

Group Assignment

In your group, review the suggested job tasks listed below, and then either choose one of them for the assignment, or discuss among yourselves a current job one of you is involved in and use that task for the assignment.

Choose a recorder in your group to write down the group's recommendations.

Use the Work Permit and Hazard Assessment form to help in your discussions.

Possible Job Tasks:

Task #1:

Install a piece of prefabricated piping onto a stainless steel tank outside of a building to drain the partially filled tank of waste solvents using a telescoping wheeled lift and a hydraulic crane.

Things to consider: The weight of the piping and how far from the pin on the crane the lift is. The height of the prefabbed piece to determine the right lift for the job.

Select the proper tools, equipment, procedures, and permits to successfully and safely complete this task.

Task #2:

Install steel beams and platform to support tools and equipment in support of a cleanup of petroleum greases on a raised mezzanine.

Things to consider: How will the steel be attached to the existing mezzanine? How will we lift the steel beams and structures to be added on?

Select the proper tools, equipment, procedures, and permits to successfully and safely complete this task.

Task #3:

Drain and clean out a 6 foot by 6 foot pit to facilitate repairs on existing motorized pumps in a waste water ejector pit at a hazardous waste landfill.

Things to consider: How deep is the pit? How can we sanitize the pit before entry?

Select the proper tools, equipment, procedures, and permits to successfully and safely complete this task.

Task #4:

Remove barrels of hydraulic fluid from a third floor abandoned manufacturing plant.

Things to consider: How many barrels of hydraulic fluid are there? How do we get the barrels safely down to the ground level to clean the site up?

Select the proper tools, equipment, procedures, and permits to successfully and safely complete this task.

Task #5:

Discuss among yourselves the job tasks you are currently involved in, and select one for this classroom assignment.

Select the proper tools, equipment, procedures, and permits to successfully and safely complete this task.