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Control Strategy 2

REACH Control Guidance Sheet 206

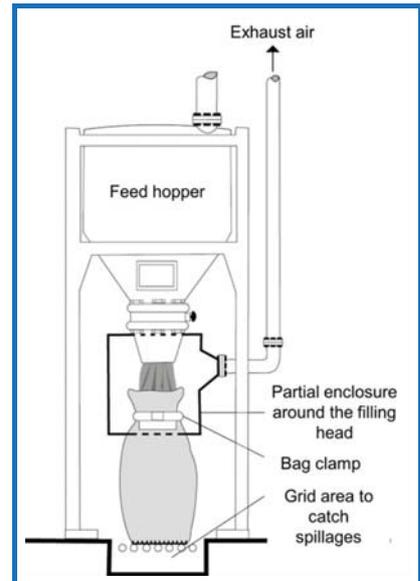
Sack Filling

Engineering Control

Since filling 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 filling point with an inward airflow of at least 1 metre per second.
- Enclose the filling device as much as possible (see illustration).
- Ensure the enclosure is large enough to allow the bag/sack to be closed before it is removed from the enclosure.
- 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 filled and closed without the operator placing their head within the enclosed area.
- Minimise dust emission during filling. Provide clamps and seals, and make arrangements to discharge the air which is displaced during filling.
- Ensure the filling head does not discharge dust when the bag/sack is removed. Consider additional ventilation at the disposal point.
- Take measures to prevent overfilling, e.g. use a overfill protection, which closes the filling valve automatically or stops the filling pump.
- Provide appropriate equipment underneath the filling device to capture spills.
- 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.
- Regularly inspect the level indicator and the overfill protection (set frequency depending on risk).
- 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.

Worker Checklist for Operating Instructions

- Make sure that the system is running properly and the protective devices are switched on and working.
- Take special care to not overfill the bags/sacks.
- Watch the level indicator and the overflow protection carefully and check for proper operation. In case of malfunctions stop the filling *immediately*.
- 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.
- 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.