

Request for Periodic Inspection of DFL7161 Piping and Wiring

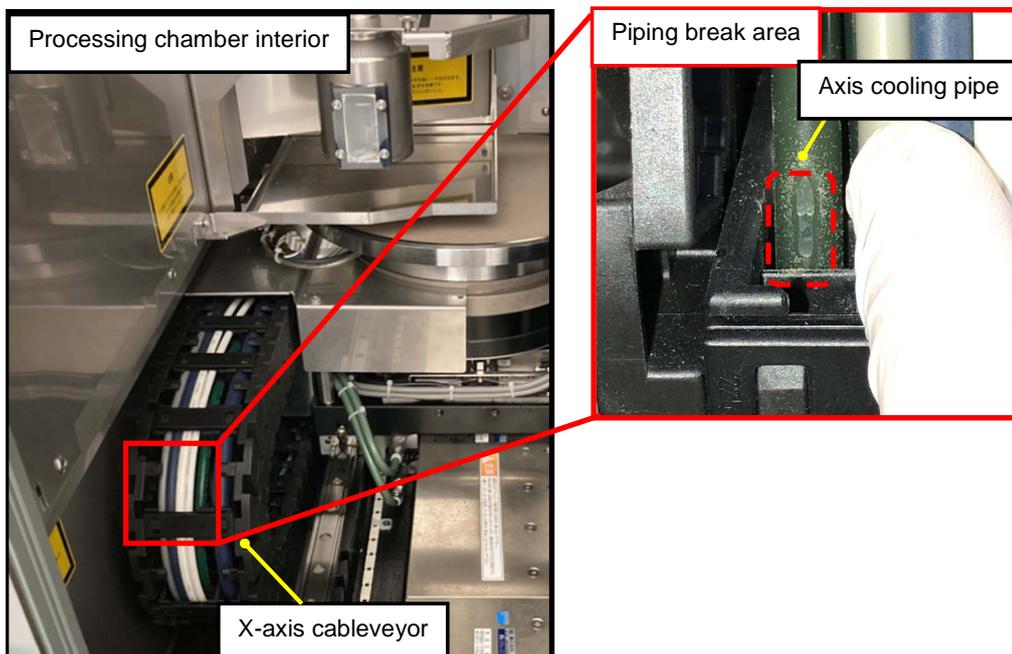
Introduction

The piping and wiring inside the cableveyor are sections that operate frequently compared to other sections, and the environment is more conducive to wear occurring. In particular, the cableveyor used in the DFL7161's X-axis is a section which is operated a lot, and problems such as breaking of the axis cooling water pipe have been reported.

Please perform periodic inspection of the piping and wiring inside the DFL7161 X-axis cableveyor.

→With regards to inspection details, see the next page.

■Example of piping break



Applicable models

DFL7161

Inspection interval

Initial: Before 1 year has elapsed after buying the machine.

Notes: We recommend conducting the initial inspection within the warranty period.

2nd and subsequent: 1 time/year

Technical Newsletter

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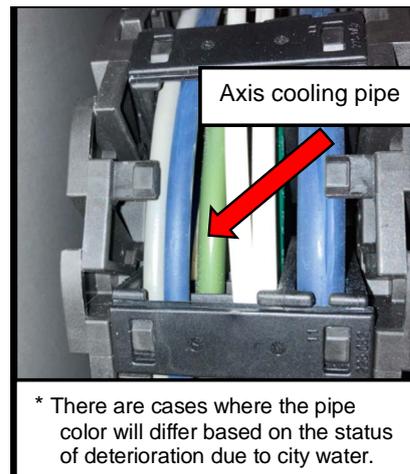
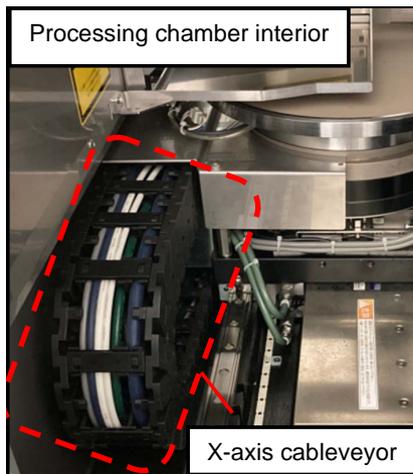


Inspection details

Check for cracking and scrapes in the covered section of the piping and wiring inside the X-axis cableveyor. If cracking or scrapes are detected, notify a DISCO sales representative or customer engineer of the wear condition and the applicable piping information. Piping and wiring replacement will be performed by a DISCO customer engineer.

<Applicable section>

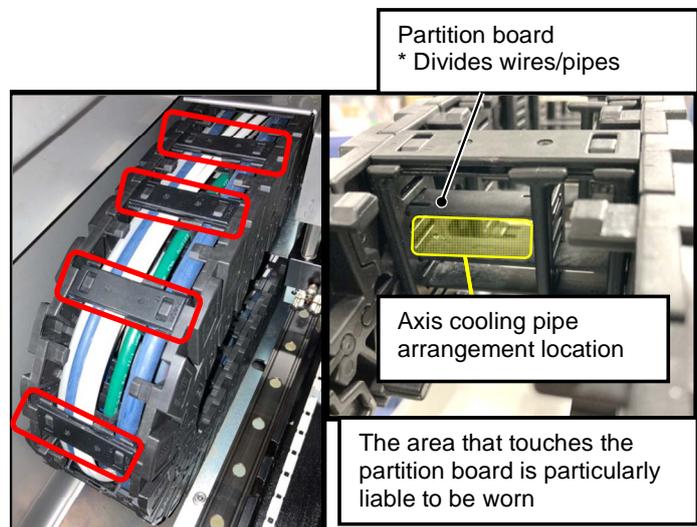
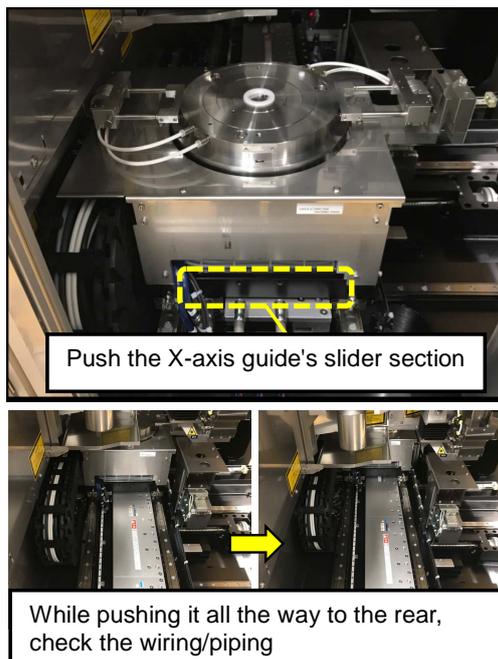
Piping and wiring inside the X-axis cableveyor in the processing chamber. The axis cooling pipe is particularly liable to be worn.



<Inspection procedure>

Turn OFF the machine's power and, while manually moving the slide section of the X-axis guide inside the processing chamber, verify the condition of the piping and wiring inside the X-axis cableveyor. As shown in the cross-sectional view below of the cableveyor interior, there is a partition board dividing the piping and wiring. Since this area is particularly conducive to scrapes, pay particular attention to it when checking.

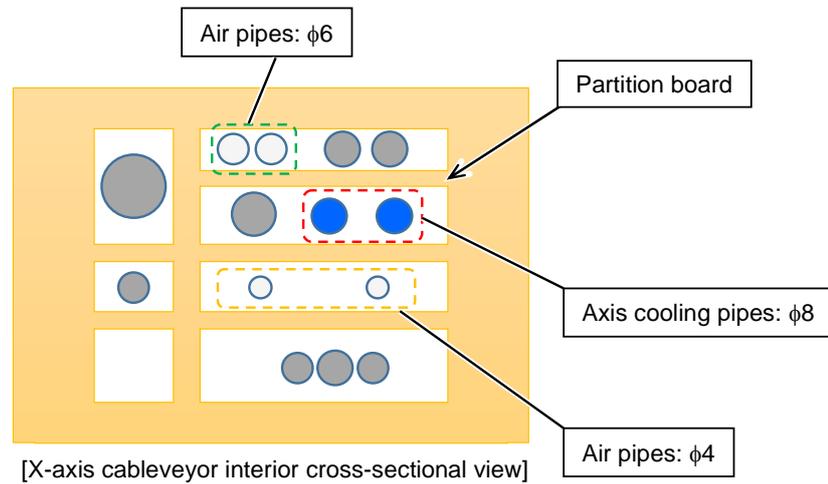
- It is not necessary to remove the partition board.



Inspection details (continued)

<X-axis cableveyor interior piping and wiring layout overview diagram>

Please inspect the air pipes and axis cooling pipes.



Related technical newsletter

Title: Reminder of Regular Inspection for Piping and Wiring
<https://www.disco.co.jp/eg/support/condition/doc/TNL2010-0018e.pdf>

Inquiries

Please contact your local DISCO sales representative or customer engineer if you have any questions regarding this matter.
