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Laboratory Ventilation Design Levels Developed by ASHRAE Technical Committee 9.10, Laboratory Systems Laboratory Classification Subcommittee In partnership with American Chemical Society Division of Chemical Health and Safety and American Industrial Hygiene Association Laboratory Health and Safety Committee Atlanta

~~Classification of Laboratory Design Levels—ASHRAE~~

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Classification of Laboratory Ventilation Design Levels . This document provides background information to help classify, design, and operate LACs according to the LVDL table included in the appendix (Table3).

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~~Standards and Guidelines—ASHRAE~~

H. ASHRAE Laboratory Design Guide, 2015 I. American Chemical Society's Committee on Chemical Safety: Identifying and Evaluating Hazards in Research Laboratories, 2015 J. Fuel Gas Code K. Institute of Laboratory Animal Resources, "Guide for the Care and Use of Laboratory Animals." L. International Fire Code

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impact of the laboratory's ceiling height is identified as one reason why an air change approach does not adequately address the required contamination control (Section 7.5.1, Air Changes). ASHRAE Lab Guide–2001 : 4-12 ; The ASHRAE Laboratory Design Guide includes suggestions relating to the following: • Minimum supply air changes

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Lab Ventilation ACH Rates Standards and Guidelines January 3, 2012 White Paper Series Page 2 1.0 Introduction This document provides an overview of current US and European design practices, standards, and regulations regarding laboratory air change rate minimums for dilution

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