

STAR Power

STAR is a safety program utilized by many industries to encourage performers to independently evaluate their surroundings, their tasks, and their process prior to beginning work. It also is an effective strategy for pausing a process that is not going according to plan and re-evaluating the steps to insure it is performed safely.

S- STOP

STOP the process, or stop the task planning phase if problems are encountered

T- THINK

THINK about the activity, the steps, the hazards involved, and how to mitigate them

A – ACT/ASK

ACT through with the new plan, ASKing probing questions at each step

R - Review

REVIEW The steps taken during the process and discuss possible improvements.



A wind turbine top-out crew arrived to site early in the morning to prepare for rigging up to and flying the nacelle and assemble rotor. Due to recent storms and site activities in the mud, the site had a significant number of tire ruts from vehicles and heavy equipment, and the operator of the manlift being used to assist with rigging kept getting stuck. The operator was having a difficult time leveling out the machine, which was leading to instability while trying to access the nacelle from a greater distance due to the ruts.

After observing these challenges unfold for a couple of hours, the foreman of the crew called an all-stop and gathered his team around him. They reviewed the original pre-task planning notes for the task that day and determined that not only was the site unsafe for the use of equipment, but it also presented numerous other challenges for walking and working concerns.

After discussion, the decision was made to radio for a civil support motor grader and skid steer to come to the site and level it out. After this was completed, the crew completed their task. At the end of their shift, they met at their trucks to discuss the problem and come up with solutions to prevent this from being an issue on other sites.

What are some other solutions that you can think of for using STAR?

