

Best Practice

Powder Discharge

Recommended Procedures

(Recommendations in this guidance are given in good faith and are presented for consideration and adoption by the responsible engineer concerned)

General Guidance

- The customer is responsible for ensuring that safe and level parking for delivery vehicles is maintained and that access roads are suitable for delivery vehicles.
- The delivery area should be cordoned off and all personnel within the cordoned area should wear appropriate PPE (see binder manufacturer's safety data sheet for details). As a minimum, high visibility jacket / tabard, safety helmet, safety boots / shoes, overalls, goggles, dust mask and gloves should be worn.
- Before delivery commences, the customer is responsible for checking that any filters or pressure relief devices fitted to the receiving silo or spreader are well maintained and working properly.
- The customer should ensure that the delivery driver is accompanied during the discharge process and that the driver or vehicle is not left unaccompanied.

Delivery Driver's Guidance

- Upon arrival on customer premises always adhere to site safety rules, follow designated routes and speed limits and look out for any overhead pipes, wiring or other hazards.
- Be aware of other site traffic, seek assistance when reversing.
- Driver to park in a safe position, report to customer and present documents.
- Ask customer to confirm that the silo can take amount of product being delivered.
- Ask customer to confirm that silo level alarms and filtration systems are switched on.
- Before delivery commences, the driver should report any concerns or issues to the Stabilisation contractor / customer's representative.
- Driver to connect discharge hose to correct product silo (ask if unsure), and obtain a signature from customer to authorise the delivery.
- Drivers must remain at the vehicle controls throughout the discharge process and wear appropriate PPE protection at all times.
- Never start donkey engine / blower until the discharge hose is fitted to vehicle and silo.
- Operate tanker controls in accordance with the manufacturer's instructions.
- Ensure that the delivery is effected using the maximum possible product to air ratio and cease immediately in the event of a high level alarm or dust emission.
- Stop product discharge when silo alarm sounds and report to customer.
- Further delivery to a silo after a warning device has been activated or halted due to dust emissions is only acceptable with a signed authorisation by the site manager or his nominee and then only with caution and under supervision.
- If discharging a part load into a spreader or silo, the final product delivery valve must be shut between discharges. If a final product delivery valve is not fitted, then the tank must be de-pressurised between discharges.
- Never remove discharge hose until all pressure has been released from tank.
- Never go onto the tank top, without using guard rails or suitable fall arrest system.
- Never go onto the tank when it is under pressure.
- Never touch the tank's manlids whilst the tank is pressurised.

Maintenance

- All brakes, steering / tyres / Flashing Beacons to be checked and maintained in good order.
- All vehicles must have all round vision and CCTV Rear View Camera working where fitted.
- Mirrors clean and positioned correctly.
- Only use clean, suitable clips and rubbers and check condition of hose for damage before use.