

Job Hazard Analysis

(Always Wear Proper PPE)

Project:	Superintendent:
Task: Liner Support	Date:

Step	Potential Hazards	Safe Procedures/ Crew Responsibilities
Preparation		<ul style="list-style-type: none"> Designate a Competent Person or persons Review P3 (Preparation Planning Procedures) and Hazard Analysis with crew Complete and review STA's daily
Designate unloading and laydown yard	Overhead electrical or telephone lines	<ul style="list-style-type: none"> Assess location and conditions Unload trucks in an area without overhead utilities if possible Follow the 10' overhead clearance rule
	Slips. Trips, falls	<ul style="list-style-type: none"> Use a level and dry area for unloading / laydown yard Maintain good housekeeping to minimize trip hazards Sand icy spots
Remove tarps, straps, chains, etc., from load of liner	Injury to delivery drivers	<ul style="list-style-type: none"> Delivery driver is not allowed out of truck without proper PPE Competent person discusses safe procedures with driver
	Roll of liner shifts and falls from truck	<ul style="list-style-type: none"> Inspect load carefully before releasing tie downs Use the least number of people possible to unload the truck Keep all non-essential people well away while unloading

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Unload materials and arrange rolls in order of anticipated use	Falls from truck or top of load	<ul style="list-style-type: none"> • Use a secured ladder to access truck body and load • Maintain 3 points of contact on ladder • Use fall protection when working more than 6' off the ground
	Hit by equipment	<ul style="list-style-type: none"> • Ensure back up & travel alarms are working and loud enough • All employees wear high-visibility vests at all times • Maintain eye contact with operators and drivers • Give machines and trucks the right of way
	Rigging failure	<ul style="list-style-type: none"> • Competent person uses rigging equipment rated for the loads and inspects rigging prior to each use
	Hit or crushed by roll of liner during unloading or transport	<ul style="list-style-type: none"> • Stay well away from machinery with suspended loads • Use tag lines as needed to control loads • Never place body between suspended load and another object • Never be beneath a suspended load
Secure and cover rolls for storage	Pinned or crushed by roll of liner during unloading or transport	<ul style="list-style-type: none"> • Be sure liner is stored in stable condition; use trigs if needed • Do not pile rolls more than 2 layers high
Transport liner materials from laydown yard and stage at deployment area	Operator loses control of equipment or load during transport due to heavy and unstable loads, uneven terrain, and poor visibility	<ul style="list-style-type: none"> • Properly size and assign equipment for transport and deployment of liner • Know weights of liner materials – do not exceed lifting capacity of equipment • Avoid overextending the load with forklift or excavator • Designate transport route from laydown yard to deployment area and identify potential hazards • Keep loads low and use spotters as needed

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Attach lifting beam to equipment	Hand and finger crush and cut injuries	<ul style="list-style-type: none"> • Be aware of and avoid pinch points • Wear gloves
Attach liner to lifting beam and deploy liner materials	Sprains and strains from attempting to lift components or deploying liner	<ul style="list-style-type: none"> • Never attempt to lift or move any part of a roll of liner or fabric or liner lifting beam manually: Use the machine and proper rigging for lifting or moving ALL heavy components • Use proper lifting techniques for lifting objects < 50 lbs. • Train crew how to work together while deploying liner
	High winds shifting loads Slips and falls on liner in icy or snowy conditions Lightning strikes on landfill	<ul style="list-style-type: none"> • Cease liner deployment operations during severe weather conditions such as high winds, freezing rain, or thunderstorms
Other Steps (if any):	Other Hazards:	Other Safe Procedures: