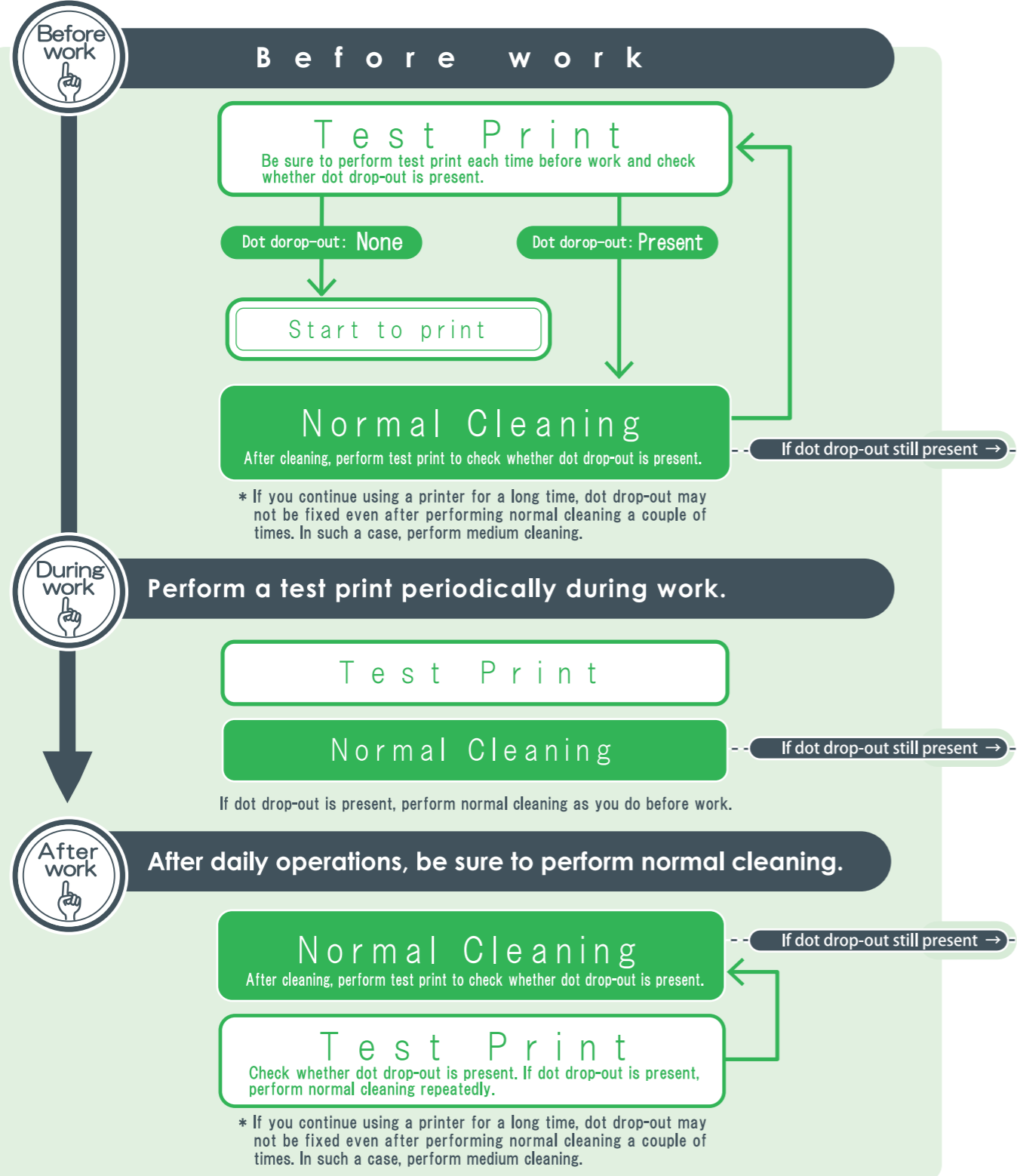# VersaUV

Roland

Points on Print Head Maintenance

To keep VersaUV Series printers running in the best condition, the print head needs periodic and proper maintenance. For details on how to operate the printer, refer to the documentation of your printer.
＊ Depending on the type of your printer, the maintenance work at the timings described in this document may not be explained. However, please perform maintenance as instructed in this document.

Maintenance during daily operation

Before work

Before work

Test Print
Be sure to perform test print each time before work and check whether dot drop-out is present.

Dot dorop-out: **None** → Start to print

Dot dorop-out: **Present** → **Normal Cleaning**
After cleaning, perform test print to check whether dot drop-out is present.

If dot drop-out still present →

＊ If you continue using a printer for a long time, dot drop-out may not be fixed even after performing normal cleaning a couple of times. In such a case, perform medium cleaning.

During work

Perform a test print periodically during work.

Test Print

Normal Cleaning   If dot drop-out still present →

If dot drop-out is present, perform normal cleaning as you do before work.

After work

After daily operations, be sure to perform normal cleaning.

Normal Cleaning   If dot drop-out still present →
After cleaning, perform test print to check whether dot drop-out is present.

Test Print
Check whether dot drop-out is present. If dot drop-out is present, perform normal cleaning repeatedly.

＊ If you continue using a printer for a long time, dot drop-out may not be fixed even after performing normal cleaning a couple of times. In such a case, perform medium cleaning.

Solution

If dot drop-out is not fixed after performing normal cleaning

Medium Cleaning
The print head can be cleaned more powerfully than normal cleaning.

Powerful Cleaning
Perform the powerful cleaning, even if dot drop-out remains after medium cleaning.

If dot drop-out still present

Manual Cleaning

Manual cleaning must be performed in the cases below.

▶ **If dot drop-out is not fixed after powerful cleaning, perform manual cleaning.**

Perform manual cleaning, if dot drop-out is not fixed even after performing above described Normal, Medium, and Powerful cleaning in daily maintenance.

▶ **After printing with the print head position ＊ is raised, be sure to perform manual cleaning.**

If the print head position is raised, the space is increased between the print head and media (object to be imprinted). This may cause ink mist (spattering ink during printing). Leave ink mist may result in clogging of the print head.
＊ When HEAD HEIGHT is set to HIGH or other cases.

▶ **To perform once a week.**

Even if the printer is not used frequently, be sure to perform manual cleaning once a month.

? If the condition is not improved even after performing manual cleaning

Select the INK RENEWAL or HEAD WASH menu, replace all ink in the printer. A large amount of ink will be discharged during this operation. Perform this operation only when ink discharge failure (dot drop-out or the like) cannot be improved even after performing all the cleaning functions, Normal, Medium, Powerful, and Manual.

⚠ The print head may be broken if proper maintenance is not performed.

If you continue using the printer with dot drop-out, the print head will be in the unrestorable state which cannot be fixed by any types of cleaning due to the character of UV-LED printer. As a result, the print head may need to be replaced. To avoid that, please perform proper maintenance periodically.

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