

“STOP THE DROP CAMPAIGN”

BE ADVISED!!!!!!:

**ANYTHING CARRIED, STORED OR USED THAT IS ELEVATED ABOVE POINT
ZERO - GROUND LEVEL (OR EVEN OVER A HOLE IN THE GROUND) IS A:**

POTENTIAL FALLING OBJECT !!!!!!!!!!!

IF IT IS ELEVATED -----

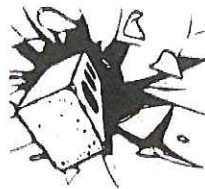
(((IT IS “STORED” ENERGY!!)))

**ALL STORED ENERGY MUST BE SECURED OR HANDLED WITH POSITIVE
(((CONTROL)))**

NO ROOM FOR MISTAKES!!!!!!

WHEN STORED ENERGY OF ANY KIND BECOMES UNHARNESSED

- **INCIDENTS**
- **INJURIES AND**
- **EVEN DEATH CAN OCCUR!!**



!!!!!! STOP THE DROP !!!!!!

SAFETY

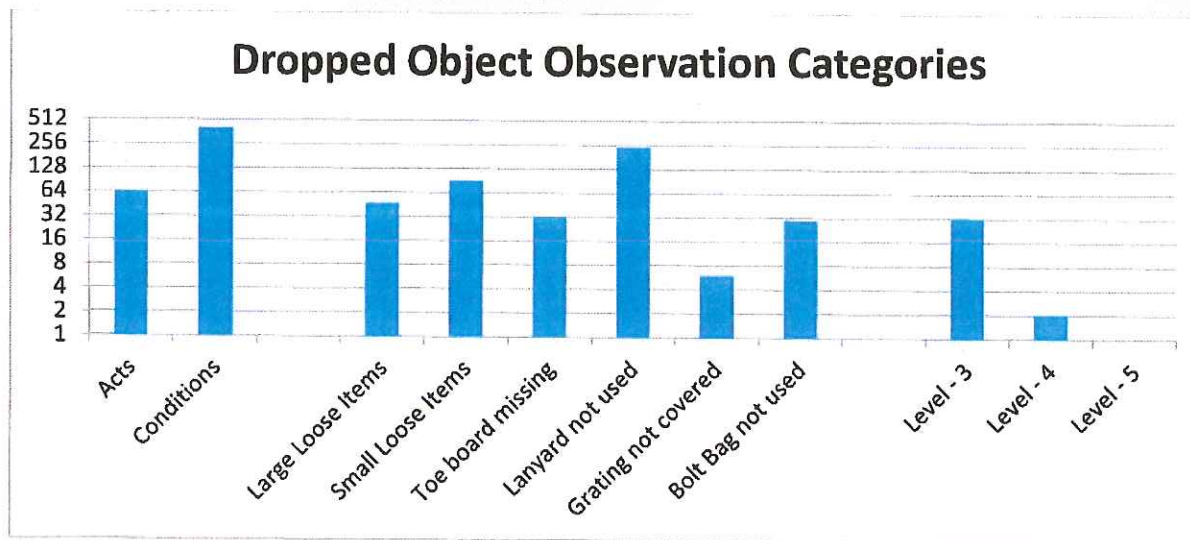
JOB 1

DAY 1

Stop the Drop Campaign

Barricading areas below overhead work:

Barricading the area below any overhead work is essential as a final barrier to keep employees out of harm's way. The following table shows statistics from 2014 from one of the largest E&C clients. What trends do you see in the numbers?



One that stands out is the number of large loose items is very close to the number of small loose items dropped. If you are struck by a "small" loose item (piece of scrap membrane, tape measure, file, etc...) from a great height it could cause a serious injury. Imagine how much the injury would be magnified if the item were "large" (3'X3' plate, magnetic drill, portapower, milling motor, etc...).

Proper barricading of the area below overhead work in conjunction with tool tethers, proper securing of materials at height and good housekeeping practices can eliminate dropped object hazards to our employees. Red Danger Barricade tape is the minimum required for overhead rigging operations, overhead hot work and encompassing a crane's swing radius. Red Danger Barricade needs to be installed to form a large enough area in the event a falling object ricochets as it falls. Red Danger Barricade cannot be entered without the permission of the Foreman who erected it or a member of their crew. Yellow Caution Barricade should not be used for overhead work when the potential for dropped objects is present. Proper barricade usage is one of the tools to **"Stop the Drop"**.

SAFETY

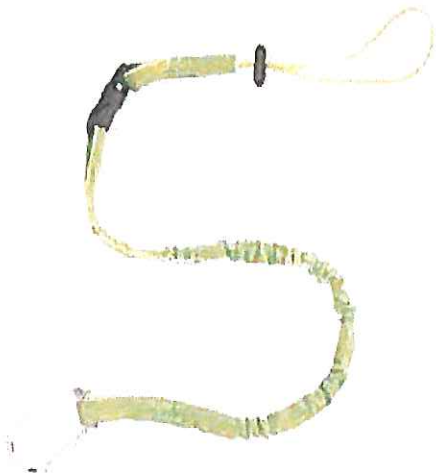
JOB 1

DAY 2

Stop the Drop Campaign

Tethering your Tools:

Tethering your tools is one of the ways to stop tools from falling to a lower level. Tool Lanyards are the most common way to secure your tools from an unintended drop. Tool Lanyards come in a variety of sizes and styles and the proper one should be chosen for the task you are performing. If the tool is of a sufficient weight a lanyard with shock absorbing capabilities should be used to not jerk the employee in the direction of the tool falling. If climbing of scaffold is required you want to choose a lanyard that is not too long and will not cause a misstep while climbing a ladder.



It is important to remember it does not take but a second for a cordless drill or hammer to fall to a lower level. Proper barricading when used with Tool Lanyards will protect employees working or traveling below your work area. Larger tools to be used or stored on an elevated platform can be lashed back to sufficient structure to prevent a fall if they are displaced.

If you are working in an area adjacent to rotating equipment a break away tool lanyard must be used. If a tool lanyard is caught on a rotating shaft it can pull the employee into the equipment with catastrophic consequences. If Tool Lanyards will be used or equipment will be tethered to structure make sure it is discussed thoroughly in the pre task STA meeting. Proper securing of tools and equipment is one of the tools to **"Stop the Drop"**.

SAFETY

JOB 1

DAY 3

Stop the Drop Campaign

Material Storage at height:

At most of our jobsites we have to stage materials for upcoming tasks. The amount of material stored in the building on upper floors can change depending on the type of task (scheduled outage, boiler scaffolding, piping project, etc...) to be performed. It is a common audit finding that materials are stored improperly next to a leading edge at height. Remember materials should not be stacked taller than the toe plate if there is a chance they could be displaced. Banding of materials can sometimes be a logical solution as long as the material won't be shaken out and the banding removed against the leading edge.

Be aware of tools and materials on carts, buggies or on top of tool boxes. If the cart or buggy is struck or hits a toe plate or column, could the material on it slide between the mid or top rail? If a tool is on top of a tool box and it is opened up, could it go over or through the handrail behind it? Could a bucket of bolts turn over and fall onto employees below? If bumped could a 8' step ladder leaned against a top rail flip over a fall to a lower level? These are all items found during audits on our job sites.

Green Tape and Information tags should be used to keep employees away from stored or staged materials. Ensure that we do not block walkways or emergency escape routes with our materials.

In your Pre-Task Planning, take time to identify how you will properly secure and store your materials to be used. If a safer staging area is available away from a leading edge that would be a best practice. Remember that even a seemingly light object (scrap membrane stock, a screw driver or a tape measure) can cause great harm if it falls and hits someone below. Recently on a project not affiliated with Fluor a tape measure fell from height and struck a delivery driver on the ground causing a fatality. Always remember to discuss thoroughly with your crew how to secure materials you will be storing. The time it takes could save a life. Let's all work together to **"Stop the Drop"**.

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JOB 1

DAY 4

Stop the Drop Campaign

Housekeeping on Scaffolds and Platforms:

Poor Housekeeping is one of leading causes of injuries on our jobsites. Most people think of housekeeping issues causing slips, trips and falls on the same level. Housekeeping issues can become even more serious when trash, scrap and debris could fall to a lower level. During demolition operations it is common to have materials accumulate on a scaffold or fixed platform. Besides the trip hazards this creates we can also overload the scaffold, damage the scaffold members or have materials fall to a lower level.

We all can become complacent when working around scaffold and elevated platforms because we typically can't see the work being performed from our vantage point. This is why barricading around the base of your scaffold when performing hot work or rigging operations is so important. Have you recently been on a scaffold or platform and seen a tool lying on the deck?



If that tool fell could it strike someone? It probably could. Perform your housekeeping on elevated platforms and scaffold throughout the shift. Don't let scrap material, dust, debris, bolts or tools pile above your toe plate. We can install netting between the toe plate and the top rail to add another level of protection to keep materials from falling to a lower level. Good Housekeeping practices can help us **"Stop the Drop"**.

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JOB 1

DAY 5

Stop the Drop Campaign

Last Minute Risk Assessment for Dropped Objects:

What is a Last Minute Risk Assessment? Simply put it is the last chance we have to review the risk associated with a task before an action is taken. Two minute drill cards are being used to remind us of questions we need to answer before each step of our task is taken. The questions are simple but the thought process they invoke can be very in depth.

TWO MINUTE DRILL

What is my current task?

What hazards will I face in the next two minutes?

How do I protect myself in the next two minutes?

Do I know the proper procedure to use for the task I'm performing?

If uncertain, **STOP When Unsure**

SAFETY

JOB 1

Each time you are about to take an action run these questions through your mind. If we each think about how these questions can help prevent dropped objects we will **"Stop the Drop"**. Some additional questions it may bring to light are:

Do I have the proper color and size of barricade erected below the work?

Are my tools and equipment tethered to prevent falling to a lower level?

Are my materials stored properly and secured?

Am I using Good Housekeeping practices in my work area? Am I cleaning as I go?

Have I done a complete Last Minute Risk Assessment?

If we all focus on completing a thorough Two Minute Drill we can improve all aspects of our site safety performance including dropped object prevention. We are all human and we all make mistakes. When dropped objects are involved one mistake could be someone's last mistake. We are each our Brothers and Sisters Keeper and when we all work together we can **"Stop the Drop"**.