# Job Safety Analysis

Safety Information for The University of North Carolina at Chapel Hill

**Recycling**

## JOB SAFETY ANALYSIS TOPIC:

## Loading a Roll-off Container

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| **Pre-Operation and Preparing for the Job** | 1. Pre-plan the work and assess the work area.  
2. Assess the vehicle and equipment for damaged parts  
3. Select the appropriate PPE needed to perform the job task. | None                                                          | • Administrative  
○ If equipment is damaged or broken, replace or have equipment repaired  
• PPE  
○ Gloves  
○ Reflective Safety Vests |
|                           |                                                                           |                                                               | • Engineering  
○ If not already installed, use extended side mirrors to back up  
○ Engage emergency brake and put truck in neutral.  
• Administrative  
○ Mark area with traffic cones  
○ Work with a spotter or traffic flaggers in areas of high traffic  
○ Use hand signals and drive with windows down to hear spotter  
• PPE  
○ Same as above |
| **Site Preparation/Backing up the Truck** | 4. Back up truck to container  
5. Using the hydraulic lever, fully raise the boom. | • Struck by and against (pedestrians, traffic, overhead wires) | • Administrative  
○ Hook over not under whenever possible  
○ Ensure all persons are clear of moving parts  
○ Lower boom slowly so it is level with the container once the container is slightly lifted onto the truck for stabilization.  
• PPE  
○ Use extra bungee cords  
• PPE  
○ Same as above |
| **Lifting the Load** | 6. Attach winching cable to container  
7. Lift container onto the truck using the hydraulic lever.  
8. Lower the boom | • Struck by (winch cable, unstable truck)  
• Pinching | • Administrative  
○ Hook over not under whenever possible  
○ Ensure all persons are clear of moving parts  
○ Lower boom slowly so it is level with the container once the container is slightly lifted onto the truck for stabilization. |
| **Tarping Container** | 9. Level off contents in the container to prepare for tarping.  
10. Secure tarp with extra bungee cords (if applicable). | • Struck by (bungee cord) | • Administrative  
○ Use extra bungee cords  
• PPE  
○ Same as above |
| **Driving Away** | 11. Drive away slowly and use mirrors to check load.  
12. Check load after 50 miles or within one hour if driving long distance | • Struck by (traffic) | • Safety goggles if using bungee cords  
• PPE  
• Same as above |
| **Training** | Employees must receive training on this JSA, CDL required trainings, and PPE. Some trainings can be found on EHS website at [https://ehs.unc.edu/training/self-study/](https://ehs.unc.edu/training/self-study/) | Supervisor is responsible for ensuring the employee reviews the JSA and any EHS guidelines. |
| **Created** | Taylor Moore, Industrial Hygienist, February 21, 2020 |
| **Referenced Material** | EHS Website; PennPRIME job safety analysis - Emptying a Roll Off Container |
| **Contact Info** | For more information about this JSA and other JSAs, contact: Department of Environment, Health and Safety  
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