



**DISCO**

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To Our Customers

DISCO Corporation  
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### **Caution: Exposure Reworking of DISCO Hub Blades by a Third Party**

Thank you for using DISCO products.

It was recently confirmed that a company with no relation to DISCO (hereinafter referred to as third party) is being subcontracted to rework the exposures of used DISCO blades. The relevant third party has stated that their reworking treatment process for DISCO blades is comparable to DISCO's hub blade manufacturing process.

However, DISCO's hub blade manufacturing process is completely undisclosed, and it is hard to imagine that the reworking treatment process of the third party is comparable to DISCO's manufacturing process. It is suspected that the reworking process of the third party is different from DISCO's manufacturing process.

DISCO is not involved in the technology, manufacturing, or quality management for DISCO hub blades whose exposures have been reworked by the relevant third party (hereinafter referred to as reworked blades). The condition of the reworked blades is different from that of DISCO's products. DISCO is considering requiring customers to obtain a new qualification in order to use reworked blades. Not only are the reworked blades incompatible with customers' modification controls, but they also impact the processing quality. DISCO asks that you recognize the fact that using the relevant third party's service or their reworked blades may present risks.

Please note that DISCO does not guarantee security against defects related to the use of the reworked blades, including investigation of the blades. Moreover, please also note that DISCO is not liable for any damages or failures as a result of using reworked blades.

#### **Suspected Risks of Using Reworked Blades**

- **Processed material chipping**
- **Blade breakage**
- **Blade meandering**
- **Kerf width widening**

Etc.

Example: Si wafer chipping comparison



Internal test results using a DISCO hub blade



Internal test results using a reworked hub blade

End of report

Revision History

Version	Date issued	Revision contents
First version	Dec. 28, 2018	—
Second version	Aug. 25, 2022	Quality Assurance Manager name was changed