# Survey of Contained Chemical Substances (Introduction of chemSHERPA)

March 28, 2019 AMANO Corporation Procurement Division

## Survey of Contained Chemical Substances

Amano Corporation has been conducting surveys on the chemical substances contained in products using the chemSHERPA.

Scope of Survey

Products delivered to us that are subject to the Amano Corporation Green Procurement Guidelines.

(1) Raw materials and components of the products designed, manufactured, and sold by Amano

(2) Products designed and manufactured on behalf of Amano and labeled with its trademark for sale

(3) Products designed and manufactured by Amano as contract manufacturer

(except for the components and materials specified by client contractors)

\*For details, refer to section 2 "Scope" in the Amano Corporation Green Procurement Guidelines.

- Surveyed substances are those controlled by chemSHERPA.

-> The substances specified in the international standard IEC 62474\*

\*IEC 62474: An international standard (a substances list in the electrical and electronics industry) issued by the International Electrotechnical Commission (IEC) in March 2012 for the purpose of establishing and disseminating an efficient information conveyance system for standardizing surveyed substances and survey formats.

## Survey Method for Contained Chemical Substances

Submission Formats / Information to be Submitted

#### (1) Submission Formats

- Suppliers of chemicals: chemSHERPA-CI
- Suppliers of molded products: chemSHERPA-AI

Chemicals: Chemicals and mixtures

Molded Product: A product whose specific shape, appearance, or design given during manufacture determines the function of its end use greater than that by its chemical composition (e.g., paint, metallic iron materials, gears, integrated circuits, electrical products, and transportation equipment).

### (2) Information to be Submitted

- chemSHERPA-AI can provide two types of information: composition information and legal compliance judgment information.

Composition information: The content percentage (amount) of chemical substances contained in products, parts, and materials.

Legal compliance judgment information: Whether or not to contain substances subject to the specific laws and regulations, and industry standards (Yes or No).

Amano Corporation requires composition information and legal compliance judgment information as responses.

<Required Information to be Submitted> chemSHERPA-CI: [Basic information], [Composition information] chemSHERPA-AI: [Basic information], [Composition information], [Legal compliance judgment information]

## Survey Method for Contained Chemical Substances

Flow from Survey Request to Response

(1) Receipt of a survey request e-mail

Amano emails a request of survey to a supplier.

(2) Confirmation of the surveyed item

Please open the attached file with the chemSHERPA tool and check the contents.

(3) Creation of a response file

Please create a response file in the chemSHERPA format.

(4) Sending of the response file

Please e-mail the response file you created to Amano.



Page 4

Survey Method for Contained Chemical Substances

About chemSHERPA

- For more information on the chemSHERPA tool and its manual, please refer to the website dedicated to chemSHERPA.

chemSHERPA website: <u>https://chemsherpa.net/chemSHERPA</u>

Page 5