



NONWOVEN SERVICE NOTE

CLEANING INSTRUCTIONS FOR EXH INJECTOR CARTRIDGES

SERVICE INFORMATION FOR ANDRITZ SPUNLACE CUSTOMERS

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ANDRITZ

ENGINEERED SUCCESS

CHAPTER OVERVIEW



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03 CLEANING PROCEDURE

PRELIMINARY NOTE



Object

- The aim of this technical note is to explain how to clean an **EXH injector cartridge**

Field of application

- All machines supplied with an **EXH cartridge**
- This procedure should not be used to clean the previous cartridge model with fine metallic mesh
- Cleaning from the outside to the inside is still prohibited for metallic mesh

Reference documents

- Please refer to the technical note on the **injector** for disassembly of the injector cartridge



SAFETY ADVICE



Safety is a priority concern at ANDRITZ, and high-pressure water can be really harmful and result in serious injury.

We recommend that you use the personal protective equipment listed on the next slide. Please note the following when using high-pressure cleaning devices:

- Please do not point the cleaning device at yourself, even if you are wearing the appropriate personal protective equipment
- Ensure that no unauthorized persons enter the cleaning area during the cleaning process
- Make sure also that there are no small parts lying around. They may be catapulted through the air by the water pressure from the cleaning device and could injure you or anyone else in the vicinity



SAFETY ADVICE



We recommend using the following personnel protective equipment when performing cleaning work.

The safety equipment required as a minimum is as follows:

- Safety glasses or protective visor
- Safety gloves (resistant to cutting, puncture-resistant, and with non-slip gripping surfaces)
- Noise canceler
- Safety boots
- Chemical protection suit (if chemicals are used)



CLEANING PROCEDURE



Carry out preventive cleaning of the injector cartridges once a week using the tools supplied with the machine and following the procedure below:

- Remove the cartridge from the injector
- Place the cartridge on a suitable support that will not allow it to slide or turn and which has a surface that does not cause the water jet to rebound. Ideally, the cartridge should be placed on a slant.
- Start the high-pressure cleaning process from the **outside to the inside** of the cartridge to achieve backwashing.
- During high-pressure cleaning, maintain a minimum distance of 10 cm and keep moving to avoid damaging the mesh.
- Incline the cartridge and insert a low-pressure hose to remove any residual dirt from previous high-pressure cleaning cycles.

CLEANING PROCEDURE



Carry out at least one chemical cleaning campaign per month according to the following procedure:

- Fill the thermostatic tank with the cleaning solution (more information available in the chapter headed “Thermostatic Tank” in the User Manual) > Use only the chemical solution recommended by ANDRITZ PERFOJET)
- Put the cartridge in the cleaning tank and leave it in the solution for 24 hours
- Finish the process with high-pressure cleaning