

Application Report No. A 04-4e **Pipe Line Cleaning**

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Status: 10/2005

KAMAT Su Jeti

In all industrial processes the same problem arises: The necessity to clean pipe lines where, in the course of time, the internal pipe diameter has become narrower, due to deposits gradually building up.

In the past, many companies used chemical methods to remove the incrustations. Nowadays, where environmental protection has become a serious subject, these old methods are hardly applicable any more. If chemical products are used today it is expensive to have them disposed of adequately, or to have them incinerated.

Other companies saw no other possibility than to dispose of the blocked pipes at special dump sites and to replace them with new pipe lines.

Using the KAMAT High Pressure Technology with a wide selection of special nozzles, the problems can be solved economically and without environmental pollution.

Various cleaning methods can be employed, either manually or automatically (*refer to our Application Report No. A 03-4*).



Photo above: The photo shows a pipe ID 100 in use in a plastics factory, blocked with plastic incrustations - **prior to cleaning.**

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Photo above: The photo shows the same pipe ID 100 - **after cleaning**.
The flange of the pipe has also been cleaned.

Photo on the right:

The work was carried out using a pump model K 16026 A (900 bar at 83 l/min.), a foot valve and a rotating pipe cleaning nozzle type RTKH with 2 nozzle inserts on the rotor at 40° and 2 nozzle inserts at 80°.

