

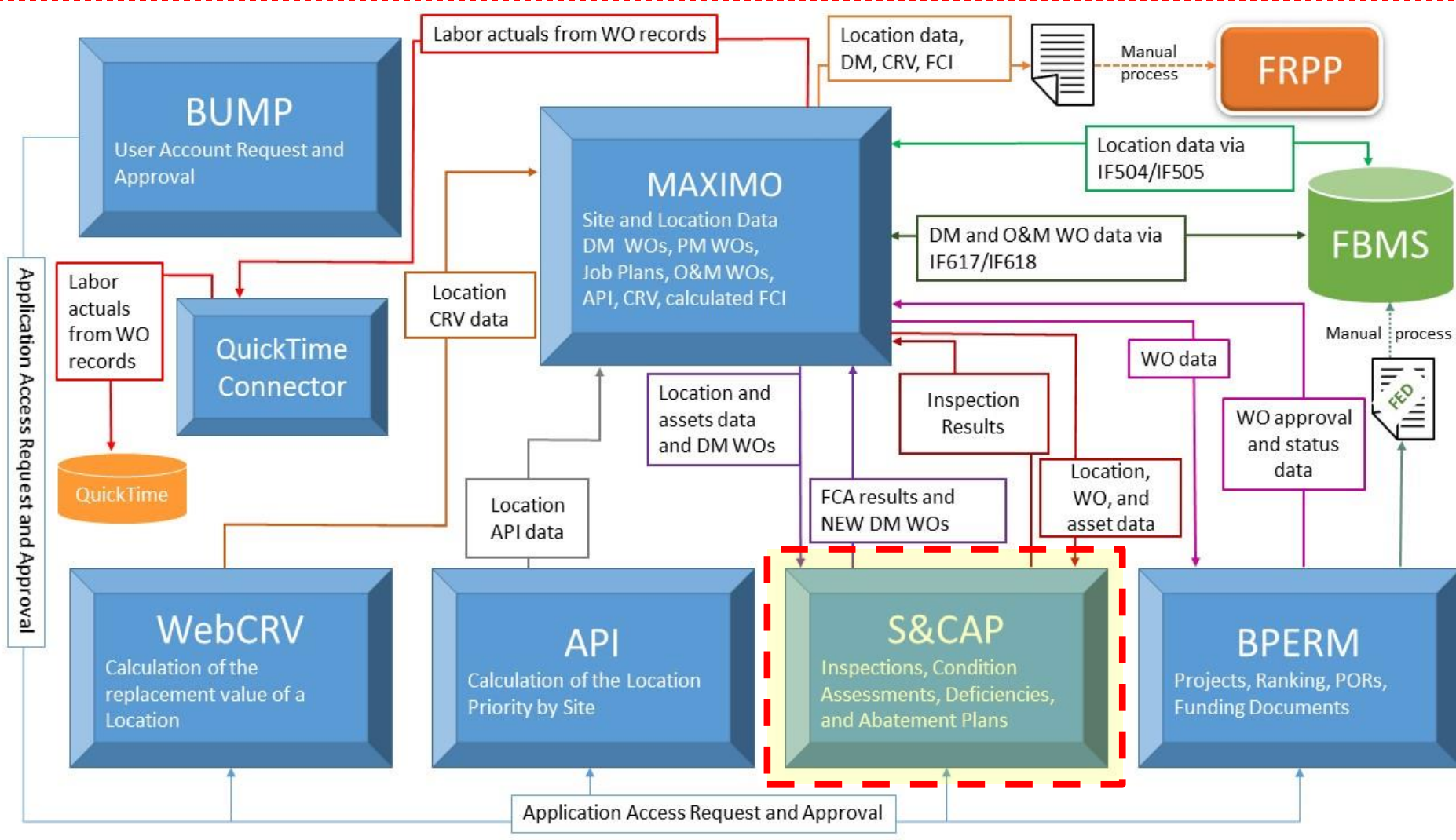
Indian Affairs, Division of Facilities
Management and Construction

Indian Affairs-Facility Management System (IA-FMS) Training

**S&CAP Boiler Inspection Data Entry
Webinar**

7/14/2016

IA-FMS Overview



Lesson

S&CAP

Boiler Inspection Data Entry

Lesson goals

- This lesson will cover the following specifics within IA-FMS (S&CAP):
 - Setting up a Boiler Inspection
 - S&CAP Inspection Navigation
 - Working with Existing Deficiencies
 - Adding New Deficiencies
 - Validating Locations and Boiler Assets
 - Submitting a Boiler Inspection
 - Cost Estimating and Sending Deficiencies to Maximo
 - Sending Boiler Asset data to Maximo

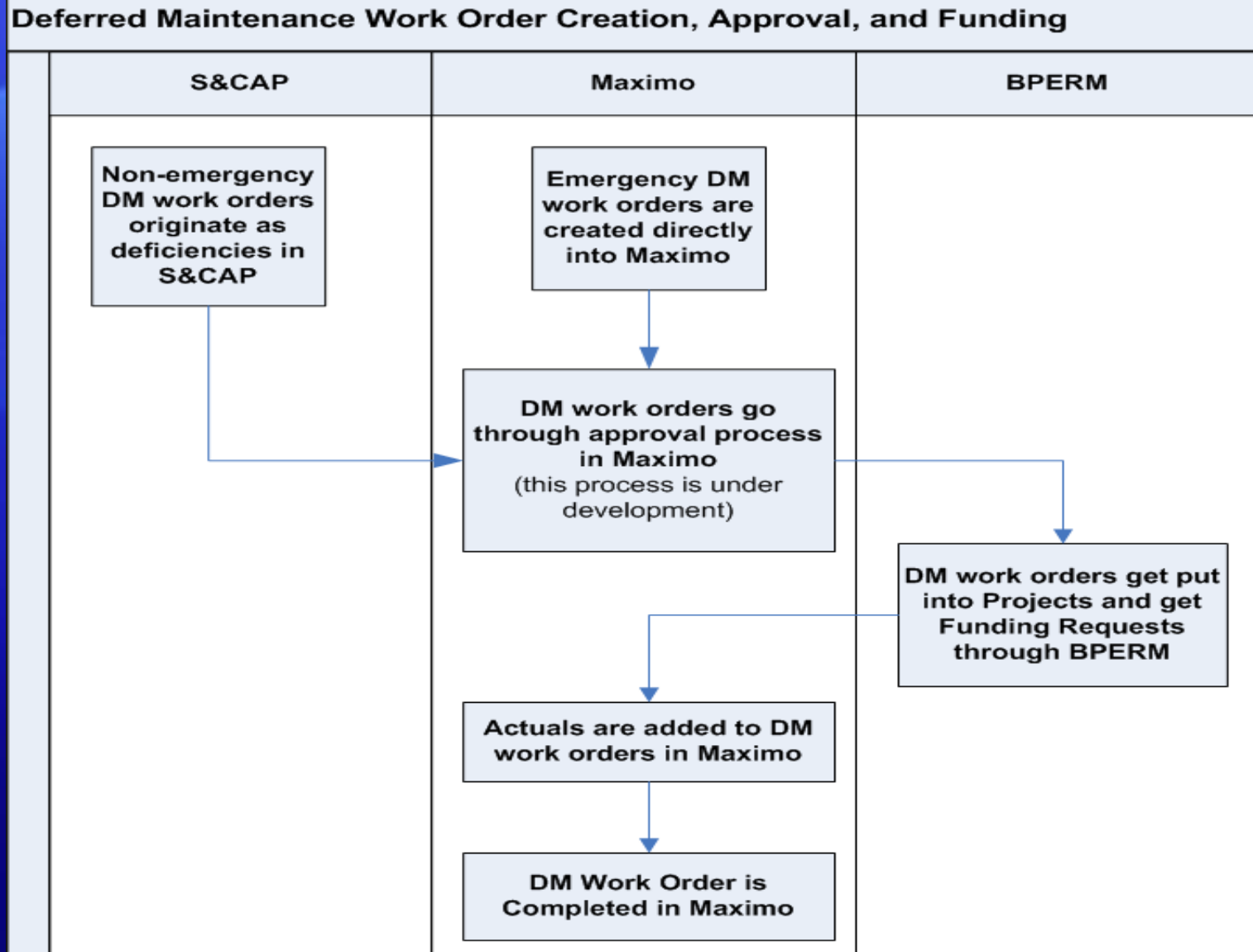
Safety & Other Inspections

- S&CAP stands for Safety & Condition Assessment Portal
- Safety & Other refers to non CA inspections in S&CAP
- Safety & Other Inspection Types:
 - Safety Inspections
 - S (Safety & Health)
 - J (Detention Center Safety and Health)
 - A (Additional Regional Health and Safety)
 - H (Indian Health Services)

Safety & Other Inspections

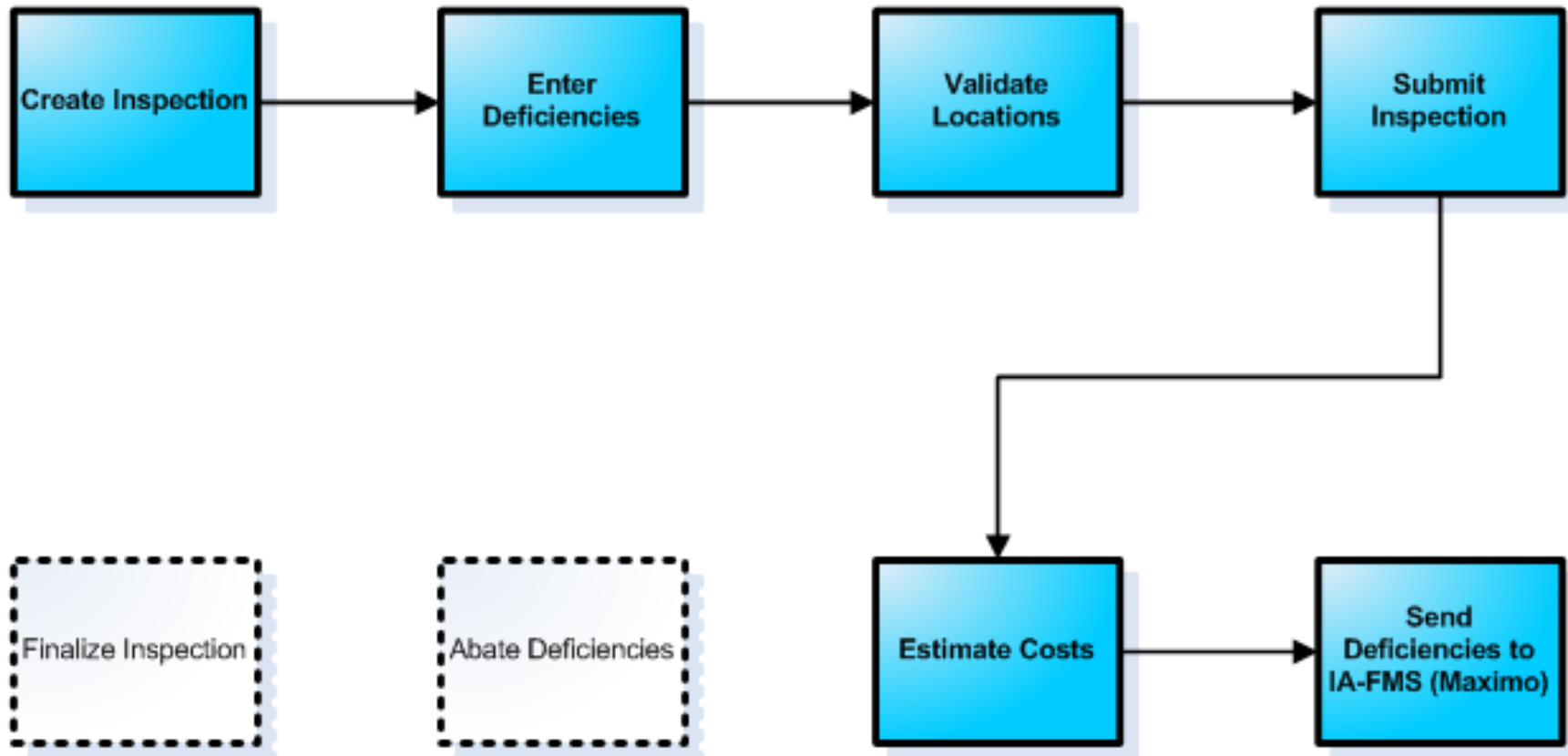
- Safety & Other Inspection Types:
 - Other Inspections
 - B (Boiler, Pressure Vessels)
 - F (Fire Department)
 - G (General Facilities)

IA-FMS DM Overall Process

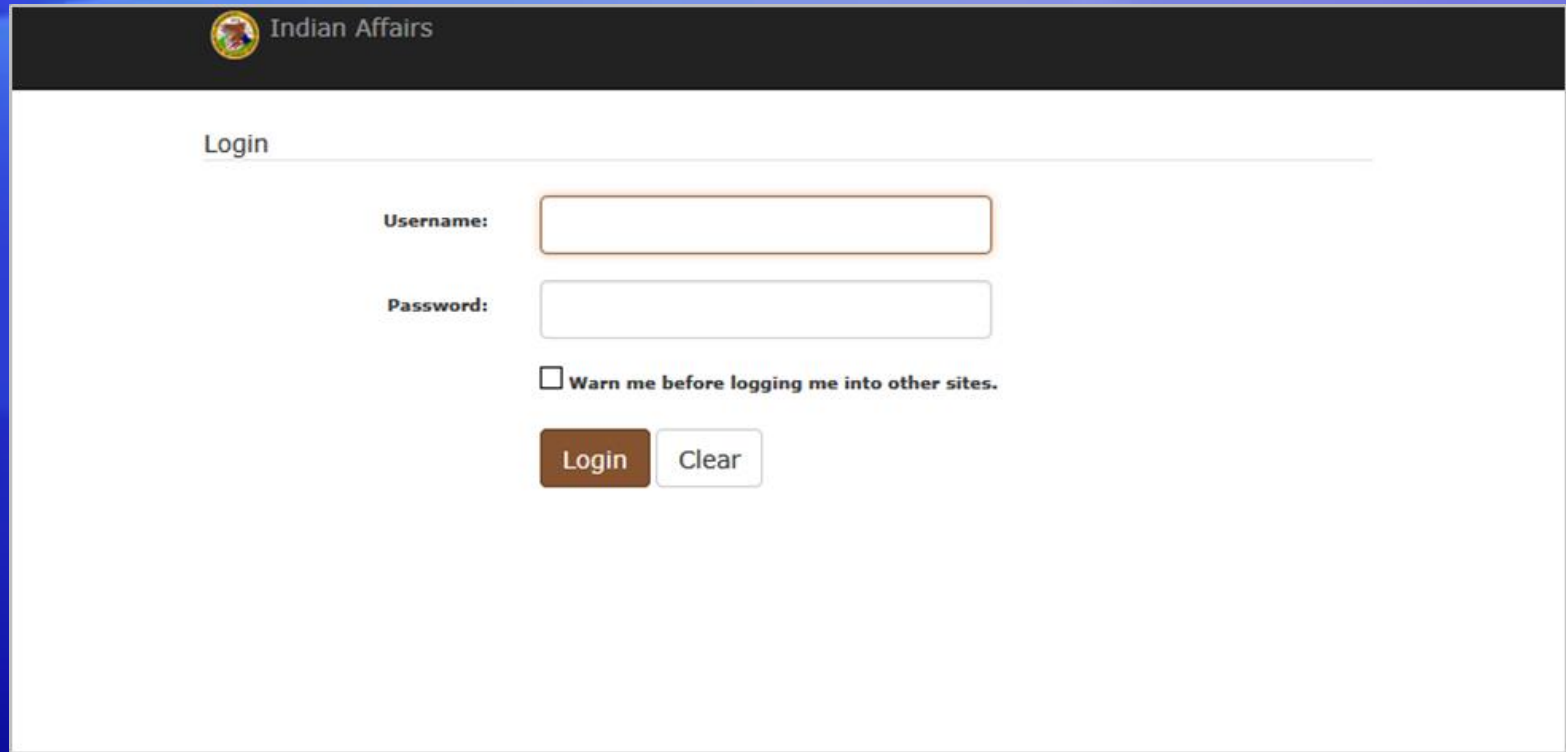


S&CAP Process Overview

S&CAP Other Inspection Process Overview



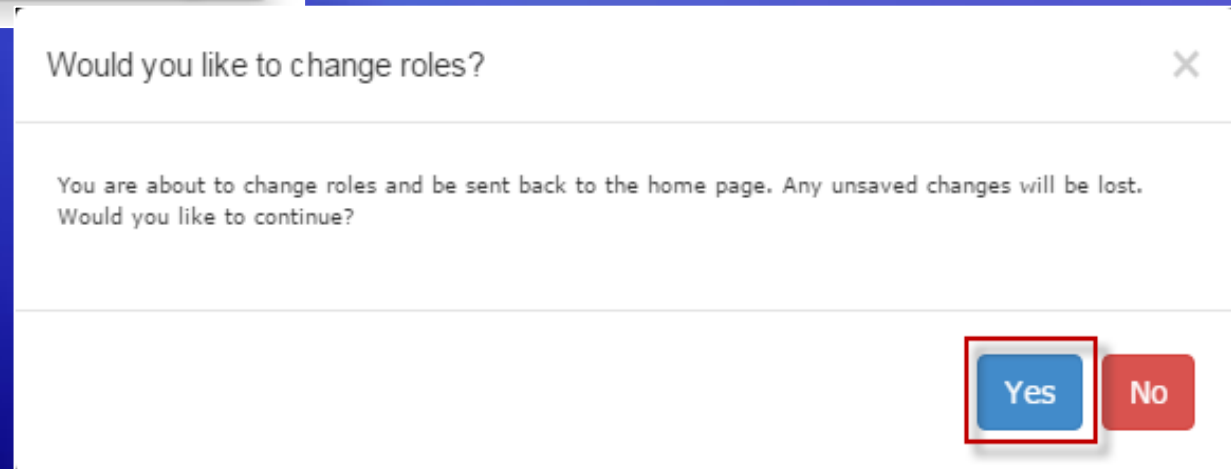
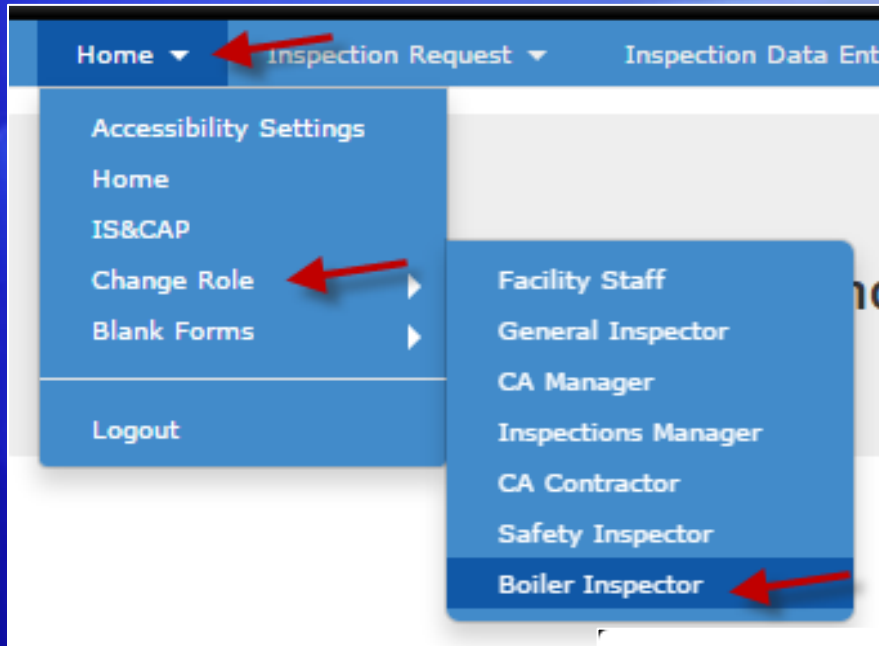
Logging into S&CAP



The screenshot shows a web browser window with a black header bar containing the Indian Affairs logo and the text "Indian Affairs". Below the header, the word "Login" is displayed. The login form consists of two input fields: "Username:" and "Password:". Below the password field is a checkbox labeled "Warn me before logging me into other sites." At the bottom of the form are two buttons: "Login" and "Clear".

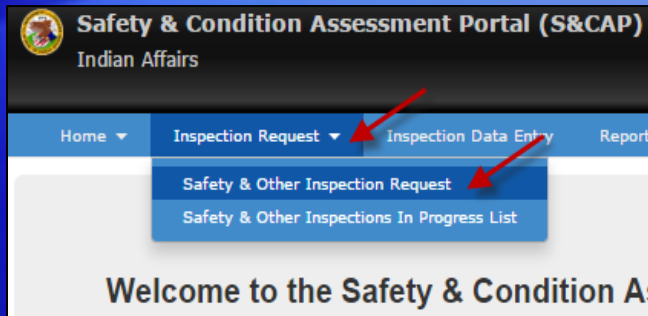
<https://iiamabqz0max03p.ia.doi.net/scap>

Changing User Roles



Creating an Inspection Request

- Go to Inspection Request > Safety & Other Inspection Request



New Inspection Request

Inspection Type: **Inspector(s):**

Fiscal Year:

Region:

Sites:

FMIS Location #:

Location Description:

Select All

Locations:

Include in Inspection	FMIS Location ID	Site Description	Maximo ID	Location Description	Classification	Structure #	Room #	IA Status	Remote?

Previous 25 Locations Next 25 Locations

Save Inspection Cancel

Creating an Inspection Request

New Inspection Request

Inspection Type: * B (Boiler, Pressure Vessels)

Inspector(s): * Inspector,Boiler

Fiscal Year: * 2016

Region: * NAVAJO

Sites: * CHINLE AGENCY (IA004)

FMIS Location #:

Location Description: * Office * Dormitory, School
Select All

Locations:

Showing 1 - 8 of 8

Include in Inspection	FMIS Location ID	Site	Site Description	Maximo ID	Location Description	Location Type	Classification	Structure #	Room #	IA Status	Remote?
<input checked="" type="checkbox"/>	N35-01	IA004	CHINLE AGENCY	AB107723	Dormitory, School	1100	Building / Dormitory / School	163		Inter-Location Transferred	N
<input type="checkbox"/>	N35-01	IA004	CHINLE AGENCY	AB104252	Office	1100	Building / Office	8		Proposed Demolish	N
<input type="checkbox"/>	N35-01	IA004	CHINLE AGENCY	AB104266	Office	1100	Building / Office	22		Proposed Demolish	N
<input checked="" type="checkbox"/>	N35-01	IA004	CHINLE AGENCY	AB104292	Office	1100	Building / Office	59		Occupied by Others	N
<input type="checkbox"/>	N35-01	IA004	CHINLE AGENCY	AB104294	Office	1100	Building / Office	62		Proposed Demolish	N
<input type="checkbox"/>	N35-01	IA004	CHINLE AGENCY	AB104311	Office	1100	Building / Office	201		Not in Use	N
<input checked="" type="checkbox"/>	N35-01	IA004	CHINLE AGENCY	AB104315	Office	1100	Building / Office	179154		Occupied	N
<input checked="" type="checkbox"/>	N35-01	IA004	CHINLE AGENCY	AB107744	Office	1100	Building / Office	136C		Occupied	N

Locations that are unchecked will not be included in the inspection

Previous 25 Locations Next 25 Locations

Save Inspection Cancel

Creating an Inspection Request

Inspection Request B-2016-608

Inspection Type: Boiler, Pressure Vessels

Fiscal Year: 2016

Inspection Number: B-2016-608

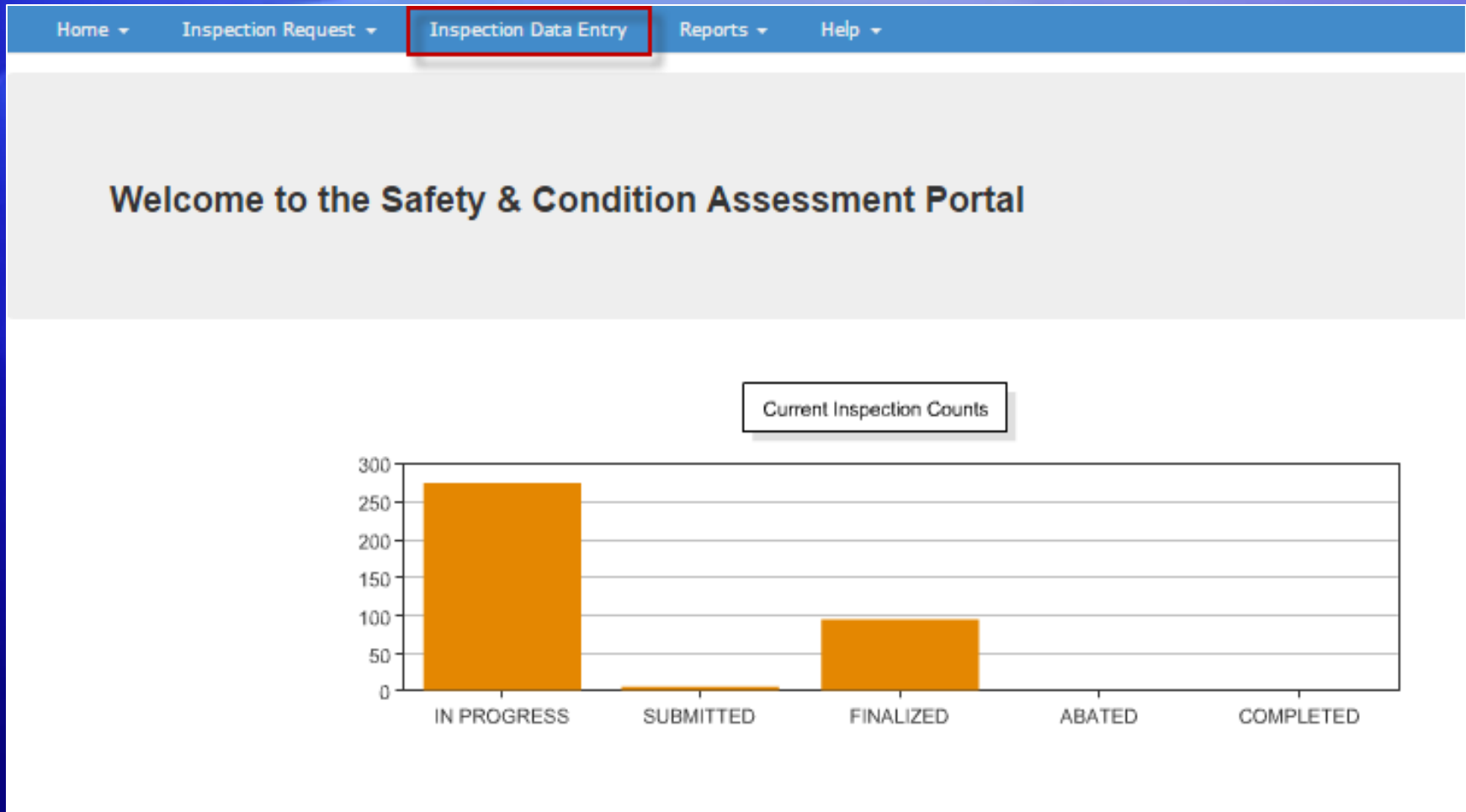
Agency: Chinle Agency

Inspection Creation Date: 04/22/2016

Inspection Status Type: IN PROGRESS

Division: NAVATO

Inspection List



Inspection List

Please select an inspection from the list below

CURRENT FILTERS ▶ Inspection Status: **IN PROGRESS, SUBMITTED**

◀ Previous Next ▶ 1 - 3 of 3 results (page 1 / 1)

Region	Agency	Inspection Number	Inspection Type	FMIS Location #	Site Number	Site Description	Fiscal Year ▲ 1	Inspection Status
								✓ 2
NAVAJO	Chinle Agency	B-2016-608	Boiler, Pressure Vessels	N35-01	IA004	CHINLE AGENCY	2016	IN PROGRESS
GREAT PLAINS	Lower Brule Agency	B-2016-609	Boiler, Pressure Vessels	A15-01	IA026	LOWER BRULE AGENCY	2016	IN PROGRESS
ROCKY MOUNTAIN	Blackfeet Agency	B-2016-610	Boiler, Pressure Vessels	C51-01	IA001	BLACKFEET AGENCY	2016	IN PROGRESS

◀ Previous Next ▶

Inspection Detail

Working with Inspection B-2016-610

Submit Inspection

Hide Form ▾

Site ID	Description	FMIS Location ID	Region	Agency	Reporting Organization	IA-FMS Inspection WO#
IA001	BLACKFEET AGENCY	C51-01	ROCKY MOUNTAIN	Blackfeet Agency	OFMC	AB379742

Inspection Number B-2016-610

Inspection Type Boiler, Pressure Vessels

Fiscal Year of Inspection 2016

Selected Inspector(s) Bolling, Sean

Inspection Status IN PROGRESS

Remarks

Inspection Created By sbolling

Inspection Created Date 4/22/2016

Inspection Submitted By
Inspection Finalizing Officer

Inspection Submitted Date
Inspection Finalized Date

No Attachments

Upload Attachment

Save

Locations

◀ Previous

Next ▶

1 - 3 of 3 results (page 1 / 1)







Validation Site ID Location Structure Location Description Room Maximum Existing New




Location List

Save

Locations

< Previous Next > 1 - 3 of 3 results (page 1 / 1)   

Validation Status	Site ID	Location Type	Structure Number	Location Description	Room Number	Maximo ID	Is Finalized	Existing Deficiencies	New Deficiencies
									
Not Validated	IA001	1100	11	Shop, Multi-Purpose		AB100951	No	13	0
Not Validated	IA001	1100	118	Shop, Multi-Purpose		AB100986	No	12	0
Not Validated	IA001	1100	127	Shop, Multi-Purpose		AB100988	No	16	0

< Previous Next >   

Location Detail

Working with Inspection B-2016-610

[Back to Inspection Detail](#)

Working with Location AB100988: Shop, Multi-Purpose

Hide Form ▾

[Save](#) [Save & Next](#) [Validate](#) [Previous](#) [Next](#)

Validation Status: Not Validated

Location Description: Shop, Multi-Purpose

Location Type: 1100

Room #:

Maximo ID: AB100988

Use: Building / Shop / Multi-Purpose

Structure #: 127

Location Long Description:

Inspection Remarks:

Inspection Date:*

No New Deficiencies Found?:

No Attachments

[Upload Attachment](#)

[Assets](#)

[Existing Deficiencies](#)

[New Deficiencies](#)

[Add New Deficiency](#)

[← Previous](#)

[Next →](#)

1 - 16 of 16 results (page 1 / 1)



Existing Deficiency List

Upload Attachment

Assets **Existing Deficiencies** New Deficiencies Add New Deficiency

← Previous Next → 1 - 1 of 1 results (page 1 / 1) ▶ ↺

Validation Status Type	Deficiency Number ▲ 1	Site ID	Description	FMIS Backlog or Work Ticket Number	Work Type	Category	Rank	Severity
Not Validated	AB378375	IA001	Boiler deficiency		FM	E	2	

Repeat Deficiency

← Previous Next → ▶ ↺

Repeating an Existing Deficiency

Repeat Deficiency AB378375

Boiler deficiency

Category*	E	E (Energy) ▼
Rank*	2	2 ▼
Severity		2 3
Probability		▼
RAC	4	4
Citation Paragraph Number*		▼
Abatement Period	730	730
Recommended Repair*		
Remark		

Save Cancel

New Deficiency List

Assets Existing Deficiencies **New Deficiencies** Add New Deficiency

Previous Next 1 - 2 of 2 results (page 1 / 1) ▶ ↺


Repeat Deficiency

Validation Status Type	Deficiency Number ▲ 1	Site ID	Description	FMIS Backlog or Work Ticket Number	Work Type	Category	Rank	Severity	Probability
Modified	AB378375	IA001	Boiler deficiency		FM	E	3		
New	B-2016-610_1	IA001	New Boiler Deficiency			E	2		

Previous Next **New Deficiency** ▶ ↺

Adding a New Deficiency

Assets Existing Deficiencies **New Deficiencies** Add New Deficiency

Add New Deficiency button 

◀ Previous Next ▶ 1 - 2 of 2 results (page 1 / 1) ▶ ↺

Validation Status Type	Deficiency Number ▲ 1	Site ID	Description	FMIS Backlog or Work Ticket Number	Work Type	Category	Rank	Severity	Probability
Modified	AB378375	IA001	Boiler deficiency		FM	E	3		
New	B-2016-610 1	IA001	New Boiler Deficiency			E	2		

◀ Previous Next ▶ ▶ ↺

Adding a New Deficiency




New Deficiency at Location AB100988: Shop, Multi-Purpose

Save Save & New Cancel




Location*	(AB100988) Shop, Multi-Purpose
Room Number:	
Asset:	
Validation Status*	New
Deficiency Number	Generated upon save.
Citation Paragraph Number*	
Title*	
	Enter a descriptive title under 100 characters.
Additional Information	
Deficiency status	WAPPR
Work type	
Work subtype	
Category*	E (Energy)
Rank*	
Health Life Safety Indicator	Y
Severity	
Probability	
RAC	
Abatement Period	
Remarks	
Recommended Correction*	

Assets List

Assets Existing Deficiencies New Deficiencies [Add New Deficiency](#)

◀ Previous Next ▶ 1 - 2 of 2 results (page 1 / 1)   

IA-FMS Asset ID	Validation Status Type	Description	Asset Status	Site ID	IA-FMS Location ID	Is Finalized	Approval Status
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	IA001	<input type="text"/>	<input type="text"/>	<input type="text"/>
AB202297	Not Validated	Boiler, Hot Water	OPERATING	IA001	AB131856	No	Pending Approval
AB320413	Not Validated	D3021 - Boilers	OPERATING	IA001	AB100988	No	Pending Approval

◀ Previous Next ▶   

Asset Detail and Validating Assets

Location

Location Type	Description	Structure #	Room #	Maximo ID	IA Status
1150	Storage	127	106	AB131856	

Save Save & Next **Validate** Previous Next Cancel

IA-FMS Data Copy All Pending Data

Asset Number: AB202297

Asset Description: Boiler, Hot Water

Asset Status: OPERATING

Use: Mechanical / Heating / Boiler, Hot Water

Type: FACILITIES

Parent:

Parent Description:

Priority: 10

Serial #:

Inspection Remarks:

Inspection Date:

Attachments

No Attachments

Upload Attachment

Save Save & Next **Validate** Previous Next Cancel

Submitting an Inspection

Working with Inspection B-2016-610

Submit Inspection



Submit Inspection button

Hide Form ▾

Site ID	Description	FMIS Location ID	Region	Agency	Reporting Organization
IA001	BLACKFEET AGENCY	C51-01	ROCKY MOUNTAIN	Blackfeet Agency	OFMC

Inspection Number	B-2016-610	Inspection Type	Boiler, Pressure Vessels
Fiscal Year of Inspection	2016	Selected Inspector(s)	<input type="text" value="Bolling, Sean"/>
Inspection Status	IN PROGRESS		
Remarks	<input type="text"/>		
Inspection Created By	sbolling	Inspection Created Date	4/22/2016
Inspection Submitted By		Inspection Submitted Date	
Inspection Finalizing Officer		Inspection Finalized Date	

No Attachments

Unable to Submit Inspection B-2016-610.
4 Location error(s) were found.
Location AB100986 has not been validated.
Location AB100988 has not been validated.
Location AB100988 does not have an inspection date set. This can be manually changed by editing the location.
Location AB100951 has not been validated.
0 Deficiency error(s) were found.
2 Asset error(s) were found.
Asset AB202297 has not been Validated.
Asset AB320413 has not been Validated.

Validating Locations

Working with Location AB105560: BUILDING / OFFICE

Hide Form ▾

No New Deficiencies Found checkbox

Save Save & Next Validate Previous Next Cancel

Validation Status:	Not Validated	Location Description:	BUILDING / OFFICE
Location Type:	1100	Room #:	
Maximo ID:	AB105560	Use:	Building / Office
Structure #:	265	Location Long Description:	

Inspection Remarks:

Inspection Date:*

No Attachments

No New Deficiencies Found?:

Validating Locations

[Back to Inspection Detail](#)

Working with Location AB105560: BUILDING / OFFICE **Validate button**

Hide Form ▾

[Save](#) [Save & Next](#) [Validate](#) [Previous](#) [Next](#) [Cancel](#)

Validation Status:	Not Validated	Location Description:	BUILDING / OFFICE
Location Type:	1100	Room #:	
Maximo ID:	AB105560	Use:	Building / Office
Structure #:	265	Location Long Description:	

Inspection Remarks:

Inspection Date: No New Deficiencies Found?:

Submitting an Inspection

Working with Inspection B-2016-610

Submit Inspection

Submit Inspection button

Hide Form ▾

Site ID	Description	FMIS Location ID	Region	Agency	Reporting Organization
IA001	BLACKFEET AGENCY	C51-01	ROCKY MOUNTAIN	Blackfeet Agency	OFMC

Inspection Number B-2016-610

Inspection Type Boiler, Pressure Vessels

Fiscal Year of Inspection 2016

Selected Inspector(s)

Bolling, Sean

Inspection Status IN PROGRESS

Remarks

Inspection Created By sbolling

Inspection Created Date 4/22/2016

Inspection Submitted By
Inspection Finalizing Officer

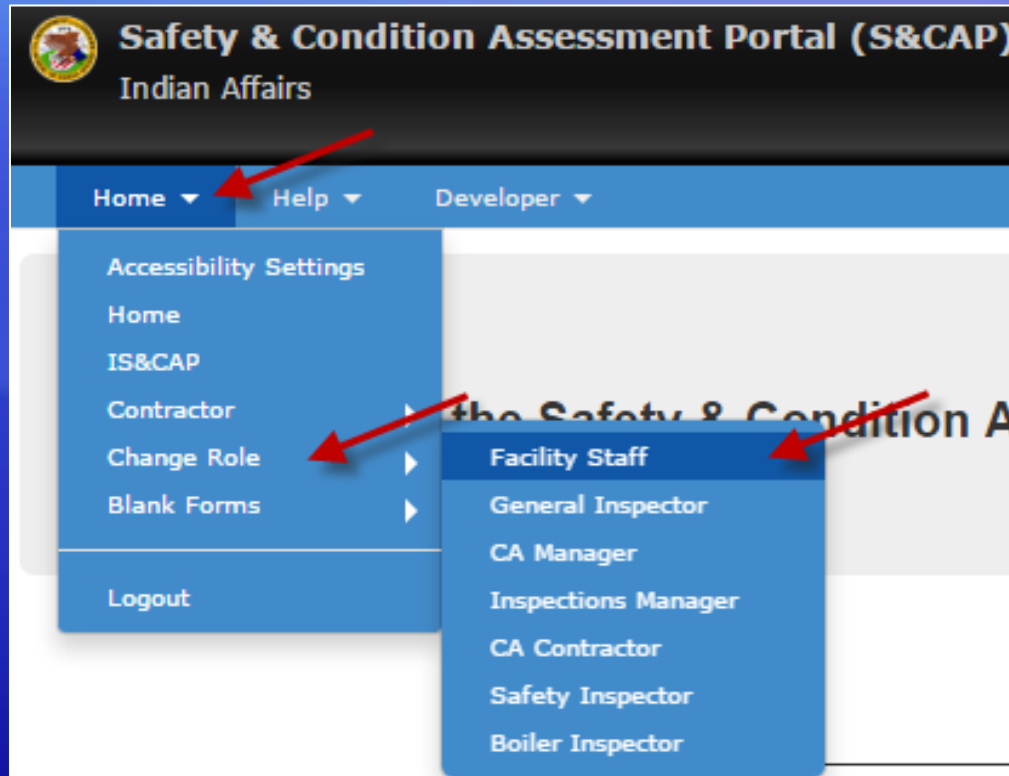
Inspection Submitted Date
Inspection Finalized Date

No Attachments

Upload Attachment

Inspection B-2016-610 was submitted.

Changing Roles



Cost Estimating

- Go to Cost Estimating on the menu bar

Deficiencies / Work Orders to be Costed Detail Bundle DM Work Orders

CURRENT FILTERS ▶ Inspection Number: S-2015-3445

◀ Previous Next ▶ 1 - 10 of 10 results (page 1 / 1) ▶ ↻ 📄

Funding Type	Deficiency / Work Order Number	Deficiency / Work Order Description	Inspection Number	Inspection Finalized Date	Cost Estimate Total	Site ID	Site Description	Maximo ID	Location Description
			S-2015-3445						
AB152792		CONSTRUCT NEW SINGLE OCCUPANCY RESTROOM IN AN EXISTING	S-2015-3445	03/26/2015	\$0.00	IA027	MAKAH AGENCY	AB105560	BUILDING / OFFICE
S-2015-3445_2		Exit is obstructed by hazard	S-2015-3445	03/26/2015	\$0.00	IA027	MAKAH AGENCY	AB105560	BUILDING / OFFICE
S-2015-3445_3		Replace handrail	S-2015-3445	03/26/2015	\$0.00	IA027	MAKAH AGENCY	AB105560	BUILDING / OFFICE
S-2015-3445_4		Concrete is cracked at building entrance	S-2015-3445	03/26/2015	\$0.00	IA027	MAKAH AGENCY	AB105560	BUILDING / OFFICE

Cost Estimating

Apply Geographic Factor?

Planned Funding Method: O&M

Funding Type: O&M

Standing Parent: STRUCTURE 265 FO SO

Finalize Cost

Line Items:

Estimate Type	Item Description	Quantity	Unit of Measure	Material Cost	Labor Hours	Labor Cost	Equipment & Tools Hours	Equipment & Tools Cost	Total Cost	Overhead & Profit %	Total including Overhead & Profit %	Cost Estimate Total	Delete
---------------	------------------	----------	-----------------	---------------	-------------	------------	-------------------------	------------------------	------------	---------------------	-------------------------------------	---------------------	--------

Add Line Item ← Add Line Item button

Material Cost	\$0.00
Labor Cost	\$0.00
Equipment Cost	\$0.00

Quarter	\$0.00
Median	\$0.00
Three Quarter	\$0.00

Assembly Material Cost	\$0.00
Assembly Installation Cost	\$0.00

Overhead & Profit	\$0.00
Grand Total	\$0.00

Cost Estimating – Estimate Types

Line Items:

Estimate Type	Item Description	Quantity	Unit of Measure	Material Cost	Labor Hours	Labor Cost	Equipment & Tools Hours	Equipment & Tools Cost	Total Cost	Overhead & Profit %	Total including Overhead & Profit %	Cost Estimate Total	Delete
---------------	------------------	----------	-----------------	---------------	-------------	------------	-------------------------	------------------------	------------	---------------------	-------------------------------------	---------------------	--------

[Add Line Item](#)

IA Single/Detailed Cost Estimate

Cost Estimated Date: 03/30/2015

Cost Estimator's Name: Sean Bolling

Estimate Type*: IA Single Cost Estimate

Item Description*: IA Single Cost Estimate

Bare Cost*: RS Means Books Assembly Cost Estimate

Material Quantity:

Material Unit of Measure:

Material Cost:

Labor Hours:

Deficiencies Costed as O&M

Apply Geographic Factor?

Planned Funding Method: O&M

Funding Type: O&M

Standing Parent: STRUCTURE 265 FO SO

- STRUCTURE 265 FO SO (AB106452)
- STRUCTURE 265 GM SO (AB106456)
- STRUCTURE 265 PM SO (AB106454)
- STRUCTURE 265 PS SO (AB106453)
- STRUCTURE 265 UM SO (AB106455)
- No Standing Parent

Finalize Cost

Line Items:

Estimate Type	Item Description	Quantity	Unit of Measure	Material Cost	Labor Hours	Labor Cost	Equipment & Tools Hours	Equipment & Tools Cost	Total Cost	Overhead & Profit %	Total including Overhead & Profit %	Cost Estimate Total	Delete
Detailed	handrail replacement	1	LF	\$55.00	28	\$15.00	16	\$50.00	\$1,275.00	0%	\$1,275.00	\$1,275.00	X

Select Standing Parent

Finalize Cost button

Deficiencies Costed as DM

Apply Geographic Factor?

Planned Funding Method FI&R FI&R MI&R

Funding Type DM

Finalize Cost

Finalize Cost button

DM Funding Type

Select Planned Funding Method

Line Items:

Estimate Type	Item Description	Quantity	Unit of Measure	Material Cost	Labor Hours	Labor Cost	Equipment & Tools Hours	Equipment & Tools Cost	Total Cost	Overhead & Profit %	Total including Overhead & Profit %	Cost Estimate Total	Delete
Detailed	replace concrete	500	SF	\$10.00	40	\$12.00	40	\$15.00	\$6,080.00	0%	\$6,080.00	\$6,080.00	X

Apply Geographic Factor?

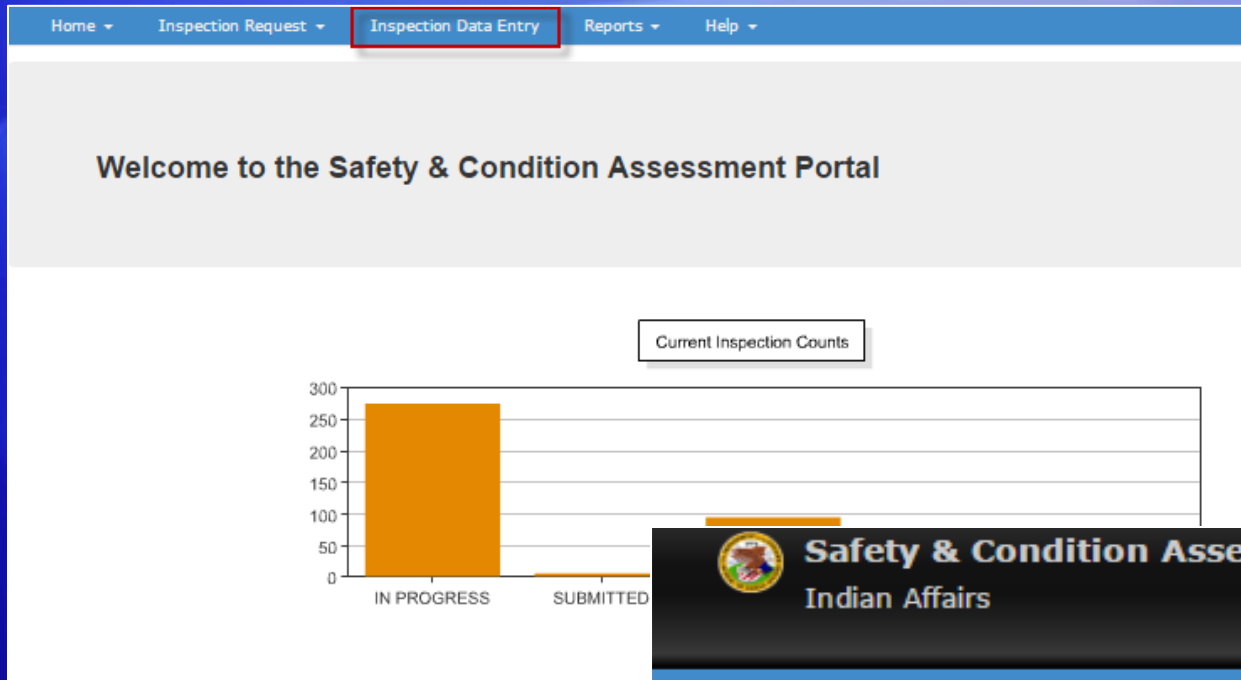
Planned Funding Method FI&R

Funding Type DM

Finalize Cost **Send to IAFMS**

Send to IAFMS button

Sending Asset Data to IA-FMS (Maximo)



Safety & Condition Assessment Portal (S&CAP)
Indian Affairs

Home ▾ Inspection Data Entry Abatement Plans Cost Estimating R

Please choose an inspection type to view below.

- Safety & Other Inspections
- CA Inspection

Submit

The screenshot shows a web form titled "Safety & Condition Assessment Portal (S&CAP) Indian Affairs". The navigation bar includes "Home", "Inspection Data Entry", "Abatement Plans", "Cost Estimating", and "R". Below the navigation bar, there is a prompt: "Please choose an inspection type to view below." There are two radio button options: "Safety & Other Inspections" (which is selected) and "CA Inspection". A red arrow points to the "Safety & Other Inspections" option. Below the options is a blue "Submit" button, which is highlighted with a red box.

Locating Finalized Inspection

The screenshot shows a web application interface with a table. The table has columns: 'e Description', 'Fiscal Year ▲ 1', 'Inspection Status', 'Inspection Created Date', and 'Inspection Submitted D'. A dropdown menu is open over the 'Inspection Status' column, showing options: 'COSTED', 'DELETED', 'FINALIZED', 'IN PROGRESS', and 'NOTICE SENT'. The 'FINALIZED' option is selected. A red arrow points to the 'Inspection Status' column header, and another red arrow points to the 'FINALIZED' option in the dropdown menu.

Please select an inspection from the list below

CURRENT FILTERS ▶ Inspection Status: IN PROGRESS, SUBMITTED

◀ Previous Next ▶ 1 - 3 of 3 results (page 1 / 1)

Region	Agency	Inspection Number	Inspection Type	FMS Location #	Site Number	Site Description	Fiscal Year ▲ 1	Inspection Status
								✓ 2
NAVAJO	Chinle Agency	B-2016-608	Boiler, Pressure Vessels	N35-01	IA004	CHINLE AGENCY	2016	IN PROGRESS
GREAT PLAINS	Lower Brule Agency	B-2016-609	Boiler, Pressure Vessels	A15-01	IA026	LOWER BRULE AGENCY	2016	IN PROGRESS
ROCKY MOUNTAIN	Blackfoot Agency	B-2016-610	Boiler, Pressure Vessels	C51-01	IA001	BLACKFEET AGENCY	2016	IN PROGRESS

◀ Previous Next ▶

Navigate to Assets List

No Attachments Upload Attachment

Assets Existing Deficiencies New Deficiencies

Previous Next 1 - 2 of 2 results (page 1 / 1) ▶ ↺ 📄

IA-FMS Asset ID	Validation Status Type	Description	Asset Status	Site ID	IA-FMS Location ID	Is Finalized	Approval Status
<u>AB202297</u>	Not Validated	Boiler, Hot Water	OPERATING	IA001	AB131856	Yes	Pending Approval
<u>AB320413</u>	Not Validated	D3021 - Boilers	OPERATING	IA001	AB100988	Yes	Pending Approval

Previous Next ▶ ↺ 📄

Asset Detail – Send to IA-FMS (Maximo)

Location

Location Type	Description	Structure #	Room #	Maximo ID
1150	Storage	127	106	AB131856

Send to IA-FMS

Previous

Next

Cancel

sbolling

Copy All >

Final Data for IA-FMS

Asset Number: AB202297



AB202297

Asset Description: Boiler, Hot Water



Boiler, Hot Water

Asset Status: OPERATING



OPERATING

Use: Mechanical / Heating / Boiler,
Hot Water



Mechanical / Heating / Boiler, Hot Water

Type: FACILITIES



FACILITIES

Parent:



Parent Description:

Priority: 10



10

Serial #: 0234-GK17-0089



0234-GK17-0089

Inspection Remarks:



Inspection Date: 04/18/2016



04/18/2016

Attachments

No Attachments

Asset AB202297 has been sent to IA-FMS.

Demo

S&CAP

Boiler Inspection Data Entry