

Guidance for the safe delivery and receipt of powdered binders by pneumatic discharge bulk powder tanker



Stabilisation Contractor's General Guidance

- A certificate of inspection (Pressure Test) must be in force if required for any silos or spreaders to be used.
- Hoses should be checked for damage before use and clips should be clean and suitable for the hose couplings. All rubber seals are to be clean and free from defects.
- The stabilisation contractor / customer is responsible for ensuring that safe and level parking for delivery vehicles is maintained and that access roads and delivery area are suitable for delivery vehicles, with sufficient space to manoeuvre.
- Adequate serviceable filtration equipment must be fitted to all outlets from the silo or spreader to prevent dust.
- A pressure relief device must be fitted to the silo or spreader to prevent over-pressurisation.
- Delivery area(s) should be identified and all personnel within the identified area should wear appropriate PPE (see binder manufacturer's safety data sheet for details). Signs around the discharge area should advise of PPE requirements.
- As a minimum, high visibility jacket / tabard, safety helmet, safety boots, overalls, goggles, dust mask and gloves should be worn.
- Before delivery commences, the Stabilisation contractor / 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 delivery driver should be notified of any pressure restrictions or other known issues upon arrival.
- The Stabilisation contractor / customer should ensure that the delivery driver is accompanied by a competent person during the discharge process and that the driver and/or vehicle is not left unaccompanied.

Delivery Driver's Guidance

- All brakes, steering / tyres / Flashing Beacons are to be checked and maintained in good order.
- All vehicles must have all-round vision and CCTV Rear View Camera working where fitted.
- Mirrors should be clean and positioned correctly.
- Hoses should be checked for damage before use and clips should be clean and suitable for the hose couplings. All rubber seals are to be clean and free from defects.
- Upon arrival on customer premises Drivers must always adhere to site safety rules, follow speed limits and designated routes. Look out for any overhead pipes, wiring or other hazards.
- Be aware of other site traffic and seek assistance when reversing.
- Park in a safe position, report to the customer and present delivery documents.
- Ask the customer to confirm that the silo can take the amount of product being delivered.
- Ask the 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.
- Connect the discharge hose to the correct product silo (ask if unsure), and obtain a signature from the customer to authorise delivery. No more than two hoses should normally be used without seeking the customer's permission.
- Drivers must remain at the vehicle controls throughout the discharge process and wear appropriate PPE protection at all times.
- Never start the donkey engine / blower until the discharge hose is fitted to the vehicle and silo.
- Operate the tanker controls in accordance with the manufacturer's instructions.
- Ensure that the delivery is made using the maximum possible product to air ratio and cease immediately in the event of a high level alarm warning or dust emission.
- Stop product discharge if a silo alarm sounds and report this to the 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 the discharge hose until all pressure has been released from the tank.
- Never go onto the tank top, without using guard rails and/or a suitable fall arrest system.
- Never go onto the tank or touch the tank's manlids whilst the tank is pressurised.
- Ensure all delivery documents including waiting time are signed by the customer.