

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

DIVISION OF CORPORATION FINANCE

December 19, 2023

Michael Feehan Chief Financial Officer Ecovyst Inc. 300 Lindenwood Drive Malvern, PA 19355

> Re: Ecovyst Inc. Form 10-K filed February 28, 2023 Response dated November 30, 2023 File No. 001-38221

Dear Michael Feehan:

We have reviewed your November 30, 2023 response to our comment letter and have the following comment.

Please respond to this letter within ten business days by providing the requested information or advise us as soon as possible when you will respond. If you do not believe a comment applies to your facts and circumstances, please tell us why in your response.

After reviewing your response to this letter, we may have additional comments. Unless we note otherwise, any references to prior comments are to comments in our November 17, 2023 letter.

Form 10-K for the Year Ended December 31, 2022

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1. We note your response to prior comment 1. Since your percentages of sales reflect the combination of your 50% proportionate interest in your joint venture sales with your own consolidated sales, they do not comply with (i) and (ii) of Rule 101(a)(2) of Regulation G, as the numerator and denominator underlying the percentage calculations are comprised of non-GAAP numerical measures. Specifically, the inclusion of sales associated with your equity method investee, Zeolyst, with your consolidated sales results in an individually tailored revenue recognition accounting policy. Refer to Question 100.04 of the Non-GAAP C&DI's and confirm that you will no longer include these presentations in future filings.

Michael Feehan Ecovyst Inc. December 19, 2023 Page 2

Please contact Jeanne Baker at 202-551-3691 or Terence O'Brien at 202-551-3355 if you have questions regarding comments on the financial statements and related matters.

Sincerely,

Division of Corporation Finance Office of Industrial Applications and Services