



RECOMMENDATION IN CASE OF BREAKDOWN OF THE GROUND-BASED PUMP AT THE DELIVERY SITE

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In a number of countries, mix and binder plants that are supplied with bitumen are equipped with a ground based pump. Indeed, the use of this equipment improves the safety of operations, considerably reducing the risk of accidents for people and equipment.

Sometimes, it can happen that the unloading of the bitumen is interrupted due to the breakdown of the ground based pump (electrical failure, mechanical failure, etc).

In such a situation, if the repair cannot be easily carried out in a few minutes, Eurobitume recommends the following procedure:

1. The driver must immediately stop the operations in progress and put his tank truck in safety;
2. Similarly, the site operator must immediately secure his facility's installation;
3. The driver must inform his operation manager (haulier) of the breakdown and the site operator must inform the site manager;
4. The haulier, in turn, must immediately inform the Principal (the one who ordered the transport service);
5. After identification of the delivery concerned, the Principal may decide to permit the use of an auxiliary pump, in exceptional cases, by requiring:
 - The presence of a representative of the delivery site;
 - The strict compliance with the delivery site safety procedures.

On-site or telephone action by the monitor or operator of the haulier to remind the driver of the instructions and operating procedures:

- The written agreement of the Principal by e-mail to the haulier confirming the need to carry out an operation under exceptional conditions and authorising the resumption of bitumen delivery.

These requirements being respected, the end of the delivery of the bitumen may be carried out in exceptional mode, either by using the pump fitted to the tank truck, or by using a pump specially designed for this purpose, or by using another tank truck equipped with a pump.

In summary, the Principal will rely on the competence and responsibility of the various authorized persons present on site.

This exceptional procedure is applicable only to complete a started delivery of bitumen. As a result, bitumen supply to the site concerned will only resume after the site's pump has been repaired or replaced.

If the absence of an on-site operational pump (including mobile mix plant) is known in advance, Eurobitume's recommendation is that bitumen delivery should not take place.

Reminder: in any case, due to the dangerousness of the operation (risk of overpressure in the hoses), it is prohibited to make a delivery using simultaneously the tank truck pump and the delivery site ground based pump.

This Eurobitume recommendation is intended for all customers and site managers, as well as hauliers involved in bitumen supply in Europe. The final decision is in the hand of the haulier and the buyer of bitumen.

Eurobitume
Boulevard du Souverain 165
B-1160 Brussels
Belgium
T: +32 2 566 91 40
E: info@eurobitume.eu



www.eurobitume.eu

 www.linkedin.com/company/eurobitume

 www.twitter.com/eurobitume