

# **BLAST MACHINE ABRASIVE DRUM HANDLING PROCEDURE**

**Safety: Never stand or walk beneath the raised mast of a forklift, and always stay clear of the fall zone.**

## **A. ADDING ABRASIVE IN A DRUM WITH A LID**

1. Select the proper drum of abrasive.
2. Ensure that the lid is securely attached.
3. Contact a forklift driver to assist you.
4. The forklift driver will attach the drum handler to his/her forks.
5. Attach the drum handler to the drum. Ensure all connections are secure so that the drum will not slip or fall.
6. The forklift driver will raise the drum above the abrasive adder hopper. Do not rotate the drum until it is above the hopper. (This will ensure that any abrasive leaking from the lid will land in the hopper and not in the floor.)
7. When the drum is above the hopper, slowly rotate the drum to an upside down position. Stay clear of the fall zone in case the lid becomes loose. The forklift driver must keep the drum above the hopper.
8. When the drum is upside down and level, guide the forklift driver until the drum is centered above the spike on top of the hopper.
9. When the drum is centered, the forklift driver will then lower the drum, piercing the drum lid.
10. When the drum is resting on top of the hopper, remove the handler from the drum.
11. Sweep up any spilled abrasive.

## **B. ADDING ABRASIVE IN A DRUM WITH NO LID**

1. Select the proper drum of abrasive.
2. Contact a forklift driver to assist you.
3. The forklift driver will attach the drum handler to his/her forks.
4. Attach the drum handler to the drum. Ensure all connections are secure so that the drum will not slip or fall.
5. The forklift driver will raise the drum above the abrasive adder hopper. Do not rotate the drum until the drum is above the hopper.
6. When the drum is above the hopper, slowly rotate the drum to an upside down position. Stay clear of the fall zone in case the drum should happen to slip or fall. The forklift driver must keep the drum above the hopper while abrasive is being poured.
7. When the drum is completely empty or enough abrasive has been added, rotate the drum back to an upright position.
8. Lower the drum and remove it from the drum handler.
9. Sweep up any spilled abrasive.

## **C. REMOVING AN EMPTY DRUM**

1. Contact a forklift driver to assist you.
2. Attach the drum handler to the forks.

Note: Never remove an empty drum by squeezing together the forks around the barrel. Always use the drum handler.

3. Raise the handler to the proper height and attach the handler to the drum. Ensure all connections are secure so that the drum will not slip or fall.
4. Raise the drum above the hopper. Allow any abrasive to drain out of the hole in the lid.
5. Keeping the drum above the hopper, rotate the drum back to an upright position.
6. Lower the drum and remove the lid.
7. Raise the drum above the hopper again and rotate the drum upside down, emptying out the drum completely.
8. When the drum is empty, lower it and remove it from the handler.
9. Sweep up any spilled abrasive.