

ITRCC MS4 JOBSITE INSPECTIONS





Why Jobsite Inspections?

- There are many different types Contractors as well as ITR employees working throughout the Indiana Toll Road.
- At times there can be multiple contractors, and/or ITR employees working on one jobsite at the same time.
- If a site is not managed properly, it can lead to many different types of hazards in the workplace.
- Jobsite Inspections can and do help eliminate hazardous situations, accidents, and injuries.
- Jobsite Inspections hold the Contractors and ITR employees accountable for their training, their work sites, and for the safety of the public at all times.



Hazards During Inspections



- If you notice a hazardous area or situation during your inspection, stop immediately, remove yourself from harms way, and report it as soon as possible.
- If a hazardous situation occurs, make sure all affected employees are notified and proper procedures are followed.
- If you feel 100% safe after reporting the hazard, temporarily secure or barricade the affected area if needed. If not, wait for help to arrive.
- Make sure no one other than authorized personnel enters that area.

Knowledge Check



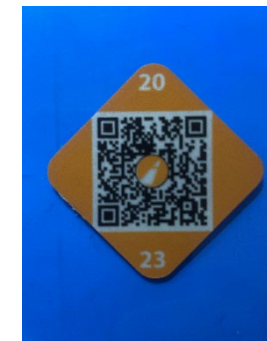
- 1.** If you notice a hazardous situation during your inspection, you should-
 - a. Report it after your inspection is complete.
 - b. Put some cones by it.
 - c. Stop immediately, remove yourself from harms way, and report it as soon as possible.
 - d. Leave a note on the supervisor's desk.

Jobsite Inspections- PPE & TRAINING



- Personal Protective Equipment & Contractor Safety Training

- Make sure all workers are wearing the appropriate PPE for the area they are working in, and the type of work being performed.
- Make sure all workers have been through ITR safety training and have their hard hat safety sticker visible.
- If they are working and have not been through the Contractor Safety Training, or involved in any other unsafe act, utilize your stop work authority card and have them and/or their supervisor contact the phone number on the back of the card immediately.
- Keep in mind if they are unable to reach the EHS Manager, who's number is on the back of the Stop Work Authority Card, that they can reach out to anyone from the EHS Team.



Jobsite Inspections- Safety Walk Throughs



- MS4 Walk Throughs

- Meeting Contractors on site prior to the start of work plays a major part in getting the work area safe for everyone.
- Make a list of all things that can be a hazardous to individuals or the environment.
- Make sure to have the Contractor point out anything that appears to be a hazard as well.
- Report all findings and make sure all hazards have been eliminated before work begins.
- Tell them to contact you immediately if a hazardous situation presents itself.

Knowledge Check



2. A great start to a safe jobsite begins with -
- a. Coffee and Donuts
 - b. Training, Pre Job-Planning, and Proper PPE
 - c. Complacent workers
 - d. All the Above

Jobsite Inspections



- **What to look for:**

- All on site chemicals are maintained and contained in accordance with approved plans.
- Be sure silt fence is well maintained.
- Always be aware and at a safe distance of powerlines and underground utilities.
- Maintain proper entry and egress to the site. Mud should not be tracked onto county roads.

Knowledge Check



3. OSHA's fatal 4 consists of-
 - a. Slips, Trips, Falls, & Electrocutions
 - b. Electrocutions, Falls, Struck-By Objects, & Ladders
 - c. Falls, Struck-By Objects, Electrocutions, & Caught-In-Between
 - d. Ladders, Struck-By Objects, Workplace Violence, & Drugs/Alcohol

Jobsite Inspections (cont.)



- **What to look for continued:**

- Make sure all work that exposes workers to traffic hazards follows the MUTCD guidance.
- If they are working in a Toll Plaza lane, make sure the lane is closed, a blocker vehicle with 360 lights are activated, tires are turned, and 3 cones are placed behind blocker vehicle.
- Good housekeeping is a must on the ITR, make sure there is no stock piling of debris, and all full dumpsters are to be covered when on site or in transport.

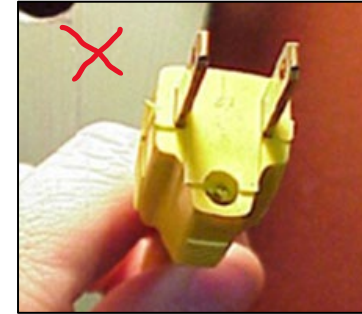


Jobsite Inspections (cont.)



• What to look for continued:

- Identify, report, and eliminate any damaged extension cords, power tool cords.
- Make sure they are using a GFCI, and the correct outlets are being used if they are drawing power from our facilities.
- Make sure all safety rules and procedures are being followed when work is being performed in the tunnels.
- Never access an electrical panel unless you are authorized to do so.



Knowledge Check



4. What does MUTCD stand for?

- a. Manual Uniform on Truck & Car Devices
- b. Manual on Uniform Traffic Crashes & Deaths
- c. Manual Uniform on Traffic Control Detectors
- d. Manual on Uniform Traffic Control Devices



Underground Locates and Contractors

The ITR's expectations of contractors and underground lines on ITR construction sites



How Do Contractors Submit A Request For An Underground Locate?

- a) All contractors are required to contact Indiana 811 for locates and have their own locate ticket.
- b) All contractors are required to submit a locate request form to the ITR Infrastructure Department.
- c) Locates may require up to 5 days to complete.
- d) Locates expire 21 days past the initial request. After 21 days all locates must be resubmitted.
- e) If contractors are found in violation of not following underground locate guidelines or have failed to resubmit a new locate request after the expiration of a previous locate request a **“Stop Work Order”** may be submitted for the site.
- f) Any contractor found in violation of any ITR EHS environmental health and safety standards are subject to dismissal from the job site and any other subsequent job site along the Indiana Toll Road.

Knowledge Check



5. When do underground locates expire?-

- a. Never
- b. After six months
- c. After 30 days
- d. After 21 days

Crystalline Silica Awareness

A basic overview of crystalline silica and interaction with crystalline silica in the workplace.



Working Silica Standards on the Indiana Toll Road

In Accordance With OSHA 1910.1053 and 1926.1153

- The Permissible Exposure Limit (PEL) is 0.050 mg/cubic meter of air averaged over an 8-hour workday.
- The Action Level (AL) is 0.025 mg/cubic meter of air averaged over an 8-hour workday.

So How Big Is A Microgram?

- If you stretched a one pound ball of metal from New York City to Los Angeles, California, via I-80 west (2,832 miles), then 50 micrograms would be just under 20" (16.46") of this very thin wire.

How Can Workers Limit Exposure To Silica?

- Engineering controls and work practices are the primary exposure control method, unless such controls are not feasible.
 - a) **No Dry Sweeping In Areas Where Silica Dust Is Present:** HEPA-filtered vacuuming or other methods that reduce exposure if wet cleaning is not feasible.
 - b) **No Compressed Air** is to be used to clean clothing or surfaces unless used with effective ventilation or there is no alternative feasible method.
 - c) Whenever concrete is to be cut, the ITR only allows wet cutting of concrete.
 - d) Respirators may also be used, but only if feasible engineering and work practices do not reduce exposures below the PEL or during periods of implementing controls.

What Happens If A Contractor Is Found In Violation Of The ITR Silica Standard Policy?

- If dry methods are found used on a jobsite a “**Stop Work Order**” will be issued with a review of ITR safety regulations.
- Any contractor found in violation of any ITR EHS environmental health and safety standards are subject to dismissal from the job site and any other subsequent job site along the Indiana Toll Road.

Knowledge Check



6. How are workers allowed to work with silica comprised materials on the ITR?-

- a. Always cut silica using dry methods in enclosed areas
- b. Pay no attention to wind direction when cutting silica materials
- c. Only use wet methods when cutting, hammering, or drilling anything containing silica such as concrete, asphalt, or drywall.
- d. All the Above



ITRCC MS4 and Contractors

The ITR's expectations of contractors on the Indiana Toll Road



The ITR has been designated by the EPA as an MS4:

- MS4 is an acronym for Municipal Separate Storm Sewer System.
- Our obligations fall under 40 CFR 122.26 (b)(8).
- In a nutshell due to the size of our storm system encompassing the length of the road across seven counties, the ITR has been designated an NPDES storm sewer permit under EPA MS4 regulations.

Inspections

- Inspections of the site shall be conducted every 7 calendar days and after any significant precipitation event of ½” or greater.
 - If rain occurs consistently over several days those events may be combined requiring fewer inspections in a given week
 - Inspections are conducted and documented by ITRCC EHS personnel.

Site Inspection Concerns

- All dumpsters shall be emptied or covered by the end of the work day.
- Waste concrete shall be disposed of off site.
- Waste road millings piles shall have silt fencing placed around the perimeter of the pile.
- Grass areas shall be preserved if possible with silt fence used to minimize erosion.
- On site chemicals shall be secured and safely stored out of the weather in a manner ensuring soil infiltration prevention on ITRCC EHS approved secondary containments.
- All on site drains shall be protected from chemical and soil infiltration.
- On site soil shall not be tracked onto the ITR from the work site.

MS4 Violation Penalty Procedures: First Violation

- The first violation is the initial determination of a violation or group of violations at a project site.
 - Corrective measures will be recommended.
 - Corrective recommendations must be accomplished within five days of issued notice.

MS4 Violation Penalty Procedures: Second Violation

- The second violation means the determination that five working days have passed since the first violation, the condition or conditions constituting the first violation remain uncorrected or otherwise not compliant with the requirements, provisions, or regulations of the Indiana Toll Road Concession Company across the corridor.
 - A Noncompliance Citation will be issued as well as a Notice of Correction.
 - Corrections must be accomplished within 5 calendar days from the date of citation.
 - **All corrective and mitigating actions must be paid by the contractor responsible for the conditions associated with one or more citations.**

MS4 Violation Penalty Procedures: Third Violation

- A third violation means the determination that after five calendar days past the notification of the second violation, the condition or conditions constituting the second violation remain uncorrected or otherwise noncompliant with the MS4 requirements of the ITR.
- A third Noncompliance Citation will be issued.
- A **“Stop Work Order”** will be issued.
- “Stop Work Orders” will not be rescinded until all recommended corrective measures have been completed and the Indiana Toll Road Concession Company has been paid for all costs incurred as applicable.
- the Indiana Department of Environmental Management as well as the INDOT Toll Road Oversight representative will be notified of the contractor’s MS4 noncompliance.

MS4 Violation Penalty Procedures: Other Penalties

- Civil penalties equating to Indiana Toll Road infrastructure and ecological damages requiring mitigation caused by noncompliance will be required from the contractor or subcontractor responsible for violations.
- If damage costs are not paid within 30 days the Indiana Toll Road Legal Department will be notified and will proceed accordingly.
- The Indiana Toll Road Concession Company reserves the right to accelerate the schedule assigned in this document for correcting a violation if required to protect life or property from an eminent and severe threat of loss or damage.
- The Indiana Toll Road Concession Company may perform or cause to be performed, such work as is necessary to accomplish corrective measures at a project site by their own forces or by a contractor hired to perform the work.

MS4 Violation Penalty Procedures: Other Penalties

- Any contractor or subcontractor responsible for Indiana Toll Road MS4 violations are liable for the costs of removal of sediment and other stormwater pollutants deposited in any right-of-way, drain, storm sewer, drainage easement, or Indiana Toll Road Concession Company maintained or controlled property to a condition equal to the condition prior to all violations.
- Such costs may be pursued in court and/or filed as a lien against the contractor or subcontractor as allowed by Indiana State Law.

Knowledge Check



7. What is the proper disposal of waste concrete at construction sites along the ITR?-

- a. Just dump it in the side ditch.
- b. Dump it on the neighbor's property.
- c. Dump it in a storm drain.
- d. Take it off of the ITR for disposal.

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