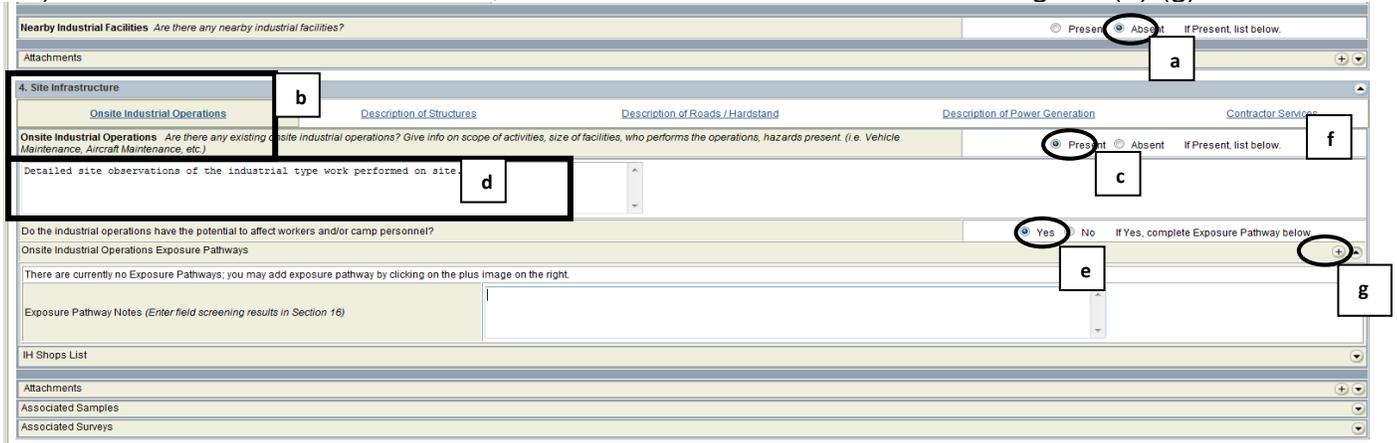
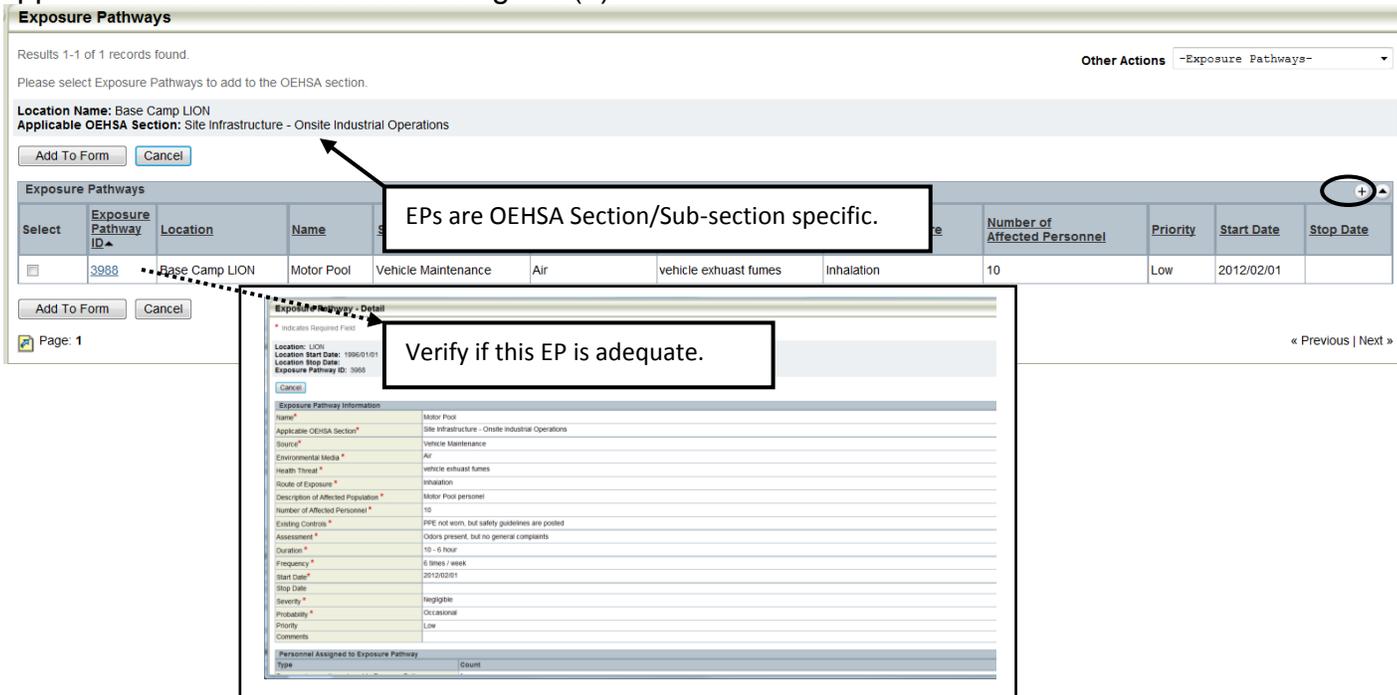


# OEHSA ex 2 (Onsite Industrial Operations) Site Observation and Exposure Pathway

[1] The Nearby Industrial Facilities (from Tile 3) are not at this location and indicated as Absent (a). However, the Site Infrastructure section (Tile 4) has observed Onsite Industrial Operations indicated in its corresponding Tab (i.e. sub-section) (b). The Onsite Industrial Operations must be indicated to be present if observed (c). The free text box should be as detailed as possible (d). Typically any Site Observations indicated as present (c) has a corresponding Exposure Pathway (EP) to be identified (e) though not always (i.e. Contractor services (f) have no inherent EP). If an EP is marked as Present, one must be selected or created using the (+) (g).



[2] After indicating an EP is present with the (+), the screen below is shown and a user can select one from the list to associate to that OEHSA's section/sub-section, OR they must create one. Here we see one EP has been made for this OEHSA's section/sub-section, BUT if not an applicable one must be added using the (+).



[3] The EP form should be carefully filled out to ensure proper documentation. *The data in this example is generic at best.* Document conditions as observed as thoroughly as possible!

The screenshot shows the 'Exposure Pathway Information' form. Callouts point to various fields with the following instructions:

- Each field should be carefully considered.
- An ID is generated after a Save a Continue.
- The Assessment field and Temporal (times) aspects are critical.
- The Priority/Risk is Professional Judgment.
- Personnel can be added via name and/or SSN if known (requires user role).
- Attachments/pictures can be added for further characterization.

The form includes fields for: Location (LION), Start/Stop Dates, Exposure Pathway ID (3988), Name (Motor Pool), Applicable OEHS Section (Site Infrastructure - Onsite Industrial Operations), Source (Vehicle Maintenance), Environmental Media (Air), Health Threat (vehicle exhaust fumes), Route of Exposure (Inhalation), Description of Affected Population (Motor Pool personnel), Number of Affected Personnel (10), Existing Controls (PPE not worn, but safety guidelines are posted), Assessment (Odors present, but no general complaints), Duration (10 - 6 hour), Frequency (6 times / week), Start/Stop Dates (2012/02/01), Severity (Negligible), Probability (Occasional), and Priority (Low). A table at the bottom shows 'Personnel Assigned to Exposure Pathway' with columns for Type, Count, and Action.

[4] After completing the EP and obtaining an ID, use a Save [and exit] to get back to the screen in Step 2. Select the EP via the check box and click Add to Form.

The screenshot shows the 'Exposure Pathways Search Results' screen. A table lists the search results:

| Select                              | Exposure Pathway ID | Location       | Name       | Source              | Environmental Media | Health Threat         | Route of Exposure | Number of Affected Personnel | Priority | Start Date | Stop Date |
|-------------------------------------|---------------------|----------------|------------|---------------------|---------------------|-----------------------|-------------------|------------------------------|----------|------------|-----------|
| <input checked="" type="checkbox"/> | 3988                | Base Camp LION | Motor Pool | Vehicle Maintenance | Air                 | vehicle exhaust fumes | Inhalation        | 10                           | Low      | 2012/02/01 |           |

Callouts highlight the 'Add To Form' button and the checked selection box.

[5] The EP is now present in the OEHS. Remember to Save your work.

The screenshot shows the 'Onsite Industrial Operations' section of the OEHS Survey. It includes a table for 'Onsite Industrial Operations Exposure Pathways' with the following data:

| Select                   | Source              | Stop Date | Environ Media | Health Threat         | Route of Exposure | Number of Affected Personnel(#) | Existing Controls                              | Duration  | Frequency      | Severity   | Probability |
|--------------------------|---------------------|-----------|---------------|-----------------------|-------------------|---------------------------------|------------------------------------------------|-----------|----------------|------------|-------------|
| <input type="checkbox"/> | Vehicle Maintenance |           | Air           | vehicle exhaust fumes | Inhalation        | Motor Pool personnel(10)        | PPE not worn, but safety guidelines are posted | 10-6 week | 6 times / week | Negligible | Occasional  |

Callouts highlight the 'Add To Form' button and the table data.