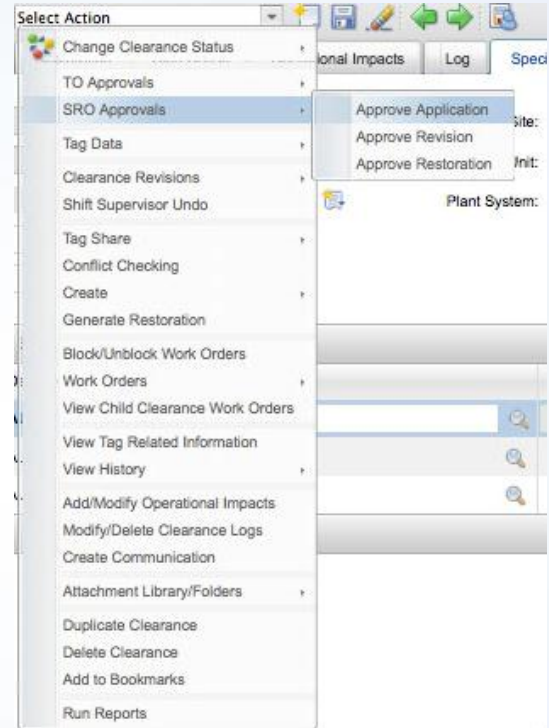
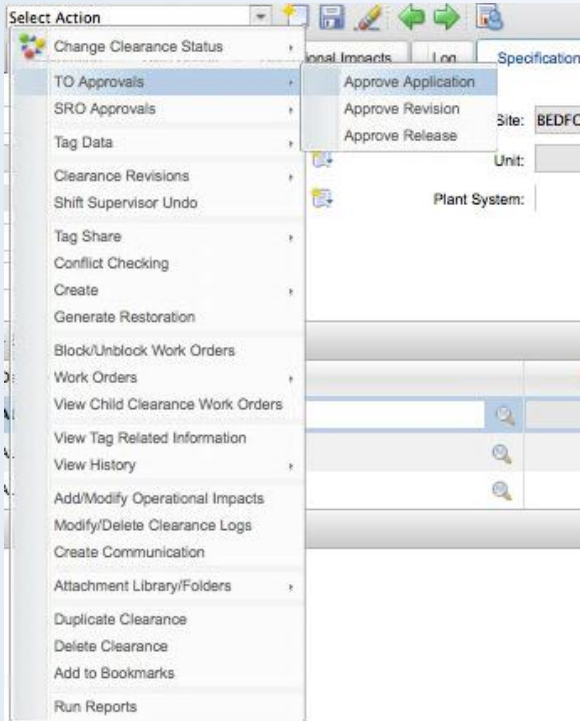
Specifications [Filter](#) 1 - 3 of 3 [Doc](#)

Attribute	Description	Data Type	<u>Alphanumeric Value</u>	<u>Numeric Value</u>	<u>Unit of Measure</u>	<u>Table Value</u>
▶ RAQ1	Risk Assessment Question 1	ALN	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
▶ RAQ2	Risk Assessment Question 2	ALN	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
▶ RAQ3	Risk Assessment Question 3	ALN	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Clearance Lifecycle



Clearance Approvals



Change Status

Clearance: 1003

Clearance Status: DRAFT

Status: **Waiting for App**

Date: 10/19/11 12:07 PM

Memo:

OK Cancel

Change Status

Clearance: 1003

Clearance Status: WAPPR

Status: **Approved**

Date: 10/19/11 12:09 PM

Memo:

OK Cancel

Clearance Approval History

View Clearance History

Status History Filter 1 - 5 of 5 Download

Status	Changed Date	Changed By	Memo
DRAFT	10/19/11 12:06 PM	MAXADMIN	
DRAFT	10/19/11 12:07 PM	MAXADMIN	
WAPPR	10/19/11 12:09 PM	MAXADMIN	
APPR	10/19/11 12:10 PM	MAXADMIN	
WAPPR	10/19/11 12:07 PM	MAXADMIN	



Operational Impacts Review Filter 0 - 0 of 0 Download

Supervisor	Date Changed	Memo
...No rows to display...		

Cancel


Application Approved

Tagging Official Authorization: Shift SRO Authorization:

Date:  Date: 

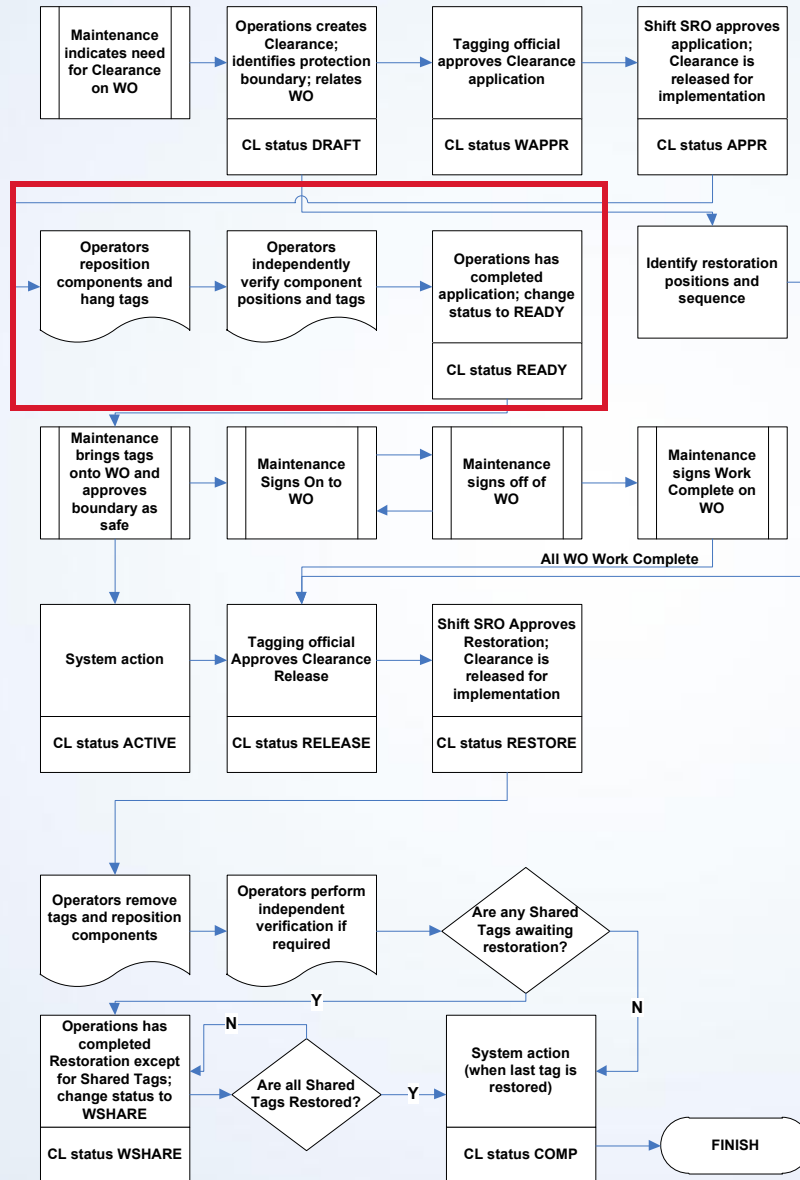
Restoration Approved

Tagging Official Authorization:

Date:  Shift SRO Authorization:

Date: 

Clearance Lifecycle



Clearances Kiosk Application

–Provide easy access to all tags needing operator positioning or verification in the plant in a simple, dedicated app (Also suitable for implementing on a mobile device)

Clearances Kiosk (Nuc)

Bulletins: (0) Go To List Reports Start Center Profile Sign Out Help

Select Action

User ID * wilson Password * Show Records Clear User

List Tag Data

Clearance 1005 Pos conflict test Site BEDFORD Active?
Location Unit Revision 1
Asset Plant System Status APPR
Type ADMIN

Apply Tags Verify Applied Tags Restore Tags Verify Restored Tags

To add or remove applier details for a tag, select or clear the check box for the relevant table row. For accountability, when you remove applier details, your user name is entered in the Comment field. [More information](#)

App Sequence #	Tag ID	Location	Asset	App Position	Tag Status	Applied By	IV By
<input type="checkbox"/>						~NULL~	
<input type="checkbox"/>	1008	TESTL14		OPEN	DRAFT		
<input type="checkbox"/>	1007	TESTL12		CLOSED	DRAFT		

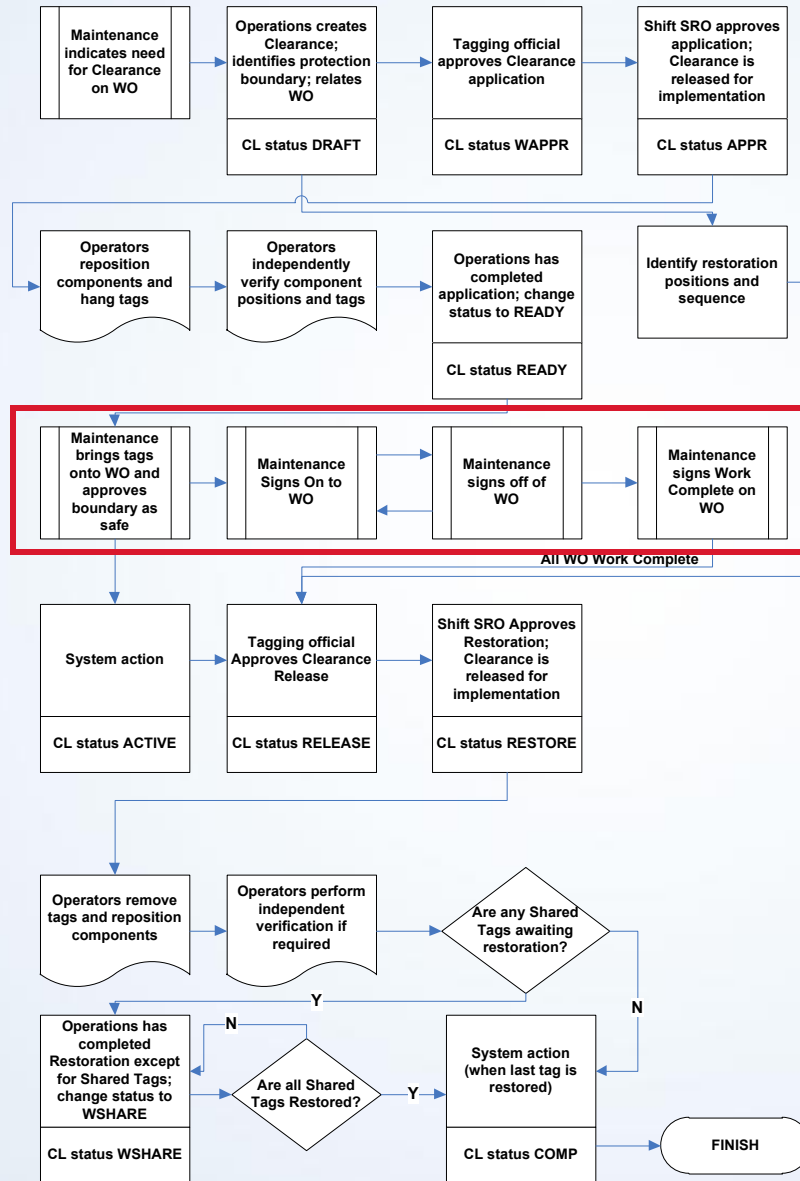
Default Data for Remaining Tags

You can apply the default data to the tags on display that do not have applier details.

Applied By WILSON
Date 11/13/10 12:49 PM
Comment

Apply Default Data

Clearance Lifecycle



Craft Approval from Work Order

Craft Approval

Clearance: 1001 Revision: 0

Clearance Tags Filter 1 - 1 of 1 Download

Tag ID	Tagged Location	Tagged Asset	App Position	Tag Status	Tag Type	Selected
1001	BRK471		OPEN	APPLIED	DANGER	<input checked="" type="checkbox"/>

Details

Tag ID: 1001 Selected?

Tagged Location: BRK471 Circuit Breaker #471 Location Site: BEDFORD

Tagged Asset: Asset Site:

App Position: OPEN Locality:

Tag Status: APPLIED Location Notes:

Tag Type: DANGER Application Notes:

Responsibility

Selected By: Comment:

Selected Date:

Craft Approval Filter 1 - 1 of 1 Download

Craft Approver	Craft Approved Date	Comment
MAXADMIN	10/18/11 11:05 AM	

Details

Craft Approver: MAXADMIN Comments:

Craft Approved Date: 10/18/11 11:05 AM

New Row

OK Cancel

Sign On from Work Order

Work Order Tracking (Nuc) Bulletins: (1) [Go To](#) [Reports](#) [Start Center](#) [Profile](#) [Sign Out](#) [Help](#)

Find: Select Action

List | **Work Order** | Plans | Clearance | Assignments | Related Records | Actuals | Safety Plan | Impact Plans | Log | Data Sheet | Failure Reporting | Program Data | Specifications

Work Order: Site: Status:
 Parent WO: >> Unit: Plant System:
 Selected Clearance: >>
 Clearance Revision:

Clearances Filter > 1 - 1 of 1 [Download](#)

Clearance	Revision	Description	Status	Pending Craft Approval	Pending Acceptance of CL Rev	Blocked	Released
1001	0		ACTIVE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Details

Clearance: Pending Craft Approval? Blocked?
 Revision: Pending Acceptance of Clearance Revision? Released?
 Status:

Associated Tags Filter > 1 - 1 of 1 [Download](#)

Tag ID	Tagged Location	Tagged Asset	App Position	Tag Status	Tag Type
1001	BRK471 >>	<input type="text"/> >>	OPEN	APPLIED	DANGER

Clearance Sign On/Off Filter > 1 - 1 of 1 [Download](#)


Sign On/Off	Date	Signed On	Signed Off	Work Complete
MAXADMIN	10/18/11 11:08 AM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Details

Sign On/Off: Signed On? Work Complete?
 Date: Signed Off?
 Comments:


[New Row](#)

Clearance Sign On/Off from Kiosk

Sign On/Off (Nuc) Bulletins: (1) [Go To](#) [Reports](#) [Start Center](#) [Profile](#) [Sign Out](#) [Help](#) 







Select Action  

* User Name: * Password: [Show Sign OnOff Records](#) [Clear User](#)


Sign Ons for MAXADMIN [Download](#) 

Work Order	WO Location	WO Asset	Clearance	CL Location	CL Asset	Blocked	Signed On	Signed Off	Work Complete
6011			1003			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Details

Work Order: <input type="text" value="6011"/>	<input type="text"/>		Clearance: <input type="text" value="1003"/>	<input type="text"/>	
WO Location: <input type="text"/>	<input type="text"/>		CL Location: <input type="text"/>	<input type="text"/>	
WO Asset: <input type="text"/>	<input type="text"/>		CL Asset: <input type="text"/>	<input type="text"/>	
WO Status: <input type="text"/>			CL Status: <input type="text" value="ACTIVE"/>		
WO Site: <input type="text"/>			CL Site: <input type="text" value="BEDFORD"/>		
WO Supervisor: <input type="text"/>			Blocked? <input type="checkbox"/>		

Responsibility

Sign On/Off: <input type="text" value="MAXADMIN"/>	Signed On? <input type="checkbox"/>	Work Complete? <input checked="" type="checkbox"/>
Modified Date: <input type="text" value="10/19/11 12:17 PM"/>	Signed Off? <input checked="" type="checkbox"/>	
Comments: <input type="text"/>		

Clearance Work Order Release

The screenshot displays a software interface for managing work orders. A central menu titled 'Change Status' is open, listing various actions. The 'Release Work Order from Clearance' option is highlighted. The background interface shows the 'Clearance' tab for Work Order 6011, with a selected clearance of 1003 and revision 0. Below the menu, there are sections for 'Clearances', 'Associated Tags', and 'Clearance Sign On/Off'.

Clearance	Revision	Description
1003	0	

Tag ID	Tagged Location
1005	BRK471

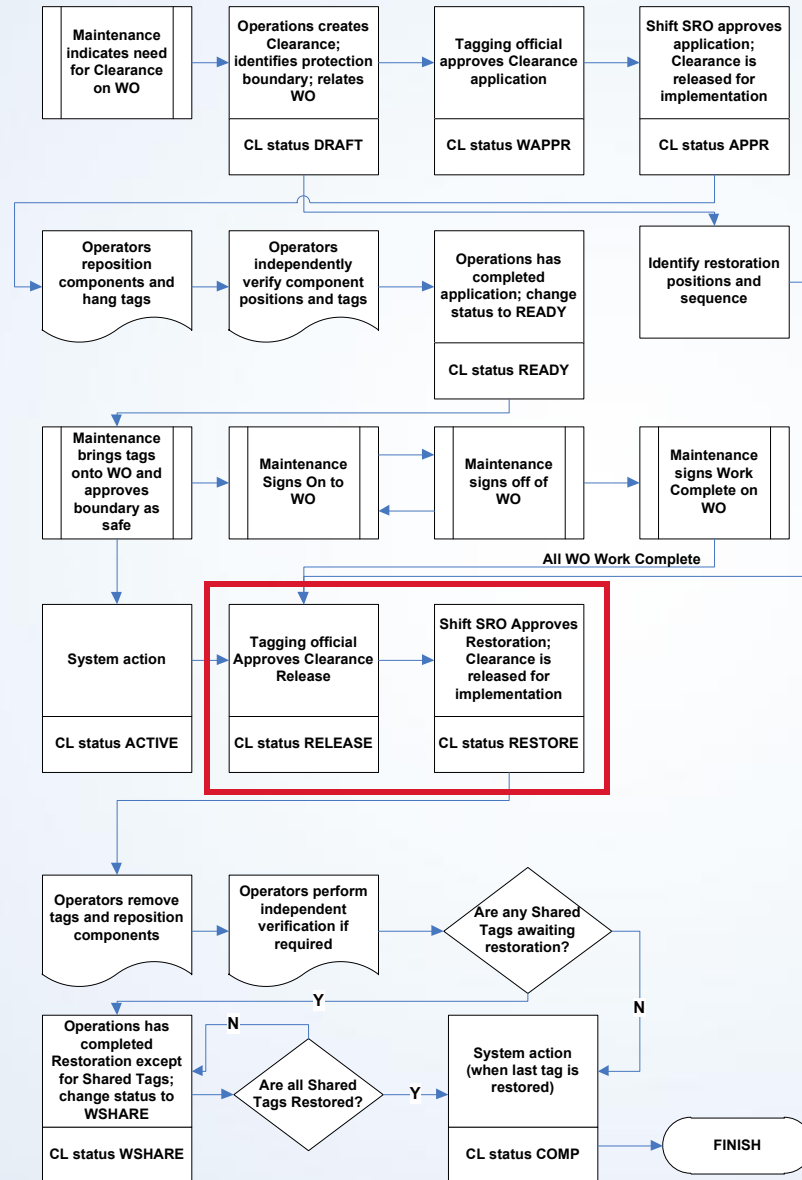
Sign On/Off	Date
MAXADMIN	10/19/11 12:20 PM

Work Order Release from Clearance

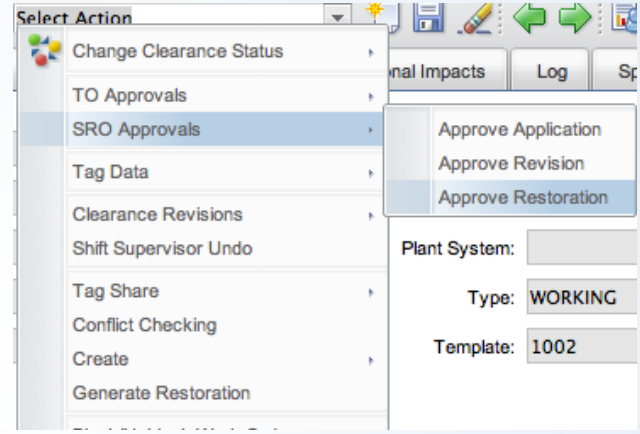
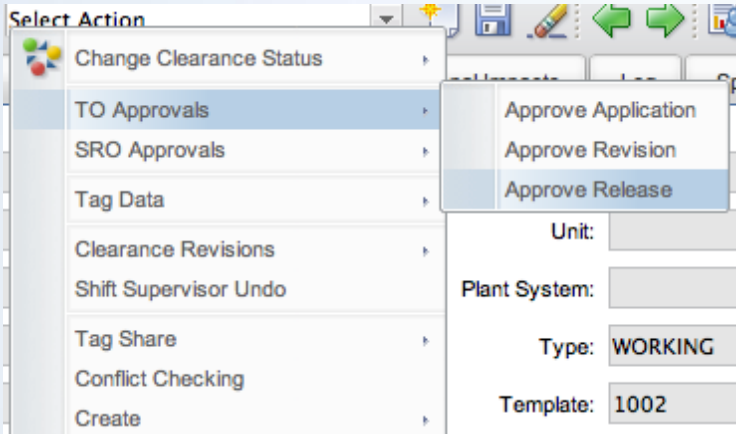
Release Work Order from Clearance?

OK **Cancel**

Clearance Lifecycle



Clearance Approval for Restoration



Change Status

Clearance: 1003

Clearance Status: ACTIVE

Status: Approved for Ri

Date: 10/19/11 12:30 PM

Memo:

OK Cancel

Change Status

Clearance: 1003

Clearance Status: RELEASE

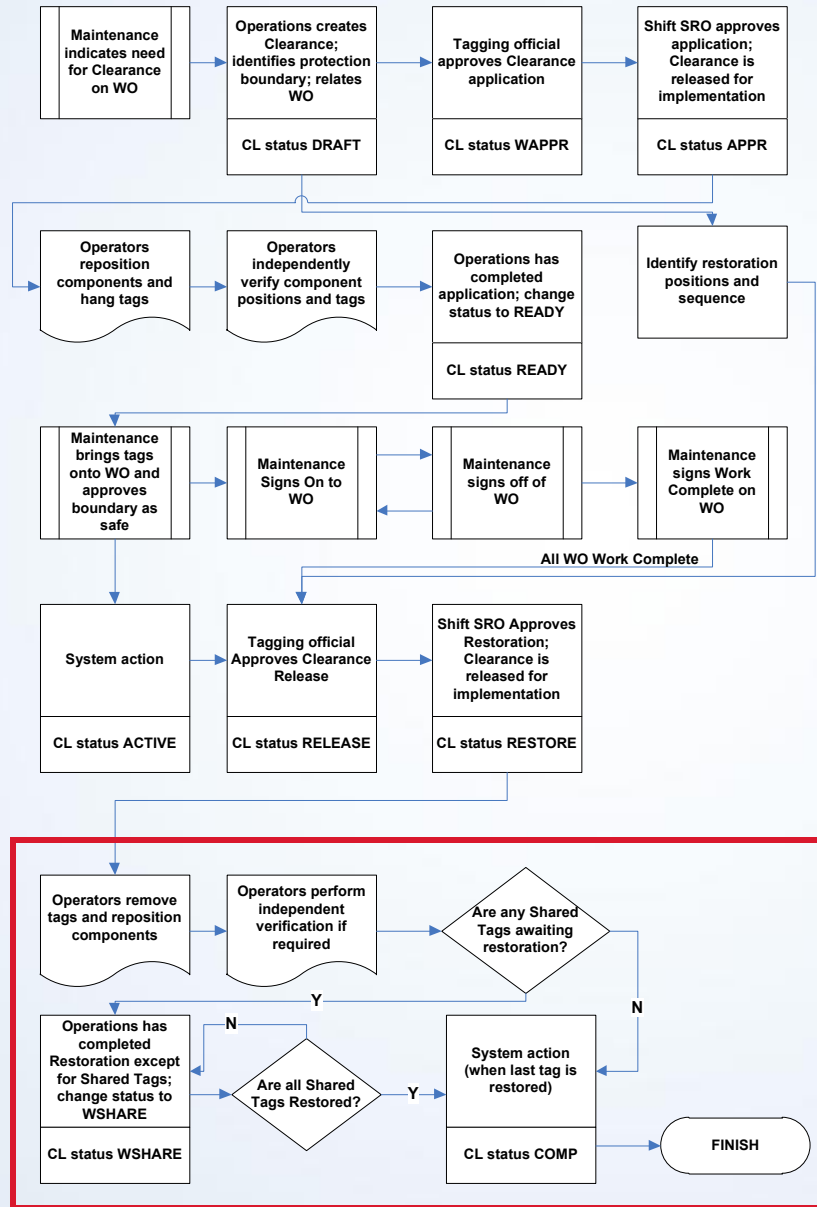
Status: Approved for Ri

Date: 10/19/11 12:31 PM

Memo:

OK Cancel

Clearance Lifecycle



Tag Removal and Restoration

Clearance | Related Records | Application | Restoration | Sign On/Off | Operational Impacts | Log | Specifications

Clearance: 1003 Site: BEDFORD Status: RESTORE
Location: Unit: Status Date: 10/19/11 12:31 PM
Asset: Plant System: Tag Share Run?

ment Group: Parent: Revision: Under Rev?

onsibility

Created E Created Da Changed E Changed Da

cluding Information

Target App. Start: Target App. Finish: Scheduled App Start: Scheduled Rest Start: Test Tags: 0

Restore Tags

To add or remove restorer details for a tag, select or clear the check box for the relevant table row. For accountability, when you remove restorer details, your user name is entered in the Comment field.

Tags Filter 1 - 1 of 1 Download

<input checked="" type="checkbox"/>	Rest Sequence #	Tag ID	Tagged Location	Tagged Asset	Rest Position	Tag Status	Restored By	IV By
<input type="checkbox"/>							~NULL~	
<input checked="" type="checkbox"/>	1	1005	BRK471		CLOSED	PENDING	MAXADMIN	

Default Data for Remaining Tags


You can apply the default data to tags on display that do not have restorer details.

Restored By: MAXADMIN
Date: 10/19/11 12:37 PM
Comment:

Apply Default Data

OK Cancel

Corrective Actions Enhancements

Clearances (Nuc) Bulletins: (1) [Go To](#) [Reports](#) [Start Center](#) [Profile](#) [Sign Out](#) [Help](#) 

Find:

[List](#) [Clearance](#) [Related Records](#) [Application](#) [Restoration](#) [Sign On/Off](#) [Operational Impacts](#) [Log](#) [Specifications](#)

Clearance: <input type="text" value="1003"/>	<input type="button" value="Clear"/>	Site: <input type="text" value="BEDFORD"/>	Status: <input type="text" value="COMP"/>
Location: <input type="text"/>	<input type="button" value="Clear"/>	Unit: <input type="text"/>	Status Date: <input type="text" value="10/19/11 12:40 PM"/>
Asset: <input type="text"/>	<input type="button" value="Clear"/>	Plant System: <input type="text"/>	<input type="button" value="Tag Share Run?"/>
Equipment Group: <input type="text"/>	<input type="button" value="Clear"/>	Type: <input type="text" value="WORKING"/>	Tag Share Date: <input type="text"/>
Parent: <input type="text"/>	<input type="button" value="Clear"/>	Template: <input type="text" value="1002"/>	Attachments: <input type="button" value="Add"/>
Revision: <input type="text"/>			Classification: <input type="text" value="RISK ASSESSMENT"/>
Parent Under Rev? <input type="checkbox"/>			Class Description: <input type="text" value="Risk Assessment Questions"/>

Responsibility

Created By:

Created Date:

Changed By:

Changed Date:

Revision Information

Revision: Active?

Revised By:

Revision Date:

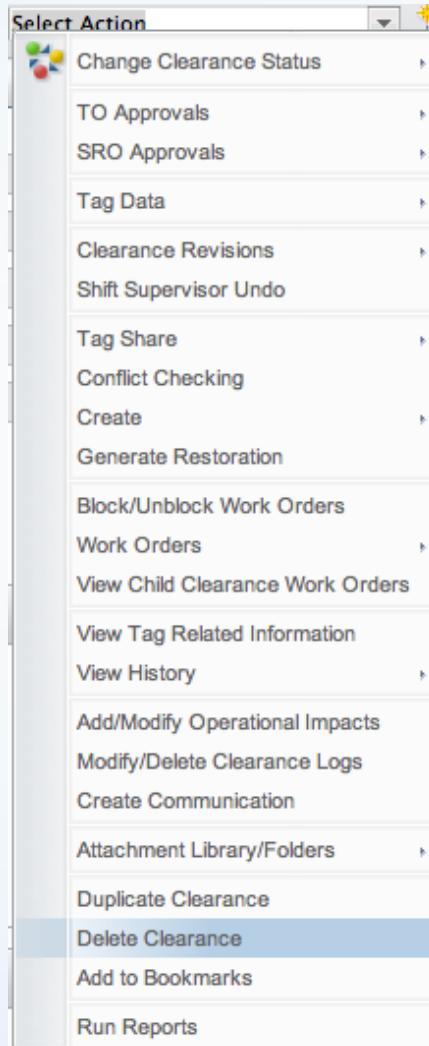
Comments:

Issued By:


Issue Date:


Comments:

Clearance Select Action Options






Clearance Identification from PM



Preventive Maintenance (Nuc) Bulletins: (1) [Go To](#) [Reports](#) [Start Center](#) [Profile](#) [Sign Out](#) [Help](#) 



Find: Select Action 



[List](#) [PM](#) [Frequency](#) [Seasonal Dates](#) [Job Plan Sequence](#) [PM Hierarchy](#) [Surveillance](#) [References](#) [Forecast](#)

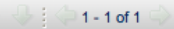

PM: 
 Site:
 Status:
 Part of PM Sequence?






Unit: 
 Plant System: 
 Forecast Exists?

Location: 
 Storeroom: 




Asset: 
 Storeroom Site: 


Job Plan: 
 


Job Plan Sequence: [Filter](#)  1 - 1 of 1 [Download](#) 

Job Plan	Description	Sequence	Frequency	Clearance	Clearance Description	Impact Plan
<input type="text" value="JPCAL101"/> 	<input type="text" value="JP Calibration 1101"/> 	1	90 	<input type="text" value="1002"/> 	<input type="text"/>	<input type="text"/> 

Details

Job Plan: 
 
 Sequence:
 Frequency: 

Clearance: 
 Clearance Required?
 Frequency Units:

Impact Plan: 
 Impact Plan Required?
 Impact Plan Manually Selected?

Clearance PM Generation Options

Select Action

- Change Status
- View Sequence
- Generate Work Orders
- Set PM Counter
- Set Reading At Last WO
- Override Extend Date
- Generate Forecast
- Delete Forecast
- Clear Pending Reforecast
- Lock Forecast Dates
- Unlock Forecast Dates
- Clearance Generation Options**
- Scope Unlock
- Modify Work Order Due Dates
- Modify PM Regulatory Dates
- View/Modify PM Sequence Dates
- View PM Date History
- View Work Order History
- Attachment Library/Folders
- Duplicate PM
- Delete PM
- Add to Bookmarks
- View Related Commitments
- Run Reports

Clearance Generation Options

? Specify whether you want to generate working clearances for the work orders that are generated from this PM record. Use match criteria if you want to group related work orders and associate them with the same working clearance. Apply common match criteria across multiple PM records to ensure that related work orders from different PM records are grouped and associated with the same working clearance. [More information](#)

Do not generate working clearances
 Generate separate working clearances for work orders that are generated from this PM record
 Use match criteria to associate generated work orders with working clearances

Match Criteria

? Specify the criteria for matching work orders with clearances during the process of work order generation. Provided that match criteria are valid, the system attempts to find a matching working clearance for each work order. A new working clearance is generated for a work order only if no matching clearance is found.

Same equipment group?

Same schedule code?

Same milestone code?

Same outage code?

Maximum lead time in days between work order due dates:

Maximum lag time in days between work order due dates:

Additional Match Criteria

Test and Validation

? Test the current PM record to validate lead and lag settings, and to check whether template clearances satisfy match criteria. Non-matching template clearances do not prohibit work order generation. However, only job plan sequence entries that have matching template clearances support the association of work orders with clearances during work order generation.



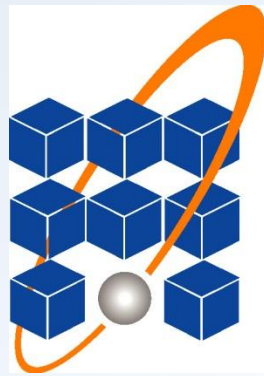
Questions ?

Webinar Schedule

Oct 21: *Clearances*

Nov 18: *Corrective Action*

Dec 16: *Configuration Management*



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