

IMPACT Database User Guide  
(Integrated, Management, Planning and Control Tool)

## **HOW TO CREATE A WORK PACKAGE AND HAZARD ANALYSIS**

### **Including how to submit HAs to workflow, and other optional actions in IMPACT**

Login to IMPACT, the database is accessible through the link provided here:  
<https://www-esh.fnal.gov/pls/apex/f?p=129>

You need permission to add and edit work packages in the DB.

If you have issues logging into the database, please contact [kathy@fnal.gov](mailto:kathy@fnal.gov) to get access.

### **Revision History**

<b>Name</b>	<b>Description</b>	<b>Date</b>
Kathy Vuletich	Updated content for changes to the look of data entry screens. Added sections: <ul style="list-style-type: none"><li>- Workflow Status</li><li>- Role Report: People in the Workflow</li></ul>	December 4, 2020
Kathy Vuletich	Added information on links to General Enclosure RWPs, new COVID-19 resources, and the FQTS Lessons Learned database. Updated each section on how to use IMPACT with new screen shots highlighting the upgraded interface.	September 21, 2020

	Added information on how to update Locations, add Workers, and add People to Notify on the HA.	
Kathy Vuletich	Added checkbox on HA for Emergency Work, see p. 12. Added instructions for cloning step for resubmitting rejected HAs, see p. 20. Updated automatic emails from IMPACT – now includes links directly to impact and comments from reviewers and approvers. Updated workflow details on HA status screens – now includes responder name, date and timestamp, and comments.	April 2020
Kathy Vuletich	Added “Authorizing Supervisor” step, see p.17.	December 2019
Kathy Vuletich	Initial Release	September 2019

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## DATABASE FIELD DEFINITIONS

### WKPG – Work Package Screen

Field Name	Required or Optional?	Field Type	Description
<b>Job Title</b>	Required	Manual text field	Enter the title for the job you will be creating a work package for. Short and descriptive title.
<b>Work Package Status</b>	Required	Dropdown list	Select the status of the job. <ul style="list-style-type: none"> <li>- New: Initial entry of new job</li> <li>- Revised: Previous job entered and has been revised</li> <li>- Completed: Job has been completed and closed out</li> <li>- Cancel: Job has been canceled, or will not be completed</li> </ul>
<b>TM/CC/SC/Owner</b>	Required	Pre-populated select list	This field will default to your name, but you can choose a different person if they are responsible for planning this job.
<b>Managed By Org</b>	Required	Dropdown list	Select the organization that is managing the work being performed. Likely this is YOUR organization.
<b>Performed For Org</b>	Required	Dropdown list	Select the organization that the work is being performed for. Can also be the same org as Managed By.
<b>Est Start Date</b>	Required	Date Field	Select the estimated start date of the job
<b>Est End Date</b>	Required	Date Field	Select the estimated end date of the job
<b>Actual Start Date</b>	Optional	Date Field	Select the actual start date of the job, when known
<b>Actual End Date</b>	Optional	Date field	Select the actual end date of the job, when known
<b>Project Name</b>	Optional	Dropdown list	List contains the projects currently in progress at Fermilab, if the job is for a project then select it from the list
<b>Project/Work Order Number</b>	Optional	Manual text field	Enter a number associated with this job, some D/S/P have a numbering system to track jobs. For example, the AD Work List, FESS Work Order #, etc..

<b>Po Contract#</b>	Optional	Dropdown list	If a contract# is associated with this job, select it from the list. This list is connected with the PO DB.
<b>Release #</b>	Optional	Dropdown list	If a release # is associated with this job, select it from the list. This list is connected with the PO DB.
<b>Job Description</b>	<b>Required</b>	Manual text field	Enter in a more detailed description of the job being performed.
<b>Locations</b>	<b>Required</b>	Select List/Shuttle	Select the locations where the job is going to occur. The field allows you to select one or many locations.
<b>Print</b>	N/A	Action Button	Click the “print” button to print the entire work package
<b>Sign-off Sheet</b>	N/A	Action Button	Click the “sign-off sheet” button to print out a generic sign-off sheet used for pre-job walk downs or other activities.
<b>Attachments</b>	N/A	Table	Attach documents to this work package.
<b>Hyperlinks</b>	N/A	Table	Link web pages to the work package
<b>Cancel</b>	N/A	Action Button	Clicking ‘cancel’ will take you back to the previous screen, the home page.
<b>Create / Save</b>	N/A	Action Button	When clicked, the work package will be initially submitted to the database, or your changes will be saved. A green alert box will appear in the upper right corner of the screen to confirm your actions.

## HA – Hazard Analysis Screens

Field Name	Required or Optional?	Field Type	Description
<b>Edit Form</b>	N/A	Action Button	Clicking ‘edit’ will take you into the HA edit screen where you will complete your HA or edit it.
<b>Print</b>	N/A	Action Button	Clicking ‘print’ will open a new browser tab with the ability to print the entire HA.
<b>Submit for Approval</b>	N/A	Action Button	Clicking the ‘Submit for Approval’ button will send your HA into the workflow process. Once the process is started, it cannot be stopped unless your supervisor approves or rejects the HA.
<b>Clone</b>	N/A	Action Button	Clicking ‘clone’ will make a complete copy of an HA. You must then edit the HA and save your changes. The new clone will have a new ID number (the old HA will not be replaced or deleted; it will still exist in the list).
<b>Edit Form Header</b>	Required	Action Button	This will open a dialog box where you are required to enter an “Authorizing Supervisor” to approve the HA. You may also update the HA Title, Start Date, End Date, and Prepared By.
<b>Form</b>	N/A	Table	The tab in the table on the HA screen contains the read-only information regarding the HA. At the top is information about the work package, and then the bottom half contains information specific to the HA, including all hazards chosen, and steps in the process.
<b>Package Locations</b>	N/A	Table	When multiple locations are selected for a job, the ‘Add Locations’ button gives you the opportunity to narrow down your HA to be applicable to one or many of those locations. Default is set to many, so if the HA is

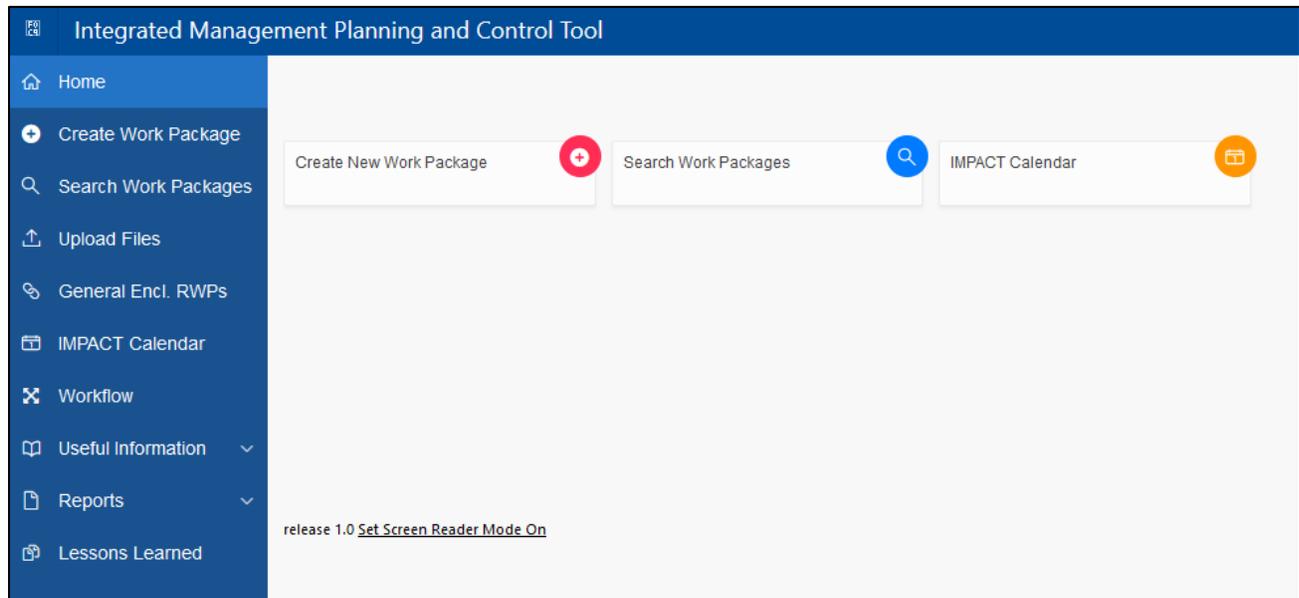
			applicable to all locations, no actions are necessary.
<b>Attachments</b>	N/A	Table	Attach documents to this HA
<b>Hyperlinks</b>	N/A	Table	Link web pages to this HA
<b>People to Notify</b>	N/A	Table	This will open a dialog box where you can add people to notify of this HA. Whether it be workers involved in the job, or others that need to know about the HA.
<b>Governing Chapters</b>	N/A	Table	This will open a dialog box where you can access the FESHM chapters that govern the HA process and provides you with additional information as necessary.
<b>Workflow</b>	N/A	Table	This will show as a new tab in the table when the HA has been submitted to workflow. View the status of the workflow in this tab.

#### Forms/Permits/Applications Screens

Field Name	Required or Optional?	Field Type	Description
<b>Edit</b>	N/A	Action Button	Clicking 'edit' will take you into a blank edit screen. Until the F/P/A is digitized this feature will not function.
<b>Print Permit</b>	N/A	Action Button	Clicking 'print permit' will open a new browser tab with the ability to print the entire F/P/A.
<b>Clone</b>	N/A	Action Button	Clicking 'clone' will make a complete copy of an F/P/A. The new clone will have a new ID number (the old F/P/A will not be replaced or deleted; it will still exist in the list).
<b>Download Form</b>	N/A	Action Button	Clicking 'download form' will open a new tab where the F/P/A will appear. For eJulie for example, the new tab will take you to the online eJulie system.
<b>Permit</b>	N/A	Table	The permit tab contains the read-only information regarding the F/P/A about the work package.
<b>Package Locations</b>	N/A	Table	When multiple locations are selected for a job, the 'add

			locations' button gives you the opportunity to narrow down your F/P/A to be applicable to one or many of those locations. Default is set to many, so if the F/P/A is applicable to all locations, no actions are necessary.
<b>Attachments</b>	N/A	Table	Attach documents to this F/P/A
<b>Hyperlinks</b>	N/A	Table	Link web pages to this F/P/A
<b>People to Notify</b>	N/A	Table	This will open a dialog box where you can add people to notify of this F/P/A. Whether it be workers involved in the job, or others that need to know about the F/P/A.
<b>Governing Chapters</b>	N/A	Table	This will open a dialog box where you can access the FESHM chapters that govern the F/P/A process and provides you with additional information as necessary.
<b>Workflow</b>	N/A	Table	This will show as a new tab in the table when the permit has been submitted to workflow (only when applicable). View the status of the workflow in this tab.

## DATABASE FUNCTIONS OVERVIEW



**Home** – The home tab is the landing page for IMPACT. On the landing page there are several options for the user to engage in. Each are listed below.

**Create Work Package** – Located on the left navigation menu and the home tab, click this option to create a brand new work package.

**Search Work Packages** – Located on the left navigation menu and the home tab, click this option to search the DB.

**Upload Files (to an Existing Work Package)** – Located on the left navigation menu, click this option to upload files to existing work packages.

**General Encl. RWPs** – Located on the left navigation menu, click this option to read and sign general enclosure radiation work permits (RWPs). Clicking on this link will take the user to a separate system.

**IMPACT Calendar** – Located on the left navigation menu and the home tab, click this option to view a calendar of scheduled and on-going jobs. Hover over an event to see more information, or click the event to view the details directly from the work package.

**Workflow** – Located on the left navigation menu, for those with roles in the workflow process click this option to go directly to the workflow tool to see your open tasks.

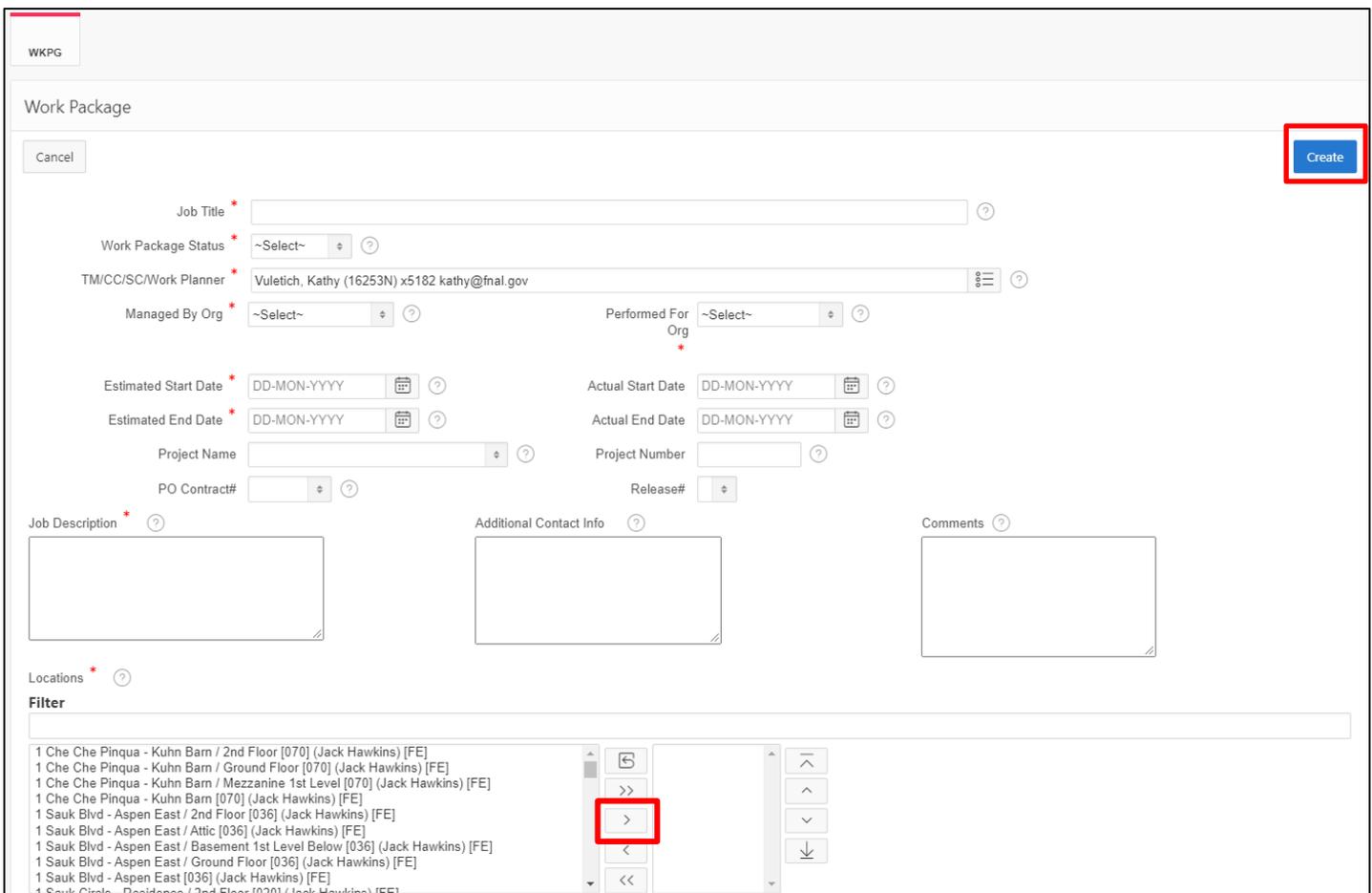
**Useful Information** – Located on the left navigation menu, this feature links to the IMPACT User Guides, FESHM, FRCM, the QAM (all manuals that govern the processes contained within IMPACT), IMPACT Training Videos, and COVID-19 Resources & Information for employees.

**Reports** – Located on the left navigation menu, this feature is currently only displaying change logs for the system. Clicking on the carrot will expand the list. You will be able to see changes made to the DB in these reports.

**Lessons Learned** – Located on the left navigation menu, click this link to go to the FQTS (Fermilab Quality Tool Suite) Lessons Learned database. Lessons learned should be considered when planning a new job, and documented when completing a job.

## HOW TO ENTER A NEW WORK PACKAGE

1. Click on “Create Work Package” from the left navigation or home screen.  
 Note: All fields with a red asterisk “\*” are required to create the work package.  
 Note: To create a Hazard Analysis, a Work Package must be created first.
2. Enter all information about the work being performed. See [Database Field Definitions](#) - WKPG – Work Package Screen for detailed information on each field.
3. When finished, click the blue “Create” button in the upper right corner of the screen.



Work Package

Cancel Create

Job Title \*

Work Package Status \* ~Select~

TM/CC/SC/Work Planner \* Vuletech, Kathy (16253N) x5182 kathy@fnal.gov

Managed By Org \* ~Select~

Performed For Org \* ~Select~

Estimated Start Date \* DD-MON-YYYY

Actual Start Date DD-MON-YYYY

Estimated End Date \* DD-MON-YYYY

Actual End Date DD-MON-YYYY

Project Name

Project Number

PO Contract#

Release#

Job Description \*

Additional Contact Info

Comments

Locations \*

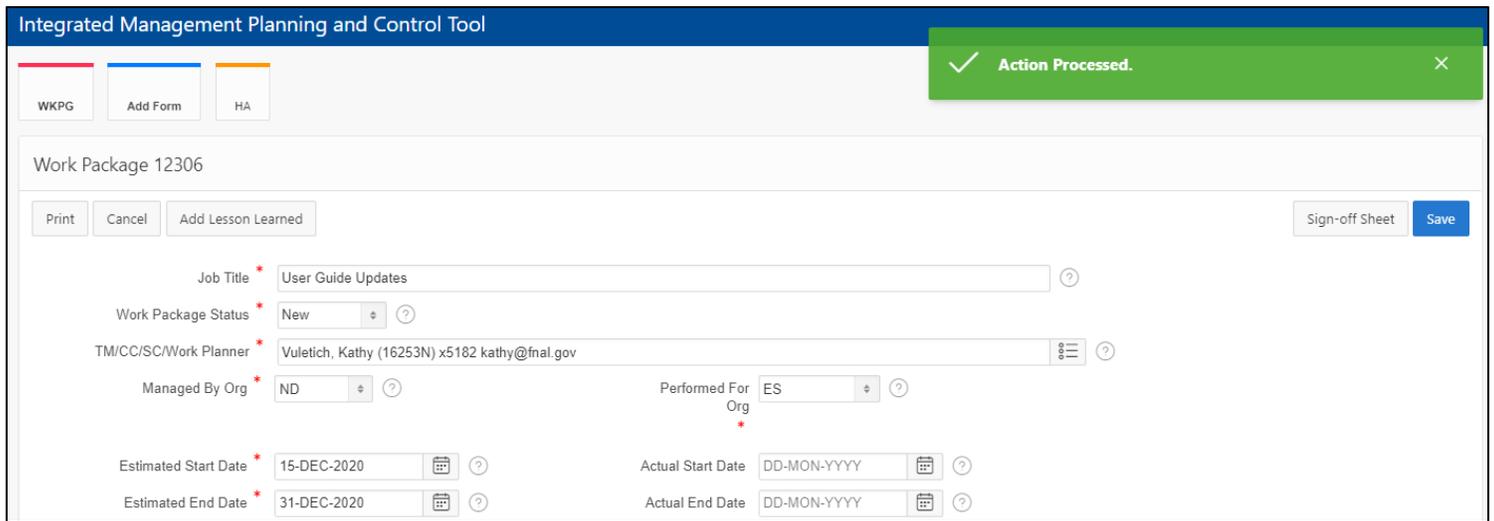
Filter

1 Che Che Pinqua - Kuhn Barn / 2nd Floor [070] (Jack Hawkins) [FE]
1 Che Che Pinqua - Kuhn Barn / Ground Floor [070] (Jack Hawkins) [FE]
1 Che Che Pinqua - Kuhn Barn / Mezzanine 1st Level [070] (Jack Hawkins) [FE]
1 Che Che Pinqua - Kuhn Barn [070] (Jack Hawkins) [FE]
1 Sauk Blvd - Aspen East / 2nd Floor [036] (Jack Hawkins) [FE]
1 Sauk Blvd - Aspen East / Attic [036] (Jack Hawkins) [FE]
1 Sauk Blvd - Aspen East / Basement 1st Level Below [036] (Jack Hawkins) [FE]
1 Sauk Blvd - Aspen East / Ground Floor [036] (Jack Hawkins) [FE]
1 Sauk Blvd - Aspen East [036] (Jack Hawkins) [FE]
1 Sauk Blvd - Residence / 2nd Floor [036] (Jack Hawkins) [FE]

**TIP:** To use the **Locations** shuttle section at the bottom of the screen, use the “Filter” field to search for locations. Click on the location(s) you wish to attach and then click the right arrow button. This will move your selection location(s) to the table on the right. To remove a location, highlight the location and then click the left arrow button to put it back in the main list.

#### 4. Success in creating a new work package

A green confirmation box stating ‘Action Processed’ will appear in the upper right corner.  
 A Work Package # will also be assigned to your work package.  
 2 new tabs will appear on the top of the screen, “Add Form”, and “HA”.

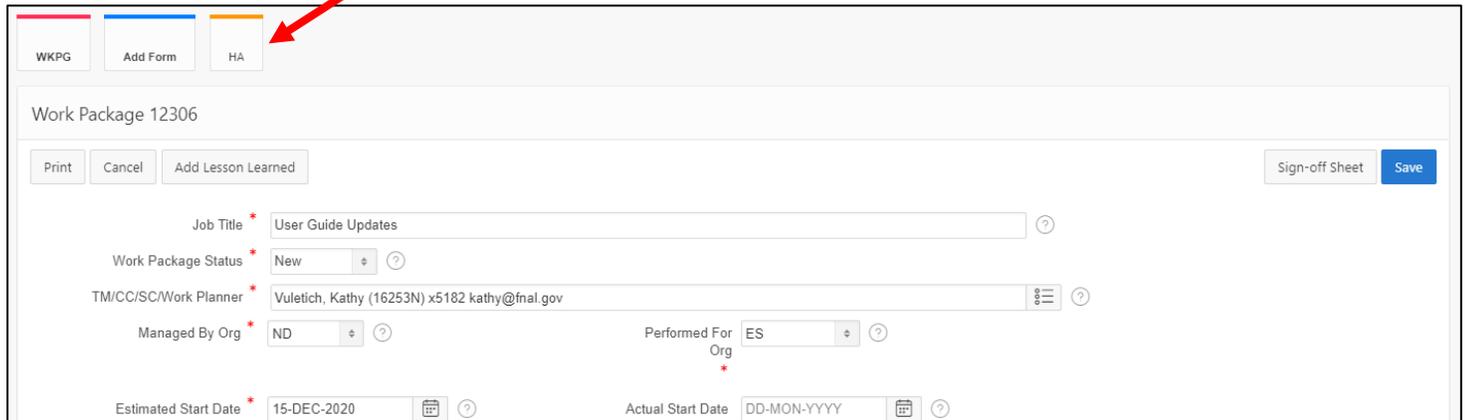


The screenshot shows the 'Integrated Management Planning and Control Tool' interface. At the top, a blue header bar contains the title. Below it, a green notification box with a checkmark and the text 'Action Processed.' is visible in the upper right corner. The main content area displays the details for 'Work Package 12306'. On the left, there are three tabs: 'WKPG' (selected), 'Add Form', and 'HA'. Below the tabs, there are buttons for 'Print', 'Cancel', 'Add Lesson Learned', 'Sign-off Sheet', and 'Save'. The form fields include:

- Job Title: User Guide Updates
- Work Package Status: New
- TM/CC/SC/Work Planner: Vuleitch, Kathy (16253N) x5182 kathy@fnal.gov
- Managed By Org: ND
- Performed For Org: ES
- Estimated Start Date: 15-DEC-2020
- Actual Start Date: DD-MON-YYYY
- Estimated End Date: 31-DEC-2020
- Actual End Date: DD-MON-YYYY

## HOW TO CREATE AND SAVE A HAZARD ANALYSIS (HA)

1. Click on the HA tab in the work package you wish to add an HA to.



Work Package 12306

Print Cancel Add Lesson Learned Sign-off Sheet Save

Job Title \* User Guide Updates

Work Package Status \* New

TM/CC/SC/Work Planner \* Vuleitch, Kathy (16253N) x5182 kathy@fnal.gov

Managed By Org \* ND

Performed For Org \* ES

Estimated Start Date \* 15-DEC-2020

Actual Start Date DD-MON-YYYY

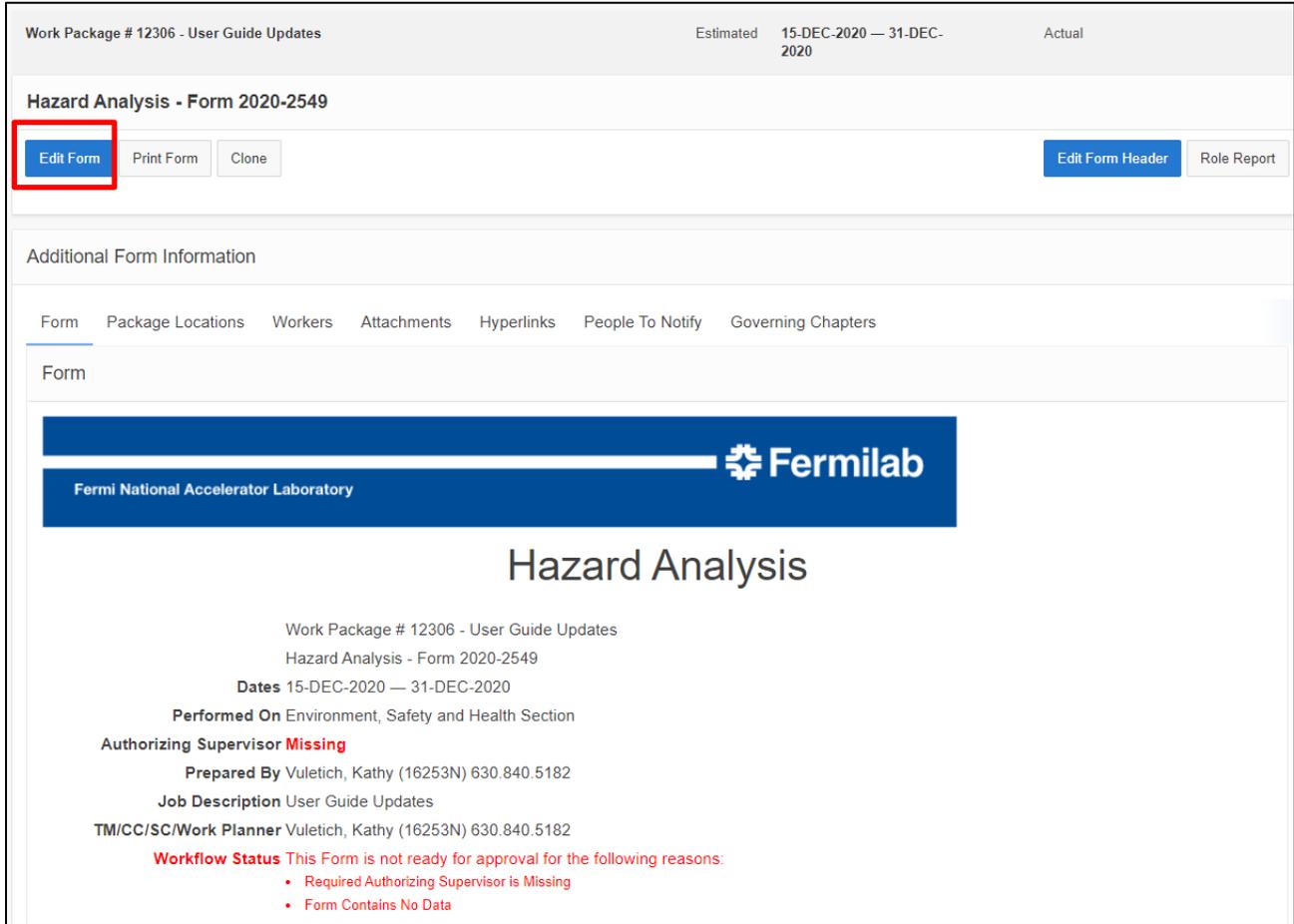
2. The HA screen will appear, as seen in step 3.

In the “Additional Form Information” table, the “Form” tab alerts the user what is required to be completed before the HA can be submitted to workflow for approval.

In **red text**, the system indicates that an authorizing supervisor needs to be identified, and the HA needs to be completed.

Follow the next steps to complete the HA and prepare it for submission for approval.

3. Click “[Edit Form](#)” on the HA screen.



Work Package # 12306 - User Guide Updates Estimated 15-DEC-2020 — 31-DEC-2020 Actual

**Hazard Analysis - Form 2020-2549**

[Edit Form](#) [Print Form](#) [Clone](#) [Edit Form Header](#) [Role Report](#)

Additional Form Information

Form Package Locations Workers Attachments Hyperlinks People To Notify Governing Chapters

Form

**Fermilab**  
Fermi National Accelerator Laboratory

## Hazard Analysis

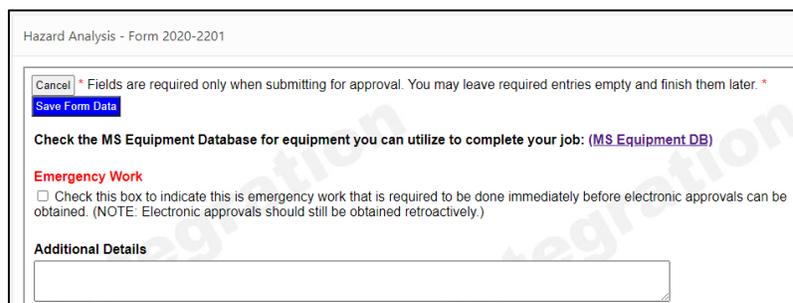
Work Package # 12306 - User Guide Updates  
Hazard Analysis - Form 2020-2549  
Dates 15-DEC-2020 — 31-DEC-2020  
Performed On Environment, Safety and Health Section  
Authorizing Supervisor **Missing**  
Prepared By Vuletich, Kathy (16253N) 630.840.5182  
Job Description User Guide Updates  
TM/CC/SC/Work Planner Vuletich, Kathy (16253N) 630.840.5182

**Workflow Status** This Form is not ready for approval for the following reasons:

- Required Authorizing Supervisor is Missing
- Form Contains No Data

4. The HA edit form appears. There is are 2 **optional fields** on the top of the screen.

- Emergency Work** – Check this box only when the work you are to perform is emergency work that has to be performed before there is time to obtain approvals. Checking this box will ensure it shows up on the printable HA. Electronic approvals should still be obtained retroactively.
- Additional Details** – You may enter any additional information in this text field.



Hazard Analysis - Form 2020-2201

[Cancel](#) \* Fields are required only when submitting for approval. You may leave required entries empty and finish them later. \*

[Save Form Data](#)

Check the MS Equipment Database for equipment you can utilize to complete your job: ([MS Equipment DB](#))

**Emergency Work**

Check this box to indicate this is emergency work that is required to be done immediately before electronic approvals can be obtained. (NOTE: Electronic approvals should still be obtained retroactively.)

**Additional Details**

5. **Hazard Identification** – The next section of the form is a series of check boxes. These check boxes are hazards you may encounter when performing your work. Check the box next to all that apply.

**COVID-19 Protective Measures** ([Guidance Documents](#))

- Maintain 6 ft. or greater social distance when possible
- Face Covering (Cloth Face Mask or Disposable Face Mask)
- Face Shield
- Safety Glasses / Goggles
- Impervious Gloves
- Clean Surfaces Used
- Wash/Sanitize Hands
- Other Protective Measures Not Listed Above (List in Text Box below)

**Close Proximity Work < 6 feet**

- 1. Check this box to select ALL the D/S performing the close proximity work (check ALL that apply)
- 2. Check this box to select where the close proximity work will be performed (check ALL that apply).

**Industrial Hazards**

- Flammable Gas Areas
- Heat Stress / Cold Stress
- Structural Demolition
- Excavation
- Scaffold Erection
- Scaffold Use
- Ladder Use
- Steel Erection
- Fall Protection - Fall Exposures >4 feet (>6 feet for construction)
- Overhead Crane
- Powered Industrial Truck (e.g. forklift)
- Aerial Lift
- Mobile Crane
- Critical Crane Lift
- Rotating Equipment
- High Pressure air/fluids
- Welding/Cutting/Brazing/Grinding
- Lead (Lead paint, moving bricks, cutting sheets, soldering)
- Chemical Use (cleaners, solvents, adhesives, etc.) - If checked attach or link SDS to the HA [Upload Files](#) [Add Hyperlinks](#)
- Lasers

6. **Personal Protective Equipment (PPE) Identification** – Next is a similar checkbox section, and now you will choose what PPE is needed for the job. Check the box next to all that apply.

***Check the boxes next to all types of PPE and Controls you will need for this job.***

**Personal Protective Equipment (PPE)**

- Hardhat
- Bump cap
- Steel-toed boots
- Steel-toed shoes
- Gloves - leather
- Gloves - chemical
- Gloves - electrical
- Gloves - Cryogenic
- High visibility clothing
- Safety goggles
- Safety goggles - chemical
- Safety goggles - impact/face shield

7. **Controls Identification** – The last checkbox section is for controls required for the job. Check the box next to all that apply.

**Controls**

- Danger tape & signage
- Barricades - solid
- Barricades - soft (caution tape)
- Road Closure
- Soil/erosion control
- Site dust control

8. **Work Tasks Identification** – Document all of the work tasks that are required for the job
  - a. indicate whether they are **critical** steps
  - b. outline the **hazard details** of each step
  - c. and finally the **mitigations**.
  
9. To add more rows to the work tasks identification table, click “**Add More Rows**”. Rows will be added in 3’s.

Complete the table below by identifying the work tasks and their associated hazards and mitigation that will reduce risk of the hazards.

Step #	Critical Step	Process Step	Hazard Details	Mitigation Details
1	Yes ▼	This is my process step	Here are my hazard details	Here are the mitigation
2	No ▼	This is my 2nd process step	Here are my hazard details again	And more mitigation
3	Yes ▼	This is my 3rd process step	Here are these hazards	And even more mitigation

\* Fields are required only when submitting for approval. You may leave required entries empty and finish them later.

10. When you have filled out the form, click “**Save Form Data**” to save your form.

**NOTE: clicking Save Form Data does NOT submit the HA to workflow. Submitting HA to workflow is a separate step.**

11. The “Form” tab has been updated and shows the completed HA. **This is a read-only screen.** To edit your HA, click on “[Edit Form](#)” to get back into the data entry screen.

Package Location		
Type	Name	Building Manager
Floor	Meson Assembly Building / Ground Floor [412]	Huey, Steve (12454N) 630.840.8228
		PPD

## Hazard Analysis

Check the MS Equipment Database for equipment you can utilize to complete your job: ([MS Equipment DB](#))

**Emergency Work**

Check this box to indicate this is emergency work that is required to be done immediately before electronic approvals can be obtained. (NOTE: Electronic approvals should still be obtained retroactively.)

**Additional Details**

Check the boxes next to all types of work and known hazards you may encounter on this job.

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**COVID-19 Protective Measures ([Guidance Documents](#))**

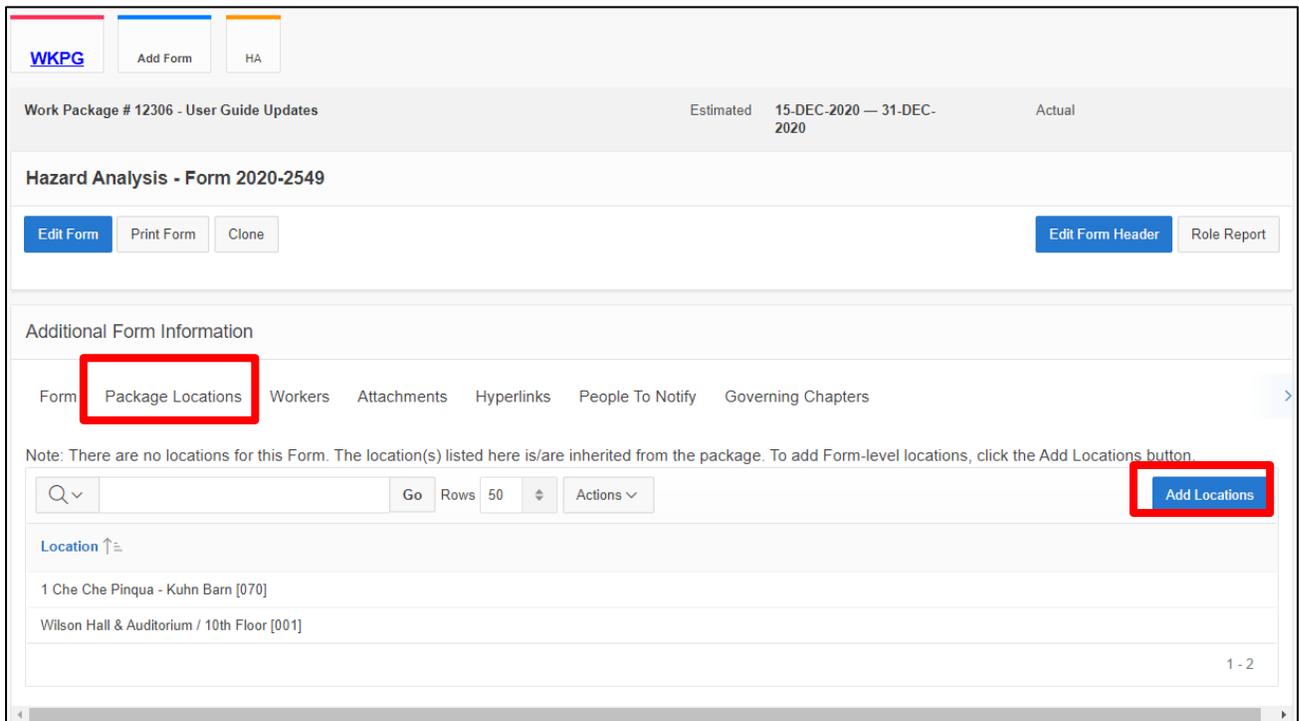
- Maintain 6 ft. or greater social distance when possible
- Face Covering (Cloth Face Mask or Disposable Face Mask)
- Face Shield
- Safety Glasses / Goggles
- Impervious Gloves
- Clean Surfaces Used
- Wash/Sanitize Hands
- Other Protective Measures Not Listed Above (List in Text Box below)

## ADDITIONAL FORM INFORMATION TABS ON THE HA

All of the additional options available in the HA are required to be completed prior to submitting the HA to workflow.

### Locations

1. If you have multiple locations to this job and want to narrow down the scope of the HA click on the “[Package Locations](#)” tab as highlighted below.
2. Click “[Add Locations](#)”

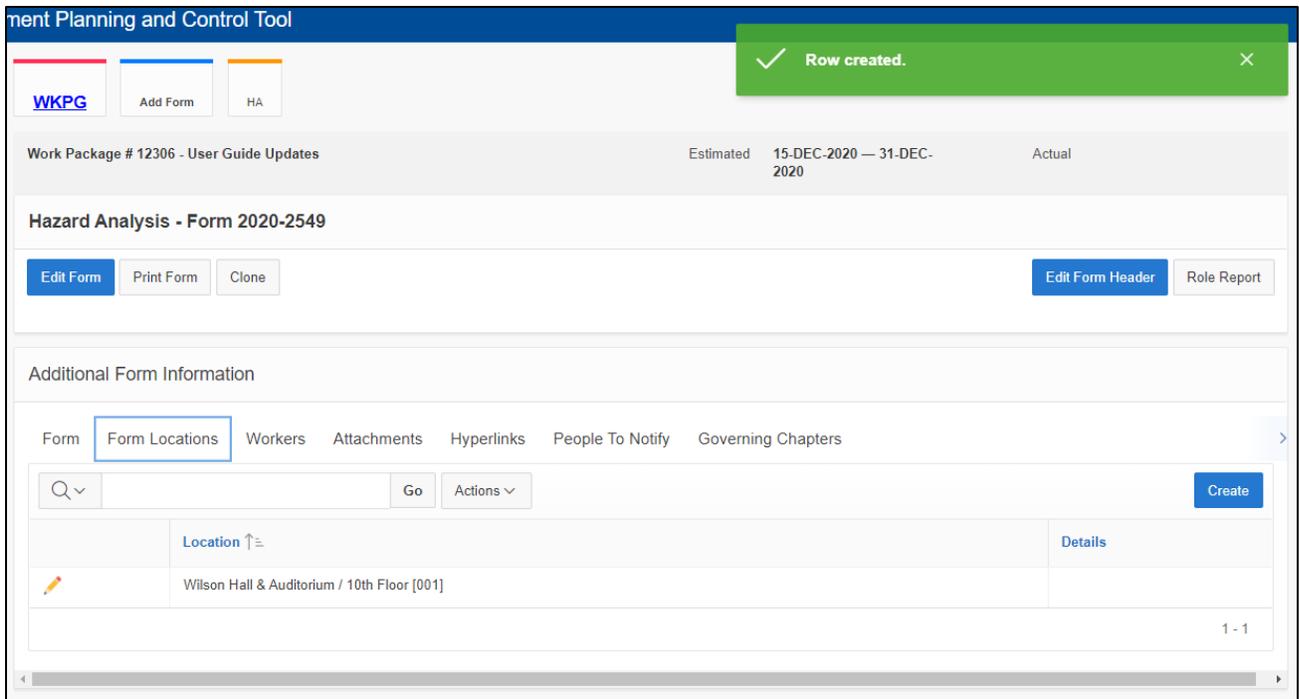


The screenshot shows the IMPACT DB interface for a Hazard Analysis (HA) form. At the top, there are tabs for 'WKPG', 'Add Form', and 'HA'. Below the tabs, the work package is identified as 'Work Package # 12306 - User Guide Updates' with an estimated date range of '15-DEC-2020 — 31-DEC-2020'. The specific form is 'Hazard Analysis - Form 2020-2549'. Action buttons include 'Edit Form', 'Print Form', 'Clone', 'Edit Form Header', and 'Role Report'. Under 'Additional Form Information', the 'Package Locations' tab is highlighted with a red box. A note states: 'Note: There are no locations for this Form. The location(s) listed here is/are inherited from the package. To add Form-level locations, click the Add Locations button.' Below the note is a search bar and a table of locations. The 'Add Locations' button is also highlighted with a red box. The table lists two locations: '1 Che Che Pinqua - Kuhn Barn [070]' and 'Wilson Hall & Auditorium / 10th Floor [001]'. The page number '1 - 2' is visible at the bottom right of the table area.

3. A box will appear as seen below, click on the “[Location](#)” dropdown list and select the location (the list comes from the locations you selected for your work package).
4. Enter in any details about this location in the “[Details](#)” text field.
5. When finished click “[Create](#)”.

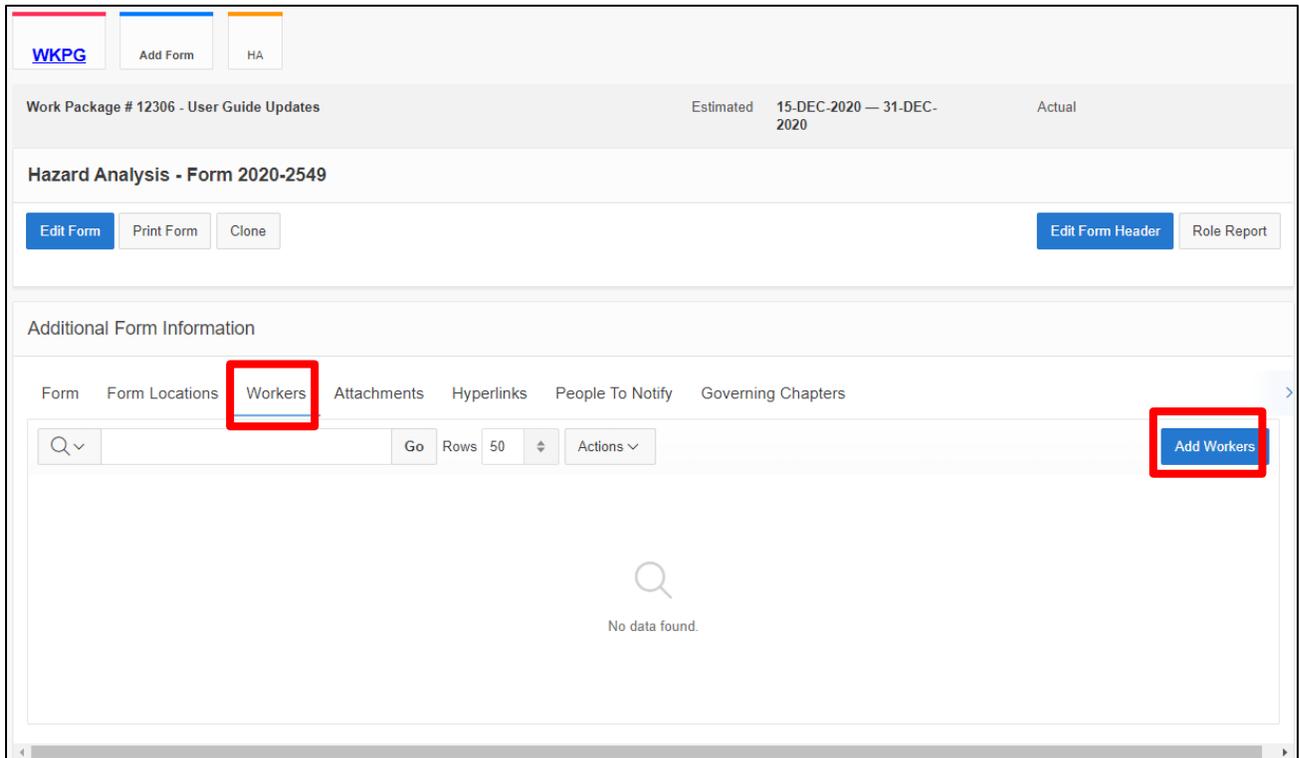


6. The HA screen will refresh as seen below and a green confirmation box will appear at the top of the screen. Only the location(s) you selected will appear in the “Form Locations” list in the Additional Form Information table. You have successfully narrowed the location scope for your HA.



## Workers

1. To add a list of workers to the HA, click on the “[Workers](#)” tab.
2. Next, click “[Add Workers](#)”.



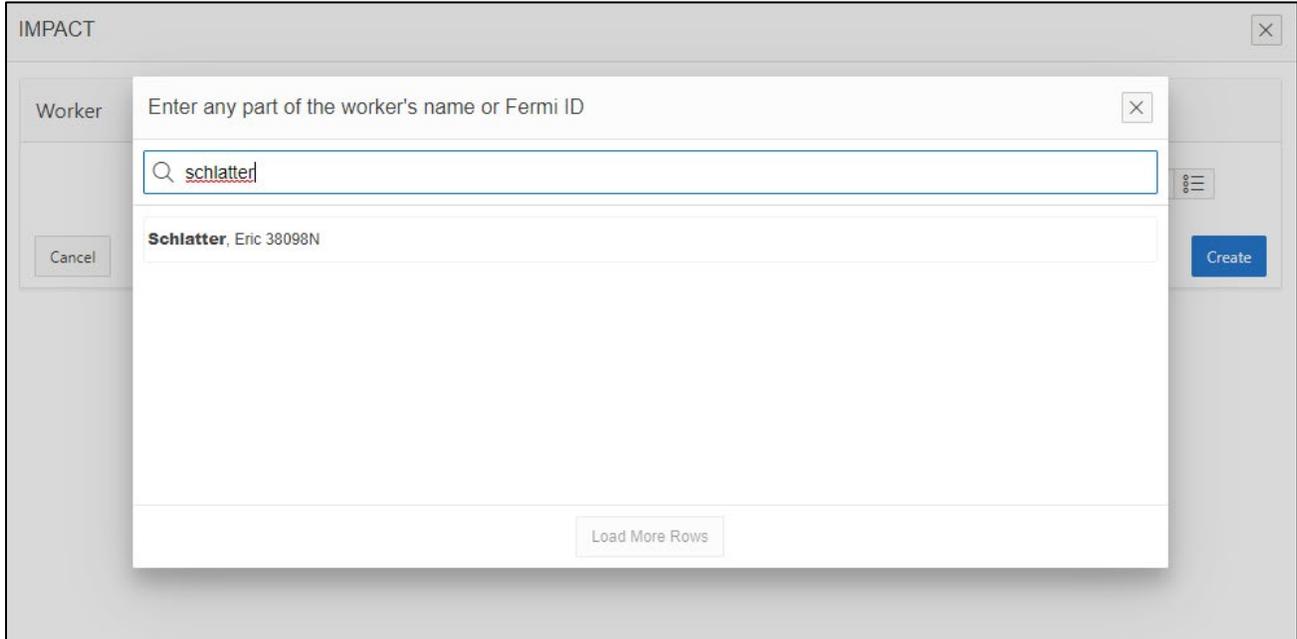
The screenshot shows the IMPACT DB interface for a Hazard Analysis (Form 2020-2549). The 'Additional Form Information' section is active, and the 'Workers' tab is selected. A search bar is present with a magnifying glass icon and the text 'No data found.' The 'Add Workers' button is highlighted with a red box.

3. Click the list icon next to the “[Worker](#)” field.



The screenshot shows the IMPACT DB 'Worker' form. The 'Worker' field is highlighted with a red box, and the list icon next to it is also highlighted with a red box. The form includes a 'Cancel' button and a 'Create' button.

- Search using employee name or Fermilab ID in the search field and select the appropriate employee name.



IMPACT

Worker

Enter any part of the worker's name or Fermi ID

Q schlatter

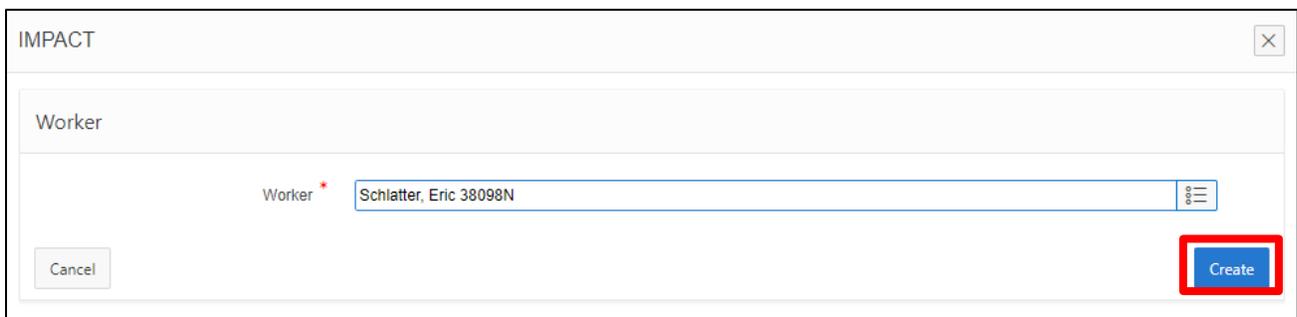
**Schlatter, Eric 38098N**

Cancel

Create

Load More Rows

- When done, click “Create”.



IMPACT

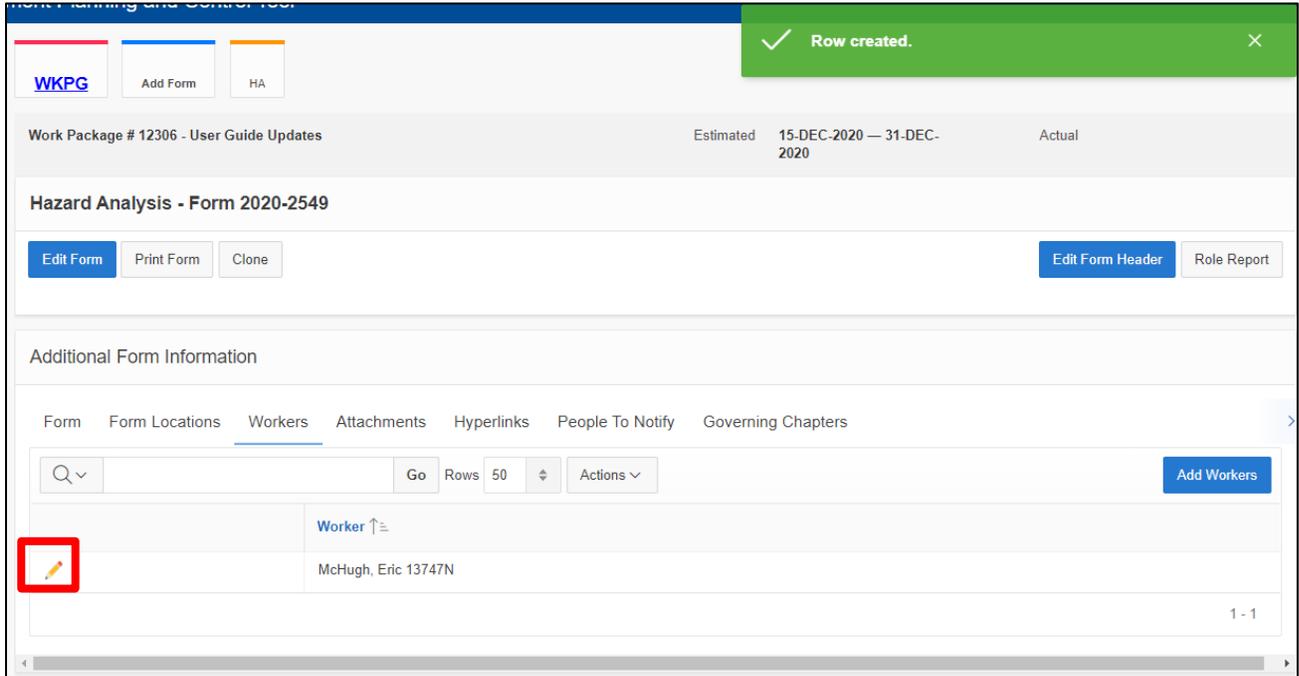
Worker

Worker \* Schlatter, Eric 38098N

Cancel

Create

- The worker has successfully been added to the list. To add more workers, follow the same process.
- To delete a worker from the list, click on the edit icon next to the employee's name.



Row created.

WKPG Add Form HA

Work Package # 12306 - User Guide Updates Estimated 15-DEC-2020 — 31-DEC-2020 Actual

Hazard Analysis - Form 2020-2549

Edit Form Print Form Clone Edit Form Header Role Report

Additional Form Information

Form Form Locations Workers Attachments Hyperlinks People To Notify Governing Chapters

Q Go Rows 50 Actions Add Workers

Worker ↑

McHugh, Eric 13747N

1 - 1

- Next, click “Delete”.



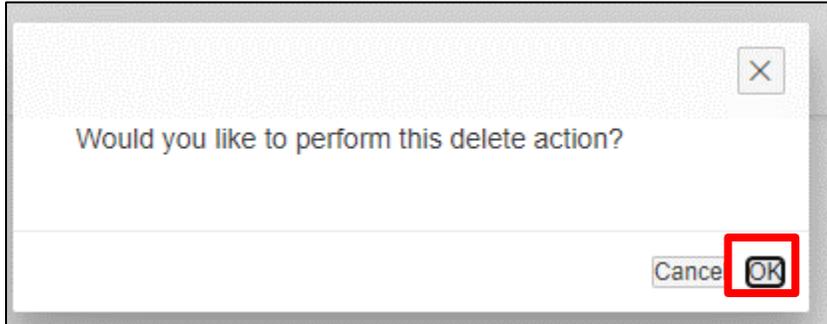
IMPACT

Worker

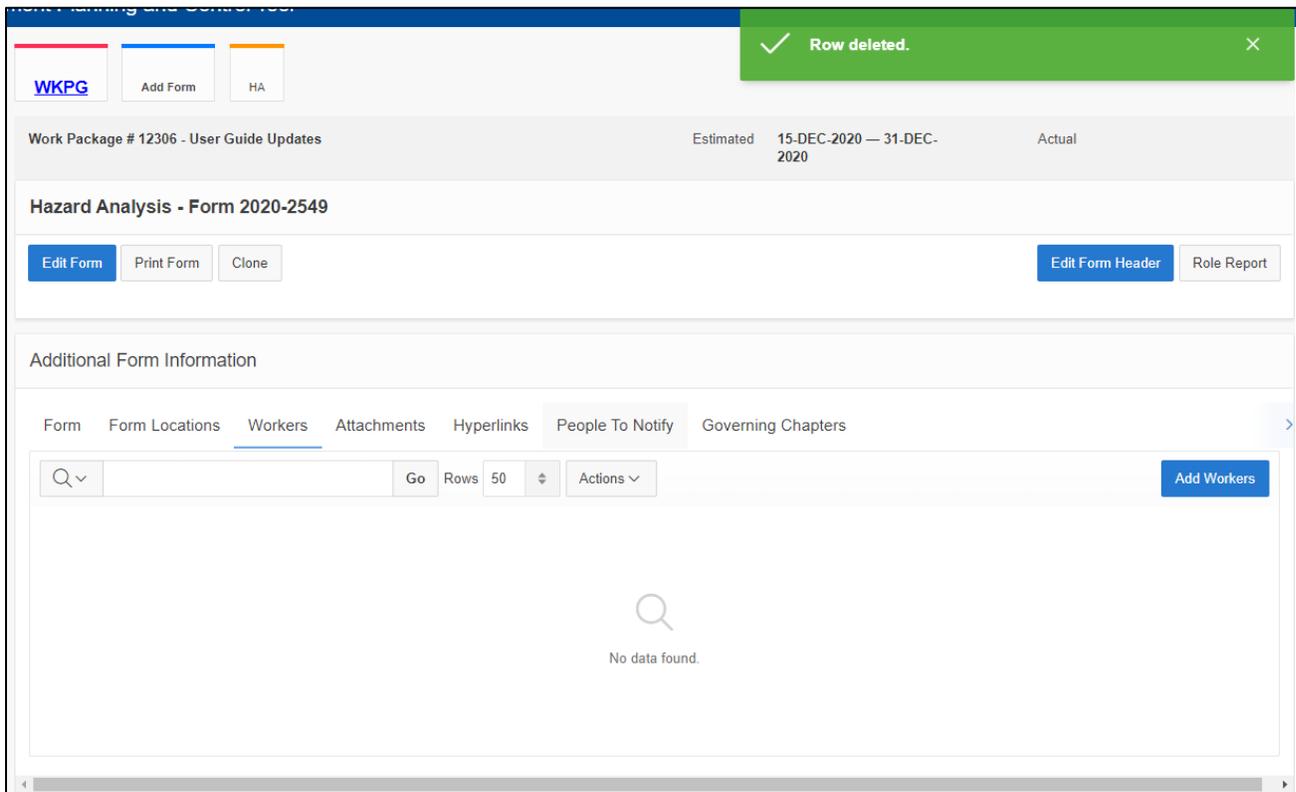
Worker \* Schlatter, Eric 38098N

Cancel Delete Apply Changes

9. Click “OK”.

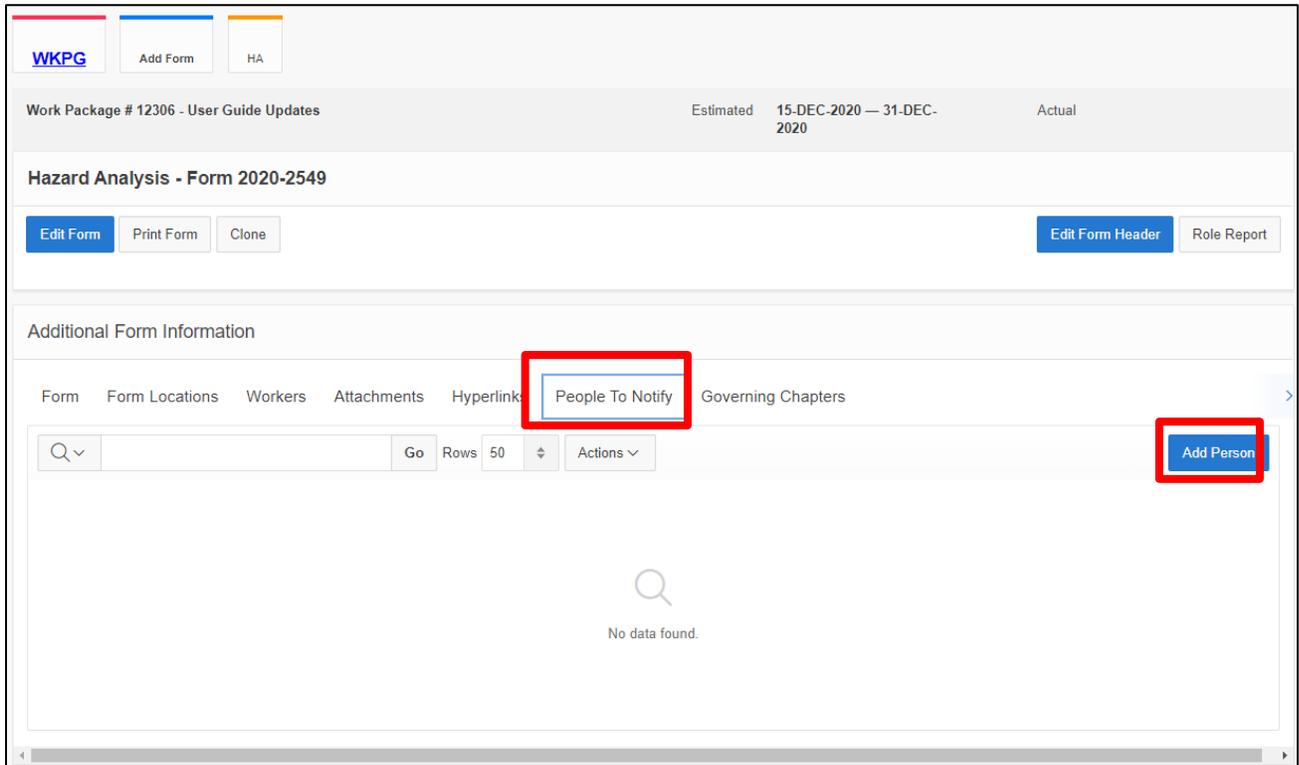


10. The worker has successfully been deleted from the list.



## People to Notify

1. To add people to an automatic notification list that will receive an email when the HA has been approved, click on the “[People to Notify](#)” tab.
2. Next, click “[Add Person](#)”.



The screenshot shows the IMPACT DB interface for a Hazard Analysis form. At the top, there are tabs for 'WKPG', 'Add Form', and 'HA'. Below this, the form title is 'Hazard Analysis - Form 2020-2549'. A navigation bar includes 'Edit Form', 'Print Form', 'Clone', 'Edit Form Header', and 'Role Report'. Under 'Additional Form Information', several tabs are visible: 'Form', 'Form Locations', 'Workers', 'Attachments', 'Hyperlink', 'People To Notify' (highlighted with a red box), and 'Governing Chapters'. Below the tabs is a search bar with a magnifying glass icon and a 'Go' button. To the right of the search bar is an 'Add Person' button, also highlighted with a red box. The main content area shows 'No data found.' with a magnifying glass icon.

3. Click the list icon next to the “[Person](#)” field.



The screenshot shows a dialog box titled 'IMPACT' with a close button in the top right corner. The main heading is 'Person To Notify'. Below this is a text input field labeled 'Person' with a red asterisk indicating a required field. To the right of the input field is a list icon (three horizontal lines) highlighted with a red box. At the bottom left is a 'Cancel' button, and at the bottom right is a 'Create' button.

4. Search using employee name or Fermilab ID in the search field and select the appropriate employee name.

Enter any portion of the name or Fermi ID ✕

  
**Schlatter, Eric 38098N**

5. Click “Create”.

IMPACT ✕

Person To Notify

Person \* Schlatter, Eric 38098N ⋮

Cancel Create

6. The person has been successfully added to the automatic notification list.
7. To delete a person from the automatic notification list, click the edit icon next to their name.

Row created. ✕

WKPG Add Form HA

Work Package # 12306 - User Guide Updates Estimated 15-DEC-2020 — 31-DEC-2020 Actual

Hazard Analysis - Form 2020-2549

Edit Form Print Form Clone Edit Form Header Role Report

Additional Form Information

Form Form Locations Workers Attachments Hyperlinks People To Notify Governing Chapters

Q Go Rows 50 Actions Add Person

Person
Schlatter, Eric 38098N

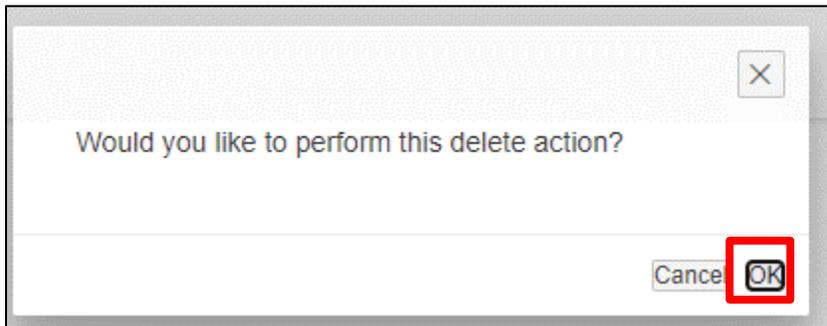
1 - 1

8. Next, click “Delete”.



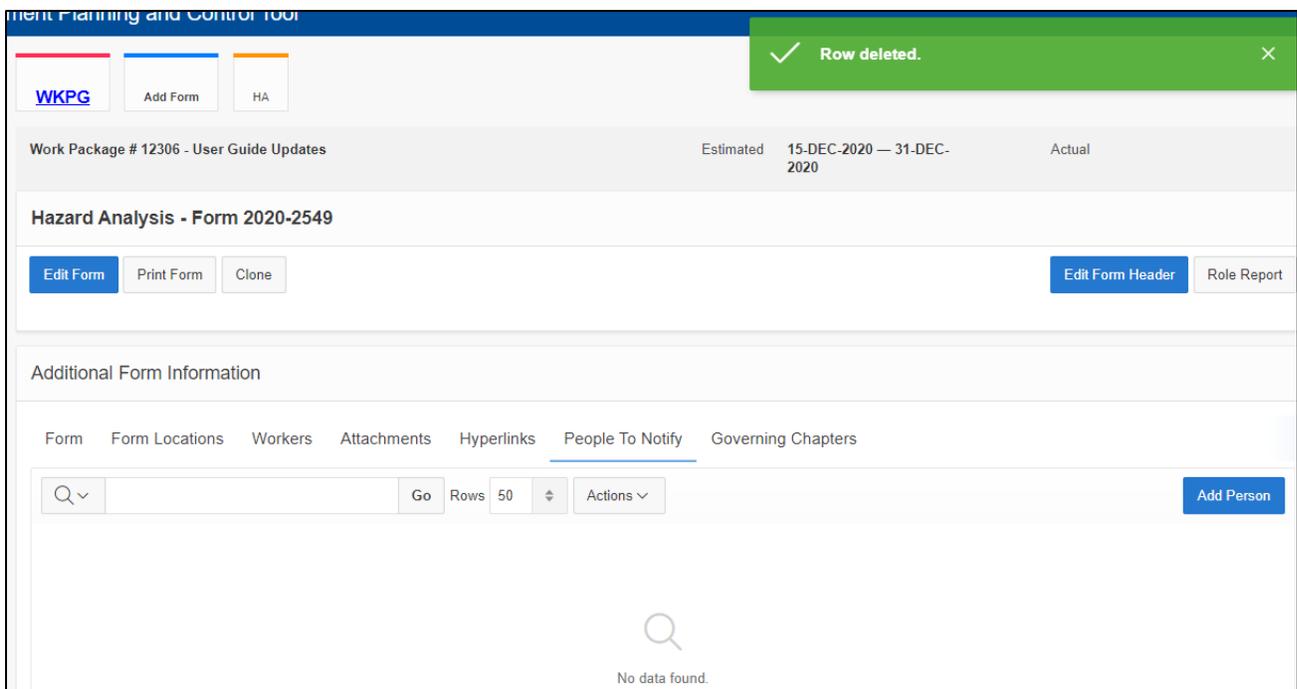
The dialog box is titled "IMPACT" and has a close button in the top right corner. It contains a section labeled "Person To Notify" with a text input field containing "Schlatter, Eric 38098N" and a red asterisk next to the label "Person". Below the input field are three buttons: "Cancel", "Delete" (highlighted with a red box), and "Apply Changes".

9. Click “OK”.



The dialog box asks "Would you like to perform this delete action?". It has a close button in the top right corner and two buttons at the bottom: "Cancel" and "OK" (highlighted with a red box).

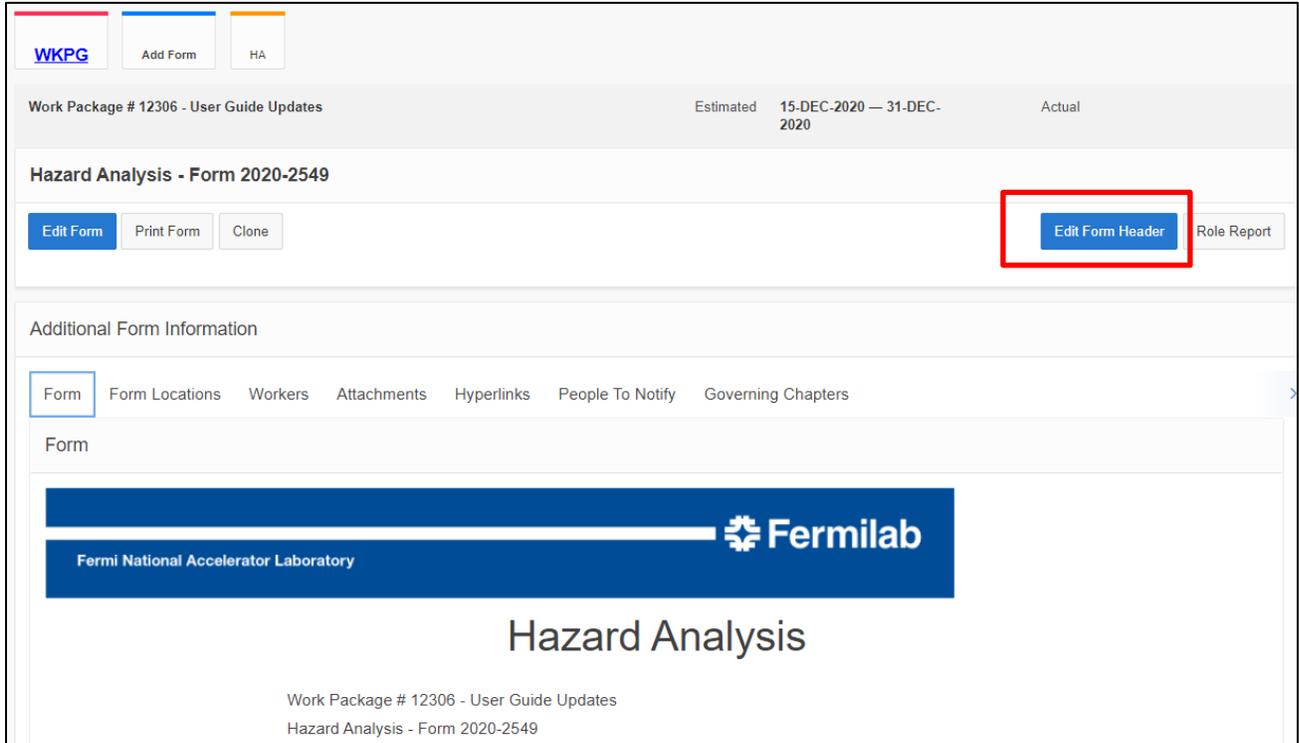
10. The person has been successfully removed from the automatic notification list.



The main interface shows a green notification banner at the top right that says "Row deleted." with a checkmark and a close button. Below the banner, there are tabs for "WKPG", "Add Form", and "HA". The main content area displays "Work Package # 12306 - User Guide Updates" with estimated dates "15-DEC-2020 — 31-DEC-2020" and an "Actual" column. Below this is "Hazard Analysis - Form 2020-2549" with buttons for "Edit Form", "Print Form", "Clone", "Edit Form Header", and "Role Report". A section titled "Additional Form Information" has tabs for "Form", "Form Locations", "Workers", "Attachments", "Hyperlinks", "People To Notify" (selected), and "Governing Chapters". Below the tabs is a search bar with a "Go" button, "Rows 50", and an "Actions" dropdown. A blue "Add Person" button is on the right. At the bottom, a magnifying glass icon and the text "No data found." are visible.

## HOW TO SUBMIT HA TO WORKFLOW

1. To submit your HA to workflow for review and approval, on the HA screen you are required to first click on “[Edit Form Header](#)”.

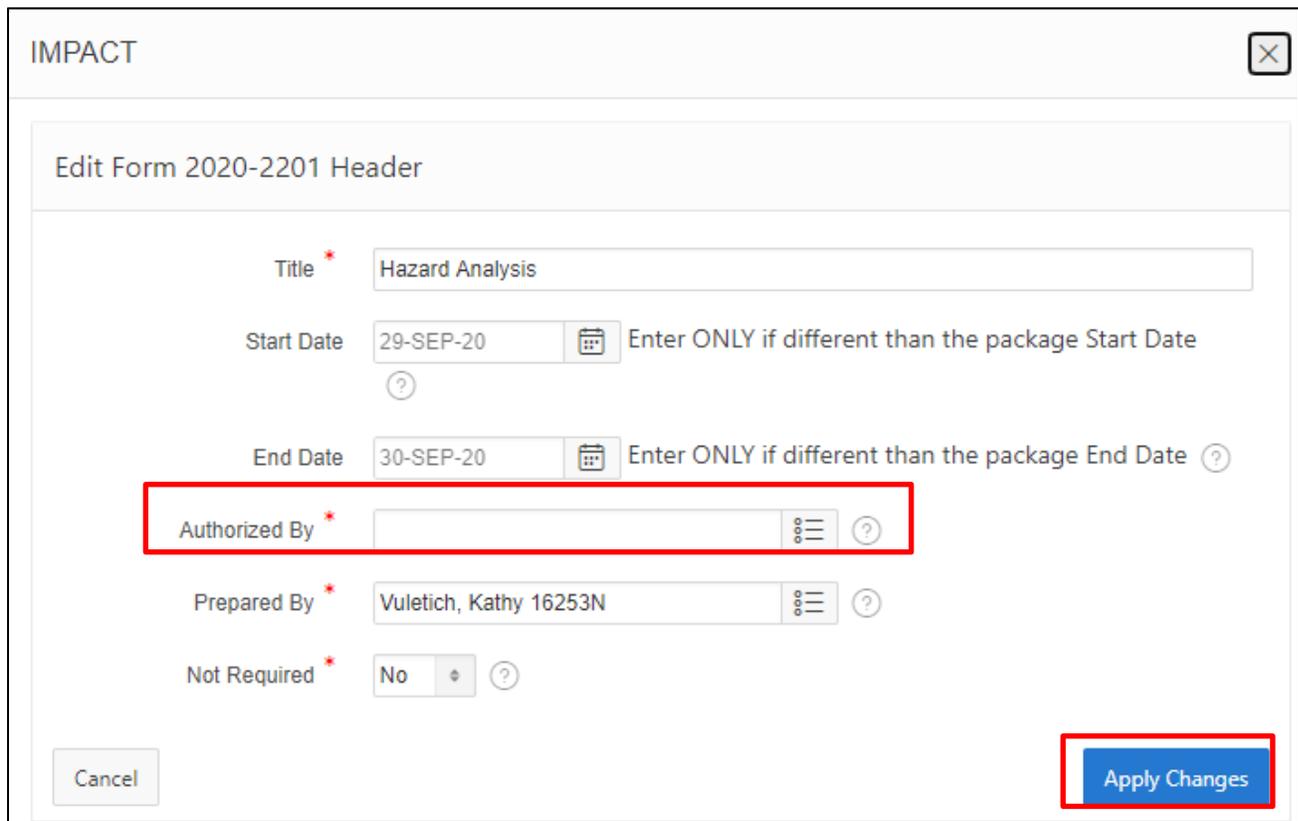


The screenshot shows the IMPACT DB interface for a Hazard Analysis (HA) form. At the top, there are tabs for 'WKPG', 'Add Form', and 'HA'. Below the tabs, the work package is identified as 'Work Package # 12306 - User Guide Updates' with an estimated period of '15-DEC-2020 — 31-DEC-2020'. The main title of the form is 'Hazard Analysis - Form 2020-2549'. A row of action buttons includes 'Edit Form', 'Print Form', 'Clone', and 'Edit Form Header' (which is highlighted with a red box), along with a 'Role Report' link. Below this is the 'Additional Form Information' section, which has a sub-menu with options like 'Form', 'Form Locations', 'Workers', 'Attachments', 'Hyperlinks', 'People To Notify', and 'Governing Chapters'. The 'Form' sub-menu is selected, showing a preview of the form header. The header features the Fermilab logo and the text 'Fermi National Accelerator Laboratory' above the main title 'Hazard Analysis'. At the bottom of the preview, the work package and form ID are repeated.

2. The dialog box below will appear. Choose an Authorizing Supervisor by clicking the list icon next to the “Authorized By” field and select the appropriate person from the employee directory.

**NOTE: This is REQUIRED to be able to submit your HA to workflow.**

3. There are other fields you also may update on this screen.
  - a. **Title** – You may enter a unique title for your Hazard Analysis, or leave as-is.
  - b. **Start Date / End Date** – You may change the start and end dates of when this HA is applicable. They may differ from the work package dates you entered. Otherwise leave as-is. Changing these dates will only affect this HA, not the work package dates.
  - c. **Prepared By** – You may change the person who prepared the HA and enter their name here, if it is different than the TM/CC/SC/Owner. Otherwise leave as-is.
  - d. **Not Required** – This field shall only be changed to “Yes” if you already have a paper copy of an HA from a sub-contractor, or for another reason and you are not required to complete the electronic HA.



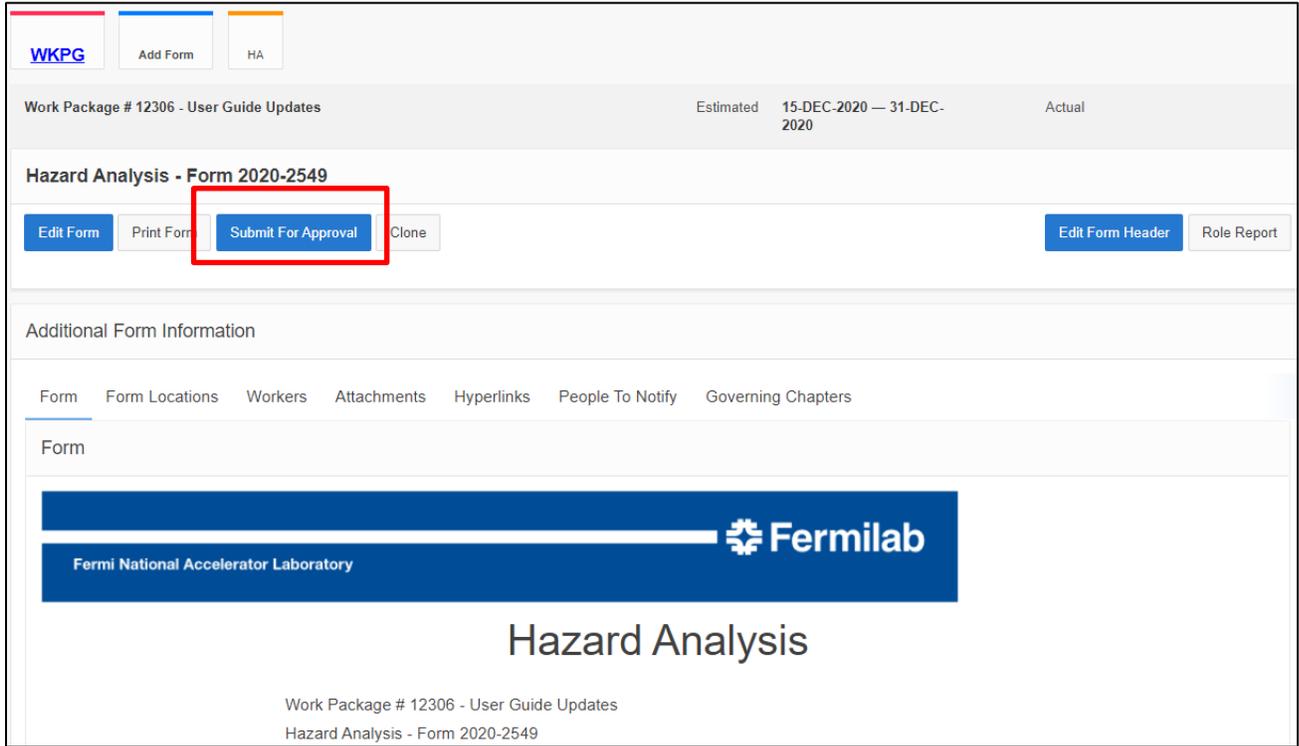
The screenshot shows a dialog box titled "IMPACT" with a close button in the top right corner. Below the title bar is the text "Edit Form 2020-2201 Header". The form contains several fields:

- Title \***: A text input field containing "Hazard Analysis".
- Start Date**: A date picker showing "29-SEP-20" with a calendar icon and a help icon. A note says "Enter ONLY if different than the package Start Date".
- End Date**: A date picker showing "30-SEP-20" with a calendar icon and a help icon. A note says "Enter ONLY if different than the package End Date".
- Authorized By \***: A dropdown menu that is currently empty, with a list icon and a help icon. This field is highlighted with a red box.
- Prepared By \***: A dropdown menu showing "Vuletich, Kathy 16253N" with a list icon and a help icon.
- Not Required \***: A dropdown menu showing "No" with a plus icon and a help icon.

At the bottom left is a "Cancel" button, and at the bottom right is a blue "Apply Changes" button, which is highlighted with a red box.

4. When complete, click “Apply Changes”.

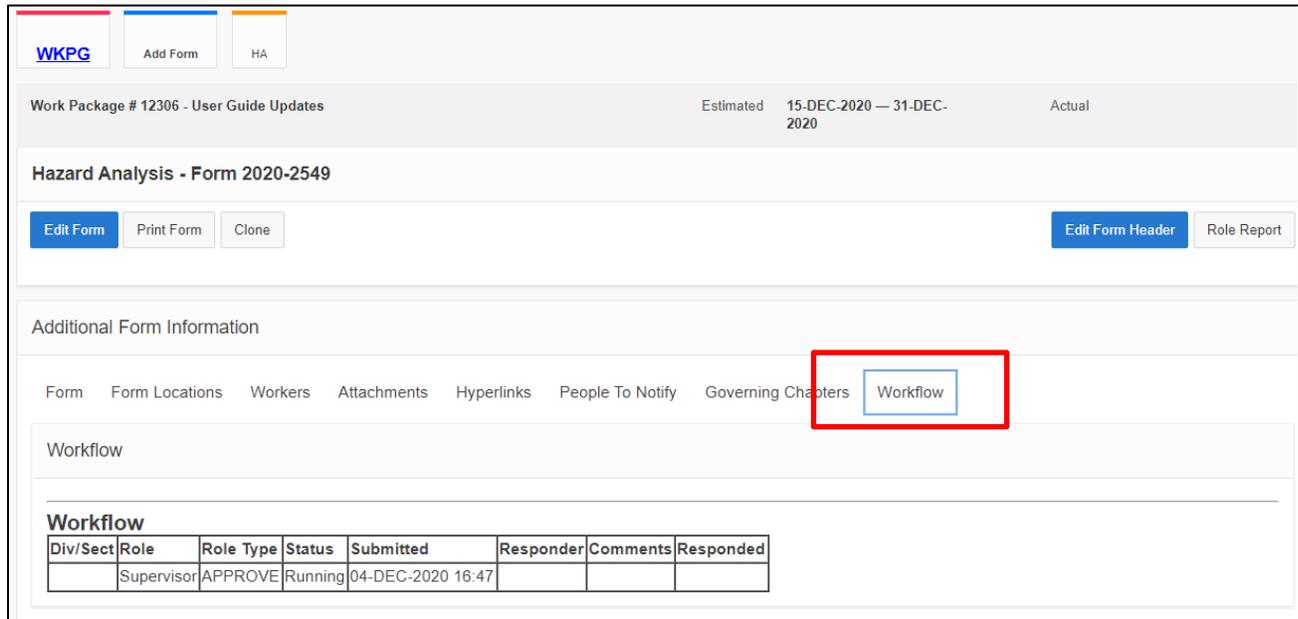
5. A new blue button will appear on your HA screen. To submit your HA to workflow for review click on “[Submit For Approval](#)”.



The screenshot shows the IMPACT DB interface for a Hazard Analysis form. At the top, there are tabs for 'WKPG', 'Add Form', and 'HA'. Below this, the 'Work Package # 12306 - User Guide Updates' is displayed with an estimated date range of '15-DEC-2020 — 31-DEC-2020' and an 'Actual' status. The main title is 'Hazard Analysis - Form 2020-2549'. A row of action buttons includes 'Edit Form', 'Print Form', 'Submit For Approval' (highlighted with a red box), and 'Clone'. To the right are 'Edit Form Header' and 'Role Report' buttons. Below the form title is a section for 'Additional Form Information' with tabs for 'Form', 'Form Locations', 'Workers', 'Attachments', 'Hyperlinks', 'People To Notify', and 'Governing Chapters'. The 'Form' tab is active, showing a blue header with the Fermilab logo and 'Fermi National Accelerator Laboratory'. The main content area displays 'Hazard Analysis' and the work package information at the bottom.

- The Workflow Status will update to “Submitted” on the HA, and a new tab “Workflow” will appear.

**NOTE: The “Workflow” tab will take approximately 5 minutes to appear. Refresh the screen to ensure it appears.**



The screenshot shows the IMPACT DB interface for a Hazard Analysis (HA) form. At the top, there are tabs for 'WKPG', 'Add Form', and 'HA'. Below this, the 'Work Package # 12306 - User Guide Updates' is displayed with estimated dates from 15-DEC-2020 to 31-DEC-2020. The main section is titled 'Hazard Analysis - Form 2020-2549' and includes buttons for 'Edit Form', 'Print Form', 'Clone', 'Edit Form Header', and 'Role Report'. Under 'Additional Form Information', a navigation menu includes 'Form', 'Form Locations', 'Workers', 'Attachments', 'Hyperlinks', 'People To Notify', 'Governing Chapters', and 'Workflow', with the 'Workflow' tab highlighted in a red box. Below the menu is a 'Workflow' table with the following data:

Div/Sect	Role	Role Type	Status	Submitted	Responder	Comments	Responded
	Supervisor	APPROVE	Running	04-DEC-2020 16:47			

- Emails to SMEs and your supervisor will automatically be sent from IMPACT indicating they have an action to perform.

- As people complete their reviews, the Workflow table will update with the status, who responded, any comments they have provided, and a timestamp when the action was completed.

Workflow							
Div/Sect	Role	Role Type	Status	Submitted	Responder	Comments	Responded
	WPC_Industrial_Hygiene	REVIEW	Reviewed	16-Apr-2020 16:34	Vuletich, Kathy	Here are where you enter in comments. These will be provided via automatic email to the TM/CC/SC/ Work Planner that submitted the HA for approval.	17-Apr-2020 13:35
	Supervisor	APPROVE	Running	17-Apr-2020 13:33			

- If the HA is approved, you will receive an automatic email alerting you the HA has been approved. The email contains a link to your HA and includes comments provided by all reviewers and approvers. See below.

DSOs, and anyone on the automatic notification list (People to Notify) will also receive an email with a link to the approved HA.

-----Original Message-----

From: [NO-REPLY-ESHQ@fnal.gov](mailto:NO-REPLY-ESHQ@fnal.gov) <[NO-REPLY-ESHQ@fnal.gov](mailto:NO-REPLY-ESHQ@fnal.gov)>

Sent: Friday, April 17, 2020 1:43 PM

To: Eric D McHugh <[emchugh@fnal.gov](mailto:emchugh@fnal.gov)>

Subject: IMPACT - 2020-1184 Hazard Analysis Approved

Dear Eric McHugh,

Form "Hazard Analysis" was approved for IMPACT Work Package #11023 "using the crane in the Numi shaft".  
The work is scheduled from 30-APR-20 to 27-APR-30.

The TM/CC/SC/Work Planner is: James Zahurones

IMPACT URL: [https://www-esh.fnal.gov/pls/cert/wpc.reports.prt\\_form?fid=1184](https://www-esh.fnal.gov/pls/cert/wpc.reports.prt_form?fid=1184).

Comments

Approved by Kelly, Frankie [Supervisor] From reviewing the document I feel that all possible hazards have be considered.

For any issues, concerns or questions, please contact the service desk at <http://servicedesk.fnal.gov>

10. If the HA is rejected for any reason, you will receive an automatic communication email from IMPACT indicating the HA has been rejected.

See the “How to Clone a Hazard Analysis” section on how to resubmit your reject HA to the workflow.



## Workflow Status

The workflow “Status” field in the Workflow table will update as actions are completed.

**Running** – This indicates the workflow has emailed the role and they have not yet responded to their workflow item.

**Pending** – This indicates the workflow has not yet started for this role and the system has not yet initiated an email.

**Reviewed** – The role has completed their step in the workflow and reviewed the HA.

**Approved** – The role has completed their step in the workflow and approved the HA.

**Rejected** – The role has completed their step in the workflow and rejected the HA.

**Terminated** – This indicates the workflow was terminated before it got to this step. This occurs when the HA has been rejected by another role in the workflow.

## Role Report – People in the Workflow

To see specifically who has a step in the workflow process, for example to see who the Supervisor is, or the Industrial Hygiene role, click on the “[Role Report](#)” button in the upper right corner of the HA screen.



The screenshot shows the top navigation bar with 'WKPG', 'Add Form', and 'HA' buttons. Below this, it displays 'Work Package # 12306 - User Guide Updates' with estimated dates from 15-DEC-2020 to 31-DEC-2020. The main title is 'Hazard Analysis - Form 2020-2549'. At the bottom, there are buttons for 'Edit Form', 'Print Form', 'Clone', 'Edit Form Header', and 'Role Report'. The 'Role Report' button is highlighted with a red rectangular box.

A list of people involved in the workflow process will show in the “Worker” column.

Role ↑	Org	Worker	Source	Reason	Edit	Review	Approve	Notify
SSO	FE	Arena, Matt 10089N	Master Form	Hazard Analysis	Yes	No	No	Yes
SSO - Location	FE	Arena, Matt 10089N	Form	Location	No	No	No	Yes
SSO - Performed On	ES	Arena, Matt 10089N	Package	Performed On	No	No	No	Yes
Supervisor	ES	Vuletich, Kathy 16253N	Authorizing	Required by Mgmt	Yes	No	Yes	Yes
TM/CC/SC/Owner	ES	Vuletich, Kathy 16253N	Package	Required by Mgmt	No	No	No	Yes
User	ES	Schlatter, Eric 38098N	Prepared By	Required by Mgmt	Yes	No	No	Yes

1 - 6

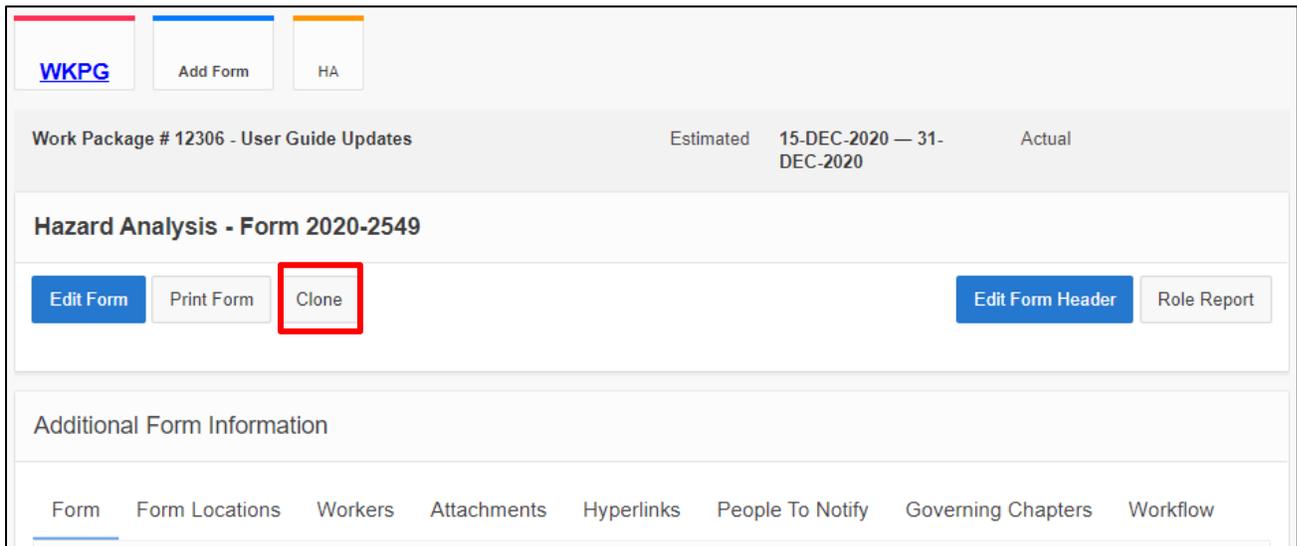
## HOW TO CLONE A HAZARD ANALYSIS

1. Click the “[Clone](#)” button from the HA you wish to make a copy of. Cloning creates an exact copy of the original HA and assigns it a new Form number. Cloning can be used to create multiple HAs quickly within the same work package, or it can be used to resubmit a rejected HA to workflow.

Some features like People to Notify may have to be completed again. Verify all information is correct before submitting to workflow.

### Rejected HAs -

The IMPACT system will not automatically re-open the HA for resubmittal when it has been rejected. To resubmit, click the “[Clone](#)” button from the HA you wish to resubmit for approval and then make the appropriate changes to the HA before resubmitting.



The screenshot shows the IMPACT system interface for a Hazard Analysis (HA) form. At the top, there are tabs for 'WKPG', 'Add Form', and 'HA'. Below this, the work package is identified as 'Work Package # 12306 - User Guide Updates' with an estimated completion date of '15-DEC-2020 — 31-DEC-2020'. The main title is 'Hazard Analysis - Form 2020-2549'. A row of buttons includes 'Edit Form', 'Print Form', 'Clone' (highlighted with a red box), 'Edit Form Header', and 'Role Report'. Below the buttons is a section for 'Additional Form Information' with a horizontal menu containing 'Form', 'Form Locations', 'Workers', 'Attachments', 'Hyperlinks', 'People To Notify', 'Governing Chapters', and 'Workflow'.

2. The system has created a copy of the original HA you submitted for approval. The HA is ready to be revised with all original content copied to the new HA.

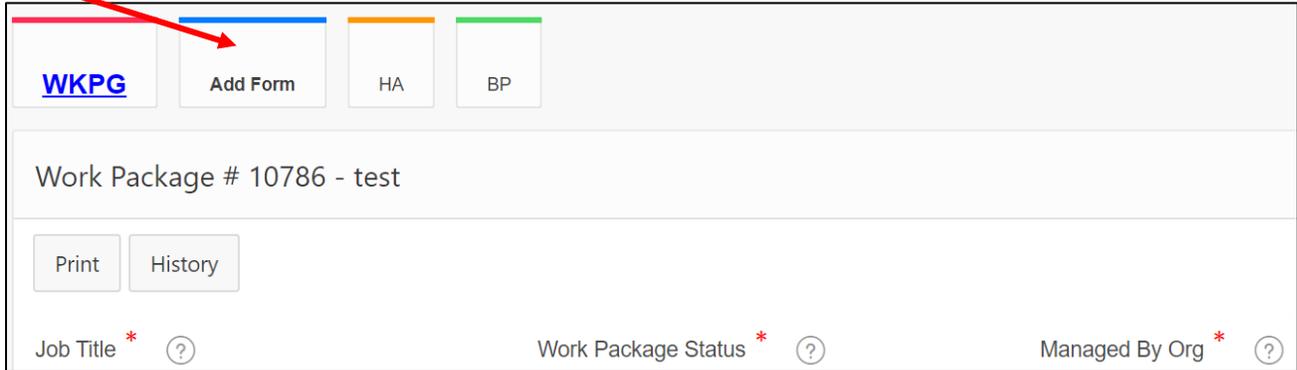
3. When updates have been completed, to submit the new HA click “[Submit For Approval](#)”.



This screenshot is similar to the previous one, showing the same interface for 'Hazard Analysis - Form 2020-2549'. In this view, the 'Submit For Approval' button is highlighted with a red box, indicating the next step in the process. The 'Clone' button is no longer highlighted.

## HOW TO ADHOC ADD A PERMIT

1. From the work package, click on “[Add Form](#)” tab.

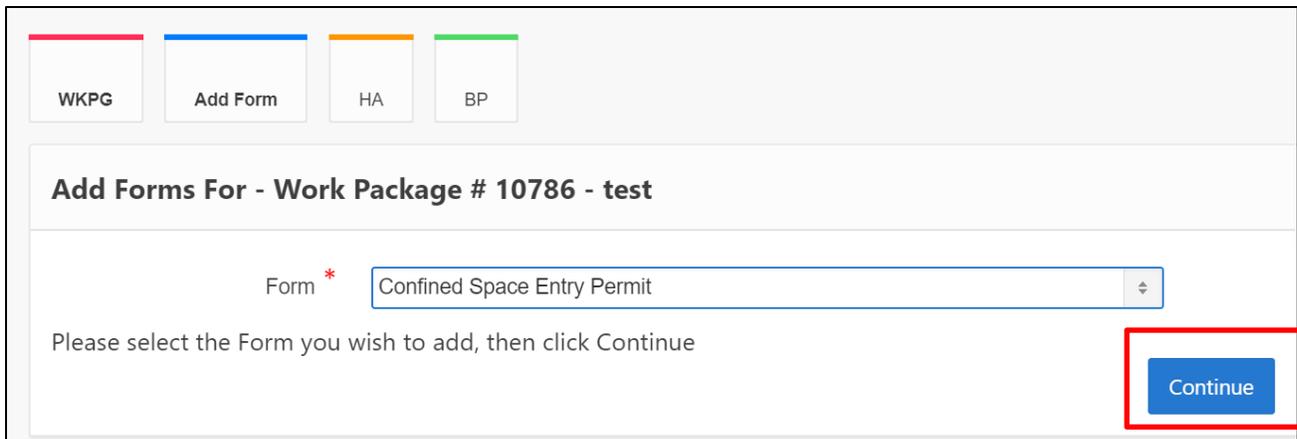


[WKPG](#) **Add Form** [HA](#) [BP](#)

Work Package # 10786 - test

Job Title \*  
 Work Package Status \*  
 Managed By Org \*

2. Select the form from the dropdown list you wish to add to your work package.
3. Click “[Continue](#)”.



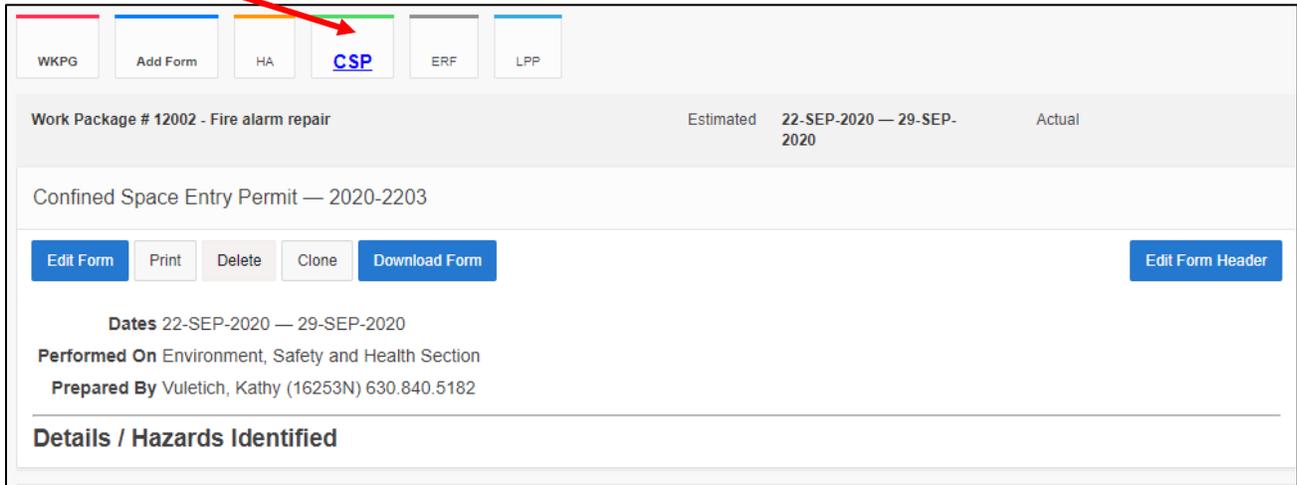
[WKPG](#) **Add Form** [HA](#) [BP](#)

**Add Forms For - Work Package # 10786 - test**

Form \*

Please select the Form you wish to add, then click Continue

- The work package adds a new tab for the permit you selected, and takes you to that tab.



The screenshot shows a web interface with a top navigation bar containing tabs: WKPG, Add Form, HA, **CSP** (highlighted with a red arrow), ERF, and LPP. Below the tabs, the main content area displays:

- Work Package # 12002 - Fire alarm repair
- Estimated 22-SEP-2020 — 29-SEP-2020
- Actual
- Confined Space Entry Permit — 2020-2203
- Buttons: Edit Form, Print, Delete, Clone, Download Form, Edit Form Header
- Dates 22-SEP-2020 — 29-SEP-2020
- Performed On Environment, Safety and Health Section
- Prepared By Vulecich, Kathy (16253N) 630.840.5182
- Section: Details / Hazards Identified

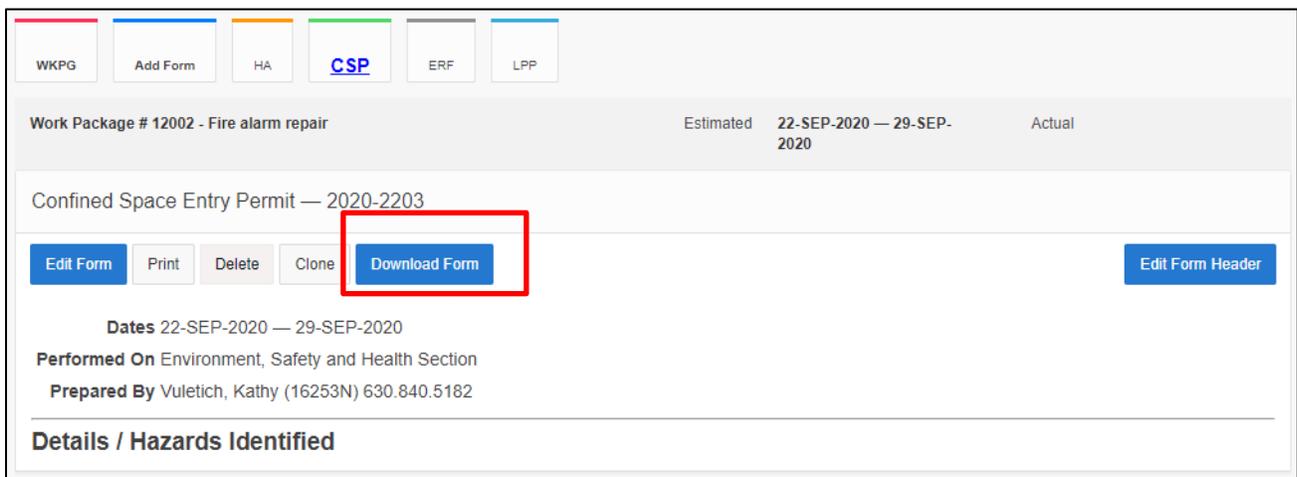
## HOW TO DOWNLOAD / ACCESS A PERMIT

1. From any screen in your work package, click on the tab for the permit you wish to download.



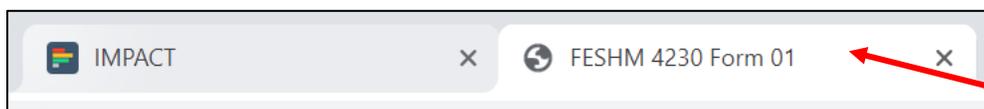
The screenshot shows the top navigation bar with tabs for WKPG, Add Form, HA, CSP, ERF, and LPP. A red arrow points to the CSP tab. Below the tabs, the 'Work Package 12002' section contains a 'Print' button, a 'Sign-off Sheet' button, a 'Cancel' button, and a 'Save' button. The 'Job Title' field is set to 'Fire alarm repair', the 'Work Package Status' is 'New', and the 'TM/CC/SC/Work Planner' is 'Schlatter, Eric (38098N) x5264 eschlatt@fnal.gov'.

2. Click on “Download Form”.

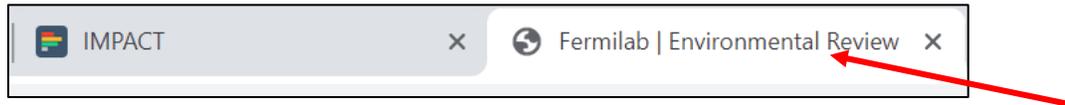


The screenshot shows the 'CSP' tab selected in the navigation bar. The main content area displays 'Work Package # 12002 - Fire alarm repair' with an estimated date range of '22-SEP-2020 — 29-SEP-2020'. Below this, the permit title is 'Confined Space Entry Permit — 2020-2203'. A red box highlights the 'Download Form' button in the action bar. Other buttons include 'Edit Form', 'Print', 'Delete', 'Clone', and 'Edit Form Header'. The permit details show 'Dates 22-SEP-2020 — 29-SEP-2020', 'Performed On Environment, Safety and Health Section', and 'Prepared By Vulecich, Kathy (16253N) 630.840.5182'. A section for 'Details / Hazards Identified' is visible at the bottom.

3. If the permit is in paper form, a new browser tab will open to a copy of the permit.



4. If the permit resides in an external DB, a new browser tab will open to the external DB.

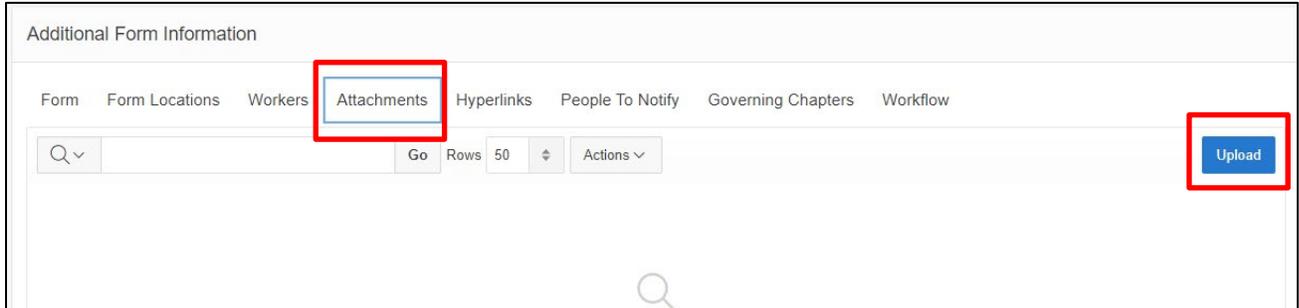


**NOTE:** Some permits are **NOT** able to go through the electronic workflow.

Please process permits and approvals of permits external to the IMPACT system as you have been.

## HOW TO ATTACH DOCUMENTS

1. On any tab in your work package, click “[Attachments](#)”. This will attach a document to that tab in the work package.
2. Click on “[Upload](#)”.



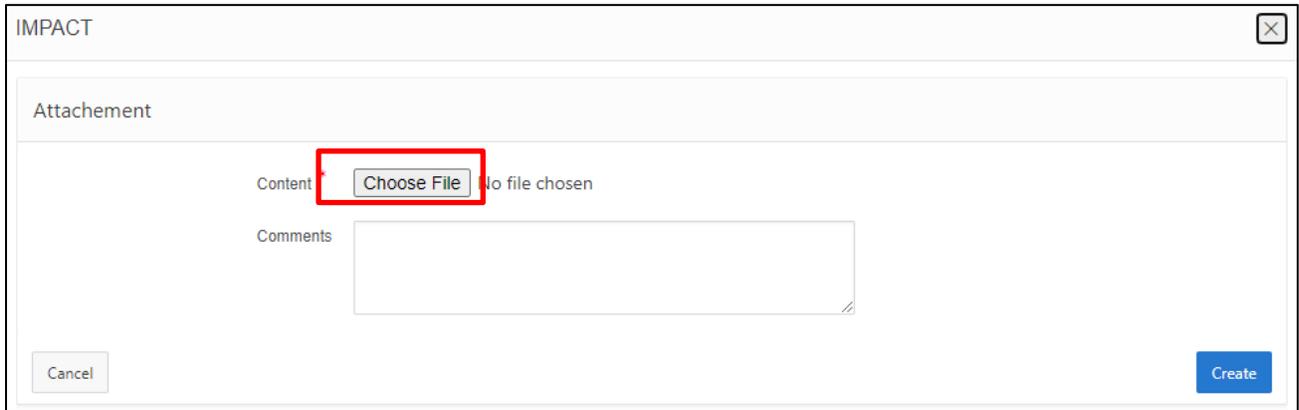
Additional Form Information

Form Form Locations Workers **Attachments** Hyperlinks People To Notify Governing Chapters Workflow

Go Rows 50 Actions

Upload

3. A box will appear. Click on “[Choose File](#)”.



IMPACT

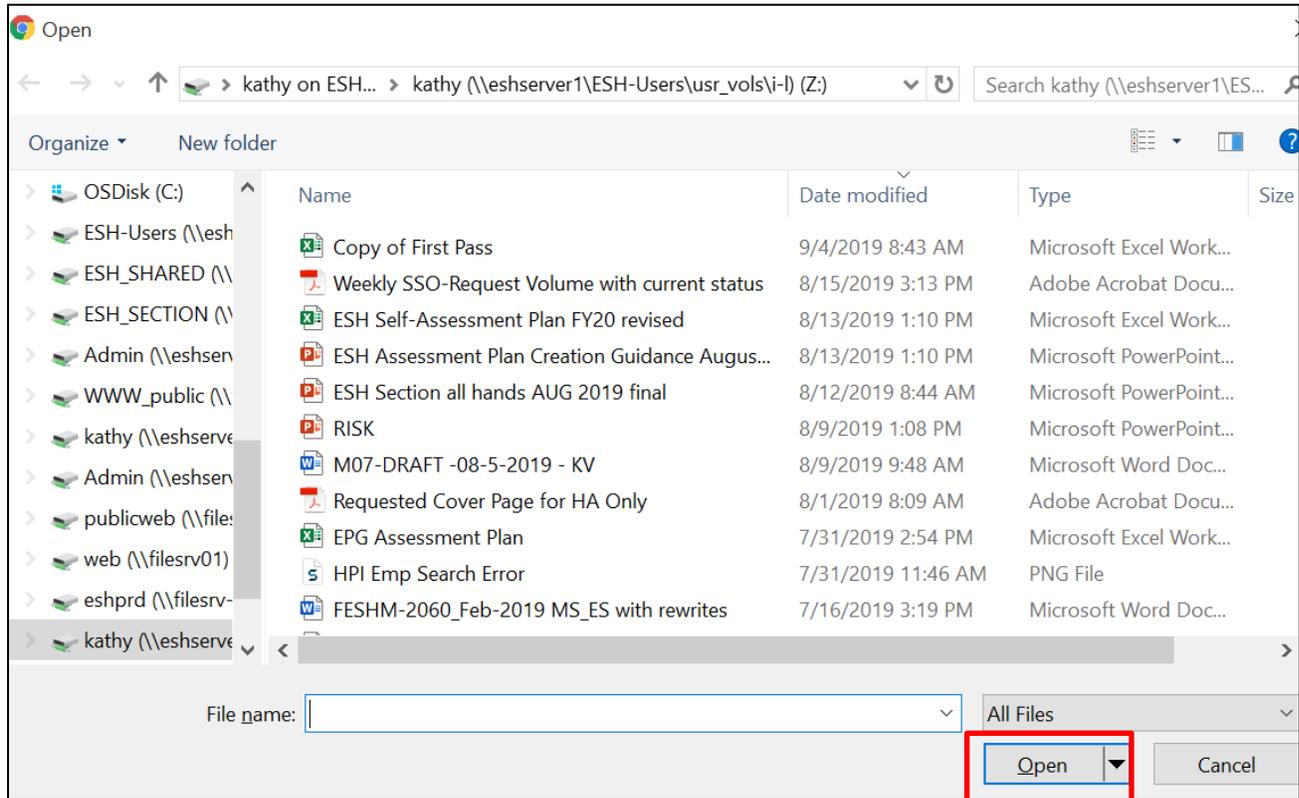
Attachement

Content **Choose File** No file chosen

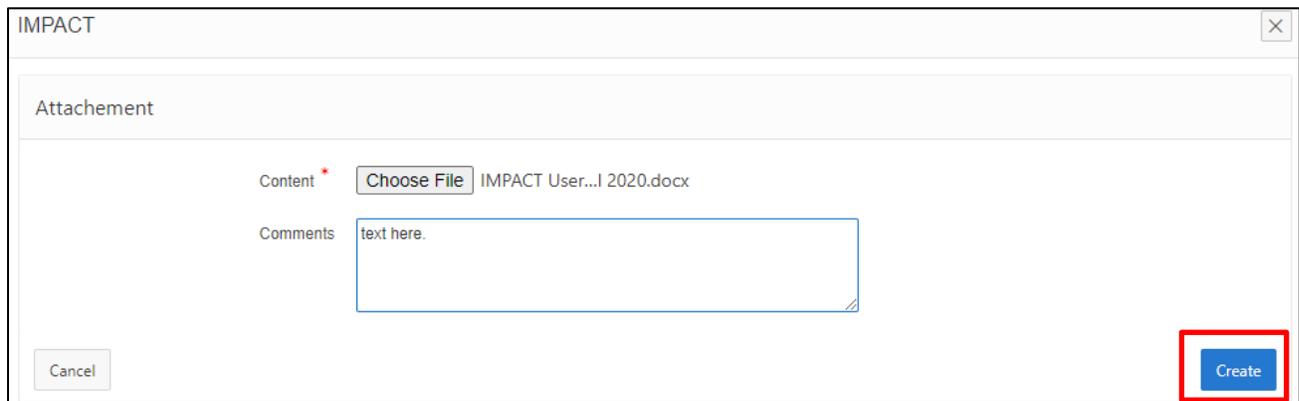
Comments

Cancel Create

4. Select the file from your computer to attach and click “Open”.



5. Enter a description in the text field – optional.
6. Click “Create”.



7. The file has been successfully attached and is visible in the table.
8. To download a copy, click on the Title of the document.
9. To delete an attachment, click on the edit icon next to the document.

Additional Form Information

Form   Form Locations   Workers   **Attachments**   Hyperlinks   People To Notify   Governing Chapters   Workflow

Rows 50

	Content	Comments
	Mini HA.docx	Attaching a file instructions

1 - 1

10. Click “Delete”.

IMPACT

Attachement

Content \*  No file chosen

Comments

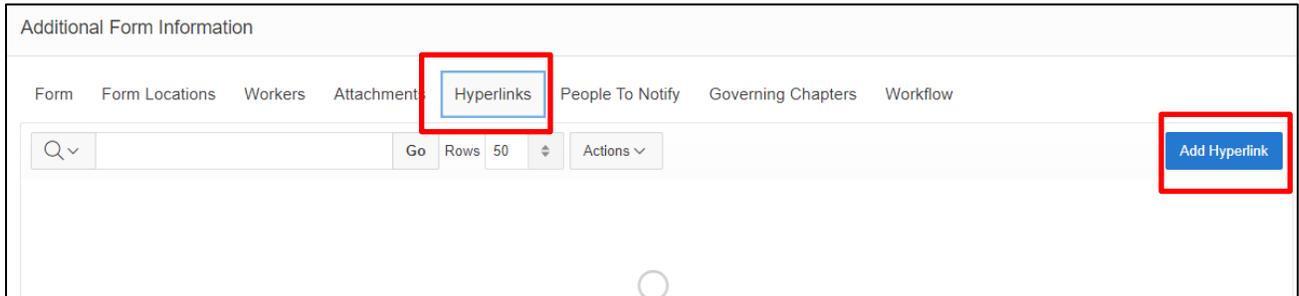
11. Click “OK”.

Would you like to perform this delete action?

12. The file has been successfully removed.

## HOW TO LINK TO WEB PAGES

1. On any tab in your work package scroll to the Additional Information table and click “[Hyperlinks](#)”. This will add a hyperlink to that tab.
2. Click on “[Add Hyperlink](#)”.



Additional Form Information

Form Form Locations Workers Attachment **Hyperlinks** People To Notify Governing Chapters Workflow

Go Rows 50 Actions

Add Hyperlink

3. A box will appear. Copy and paste the hyperlink URL into the “[URL](#)” field.
4. Add a description to the “[Text](#)” field.
5. Click “[Create](#)”.



IMPACT

Hyperlink

URL \*

Text \*

Cancel Create

6. The hyperlink has been successfully added.
7. To view the hyperlink, click on the title.
8. To delete the hyperlink, click on the edit icon next to the hyperlink.

Additional Form Information

Form   Form Locations   Workers   Attachments   Hyperlinks   People To Notify   Governing Chapters   Workflow

Rows 50

URL ↑
 Linking to a tab in your work package

1 - 1

9. Click “Delete”.

IMPACT

Hyperlink

URL \*

Text \*

10. Click “OK”.

Would you like to perform this delete action?

11. The hyperlink has been successfully removed.