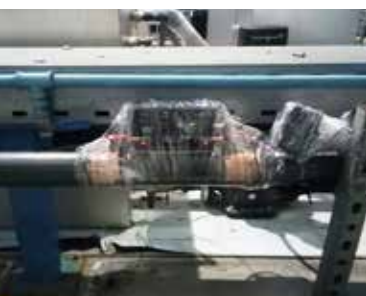
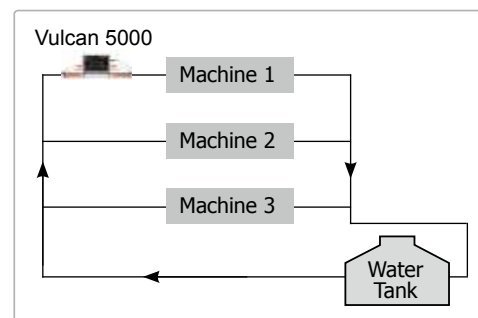


Installation : February 07 - May 10, 2018 (3 months)

Model:	Vulcan 5000
Installation area:	Before the Machine 1 : an injection machine in a cable manufacturing plant (plastic area)
Pipe diameter:	50mm PVC
Purpose:	To compare the results between the Machine 1 with Vulcan 5000 and the Machine 2 without Vulcan
Installed by:	STE ETCT INDUSTRIE



February 07 : Vulcan 5000 was installed before the Machine 1.



February 07 : Visual observation of the **Machine 1** before Vulcan was installed. The wall and the nozzles have scale and bacteria.



May 10 : The **Machine 1** with Vulcan 5000 for 3 months, 80% scale and 100% bacterial have been decreased.



May 10 : The **Machine 2** without Vulcan, the scale and bacteria are still on the walls and deposit in the water bottom.

Installation : May 10 - June 13, 2018 (1 month)

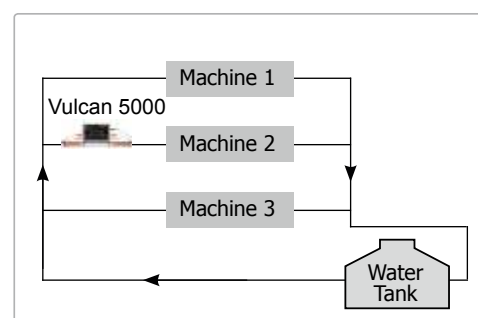
Installation area:	Before the Machine 2
Purpose:	1. To observe the Machine 1 without Vulcan 2. To observe the Machine 2 with Vulcan



May 10 : The **Machine 2** without Vulcan, the scale deposits on walls and coils.



June 13 : The **Machine 2** with Vulcan for 1 month, the scale has been dissolved and can be removed with a finger.



June 13 : Vulcan had been removed for 1 month. The **Machine 1** has returned to its initial state, floating with biofilm.

Vulcan advantages :

- ✓ Save the cost to run a water softener.
- ✓ Prolong the life of the cable injection machines and the components such as nozzles.
- ✓ Increase the life and performance of the pump by removing scales from pipes.
- ✓ Reduce the energy and the maintenance costs.

Recommendation :

A purge of the tank once a month is necessary, so that the water is not saturated by the decomposed scale.