

# 2

## Control Strategy 2

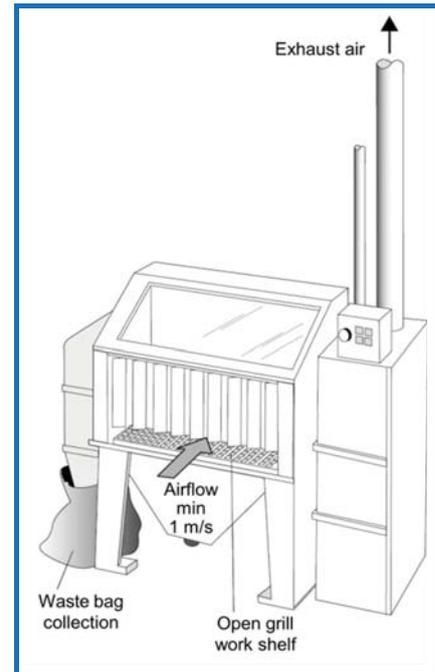
# Sack Emptying

## Engineering Control

Since emptying devices for bags/sacks are usually equipped with a local exhaust ventilation beside this guidance sheet, **REACH Control Guidance Sheet 200 "Local Exhaust Ventilation (Source Extraction)"** also needs to be considered.

## Workplace and Work Process Design

- Restrict access to the work area to authorised staff only.
- Ensure the bags/sacks are compatible with the equipment used.
- Provide a local exhaust ventilation at the entry of the emptying device. The airflow in the area of openings should be at least 1 m/s.
- Enclose the emptying device as much as possible (see illustration).
- Make the enclosure deep enough to contain bags/sacks.
- Keep the open area as small as possible, but allow enough room for safe working.
- Use see-through panels and plastic strips to reduce the open area as much as possible.
- Ensure that bags/sacks can be opened and emptied without the operator placing their head within the enclosed area.
- Minimise dust emission during emptying. Provide clamps and seals, and make arrangements to discharge the air which is displaced.
- Ensure the bag disposal point within the device can be reached easily without the operator placing their head within the enclosed area.
- Ensure the waste bag collector does not discharge dust when it is removed. Consider additional ventilation at the this point.
- Keep pipes short and straight. Long sections with flexible pipes shall be avoided.
- Ensure the connections do not leak.
- Provide suitable handling aids.
- Provide good access for forklift trucks. Segregate the area for forklifts and put up clear signs.



## Maintenance, Servicing & Efficiency Control

- Visually inspect the technical equipment at least once a week for signs of damage.
- Check pipes and fittings at least once a week for signs of leaks.
- Get the equipment-specific parameters examined and tested against its performance standard as specified by the manufacturer or at least once a year.
- Keep records of all examinations at least until the next inspection is due.
- Check equipment, work area and containers regularly to be free from contaminations.
- Ensure engineering control measures are regularly inspected and maintained.

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## Worker Checklist for Operating Instructions

- Make sure that the system is running properly and the protective devices are switched on and working.
- Clean equipment and work area every day.
- Look for signs of damage, wear or poor operation of any equipment used on a daily basis.
- If you find any problems, tell your supervisor. Don't carry on working, if you think there is a problem.
- Make sure that bags, sacks and other waste are not drawn into the LEV.
- Dispose of emptied bags/sacks and other waste safely.
- Handle all packages and containers carefully to minimise spills.
- Clear up spills immediately and dispose of waste safely.
- Wet clean or vacuum up solids (if necessary take explosion protection measures).
- Avoid using compressed air or dry sweeping.
- Dispose of hazardous waste, emptied packages, binders and cleaning wipes properly. Use labelled containers and keep them closed.
- Use handling aids.
- Use, maintain and store any personal protective equipment in accordance with instructions.