

2021

TLVs[®] and BEIs[®]

Based on the Documentation of the

**Threshold Limit
Values**

**for Chemical Substances
and Physical Agents**

&

**Biological Exposure
Indices**



ACGIH[®]

*Defining the Science of
Occupational and Environmental Health[®]*

Signature Publications

From: ACGIH customerservice@acgih.org
Subject: TLVs and BEIs Book Now Available
Date: January 14, 2021 at 2:59 PM
To: Frank Mortl III frankm@acgih.org

A

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Define YOUR Science

Dear Frank,

As an ACGIH member, you are entitled to a complimentary copy of the **2021 TLVs and BEIs** book. Simply visit the link below and complete a one-question survey to indicate your preference. You will need to login with your ACGIH member login credentials to complete the survey.

You have three options:

- Digital *2021 TLVs and BEIs* book format;
- Printed *2021 TLVs and BEIs* book format; or
- Both Digital and Printed *2021 TLVs and BEIs* book formats (extra fee of \$43.96)



[Follow this link](#) to tell us your choice.

Warmest Regards,
ACGIH Membership Services



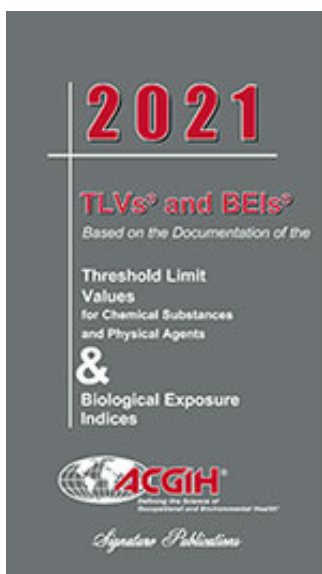
From: **ACGIH** customerservice@acgih.org
Subject: New TLVs Now Available
Date: January 19, 2021 at 10:01 AM
To: Frank Mortl III frankm@acgih.org

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PRINT & DIGITAL NOW AVAILABLE!



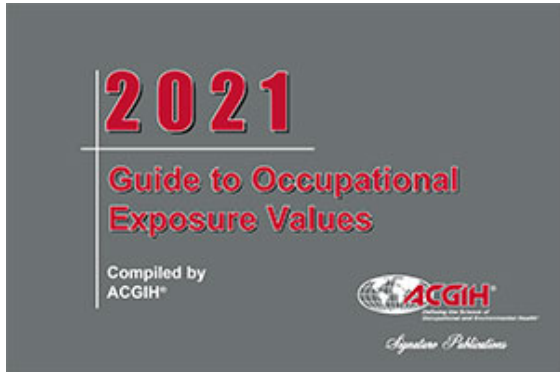
2021 TLVs® and BEIs®

The user-friendly, pocket-sized *TLVs and BEIs* book is used worldwide as a guide for evaluation and control of workplace exposures to chemical substances and physical agents. Threshold Limit Value (TLV) occupational exposure guidelines are recommended for more than 700 chemical substances and physical agents. There are more than 50 Biological Exposure Indices (BEIs) that cover more than 80 chemical substances. Chemical Abstract Service (CAS) registry numbers are listed for each chemical. Introductions to each section and appendices provide philosophical bases and practical recommendations for using TLVs and BEIs.

New this year, the first TLV specifically for a nano-sized particle is on the NIC for titanium dioxide. This TLV is of vital importance as the use of nano-sized TiO₂ is expanded in the green energy and consumer product markets. This TLV is only available in the 2021 edition, so get yours today.

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Order your [PRINT VERSION](#) today

DIGITAL NOW AVAILABLE!



2021 Guide to Occupational Exposure Values

PRINT AVAILABLE SOON!

This companion document to the ACGIH *TLVs® and BEIs®* book serves as a readily accessible reference for comparison of the most recently

published values: 2021 Chemical Substance TLVs from ACGIH; AIHA/OARS Workplace Environmental Exposure Limits (WEELs); the OSHA Final Rule PELs; RELs from NIOSH; MAKs from the German Commission for the Investigation of Health Hazards of Chemical Compounds in the Workplace; and carcinogenicity designations from ACGIH, OSHA, NIOSH, MAK, IARC, U.S. NTP, and U.S. EPA. The book includes a CAS number index.

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Why Become an ACGIH® Member?

ACGIH – the occupational, environmental, health, and safety industry’s first professional association (Est. 1938) – advances the careers of professionals interested in defining their science.

Recertification Opportunities – ACGIH offers a variety of distance learning platforms where members enjoy special pricing and discounts while earning CM Points! Opportunities include Virtual Webinars, in-person Courses and our **complimentary** 12 contact hour continuing education program, “The Action Level!®”.

Access to the Latest Industry Guides – Define YOUR Science with the help of discounted or complimentary guides and books, only for ACGIH members, including a free copy of the **annual TLVs® and BEIs® book** – a pocket-sized worldwide guide for evaluation and control of workplace exposures to chemical substances and physical agents. Other offers include:

- **10 complimentary downloads** of the 8th Edition (2020) Documentation of the TLVs® and BEIs®
- A complimentary **monthly subscription** to the *Journal of Occupational and Environmental Hygiene (JOEH)*
- **Free shipping** on domestic orders
- Member-only pricing and discounts on **ACGIH Signature Publications**

Connections to Scientific Peers – Advance your career by networking with and getting to know industry professionals and experts. **Volunteer** your skills and knowledge by serving on an ACGIH **Committee or Task Force**; following us on **Social Media**; or engaging with others in **your specific field of science** through virtual meetings/events, in-person courses, and webinars held throughout the year!

We look forward to having you join us!

From: **ACGIH** customerservice@acgih.org
Subject: ACGIH Summer Series On-Demand Webinars Available
Date: September 15, 2020 at 12:21 PM
To: Frank Mortl III frankm@acgih.org

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Define YOUR Education

NOW AVAILABLE!
All On-Demand Webinars
from Summer Series



Although the ACGIH® Summer Series Inaugural Event has ended, you can still get access to **ALL** the webinars from the 30+ hour series! Get On-Demand webinars from this top-notch educational series! This event offered an array of topics given from expert presenters.

Here are some of the titles available:

- *Understanding and Addressing Community Noise*
- *SARS CoV-2 – Ventilation, Cleaning, Disinfection and Environmental Testing*
- *Nanoparticles and Exposure: What Do We Need to Know?*

- *New Adventures in Mold*
- *CIH Preparation: Tips, Tricks and Lessons Learned*

[Click here](#) to view all webinar titles and to purchase them.

Rates: ACGIH® Members: \$49; Nonmembers: \$99

When purchasing and accessing these webinars, you will need to log into the learning management system at <https://acgih.talentlms.com/>. If you did not participate in any of the webinars in the Summer Series, you will need to create a login the first time you access the system.

Education credits are available for on-demand viewings. You have many options to engage in professional development. Certification maintenance requires hours, but you and your future require and deserve quality. ACGIH® has always delivered the highest quality occupational, environmental, health, and safety education available and you can expect the same from these On-Demand Webinars from the Summer Series!

Define **YOUR** Education Today!

Click Here to View Webinar Titles and to Purchase Today!



Define **YOUR** Science



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From: **ACGIH** customerservice@acgih.org
Subject: ACGIH Learning Pass
Date: January 6, 2021 at 10:00 AM
To: Frank Mortl III frankm@acgih.org

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ACGIH Offers New Virtual Learning Opportunity for 2021

Earn Credit Hours toward your Certifications!

ACGIH has released a new educational opportunity for 2021 – the **ACGIH Learning Pass**. The ACGIH Learning Pass includes 24 webinars, 2 a month, presented over the entire year. For one rate you get access to all of your educational needs in 2021. Some of the topics include:

- *A Risked-Based Approach to Respiratory Protection Programs During Pandemic Events*
- *Ethics and Professional Practice in 2021*
- *Novel Method for Pre-Ventilation of Shipping Containers*

From: **ACGIH** customerservice@acgih.org
Subject: Upcoming Webinars from ACGIH
Date: January 19, 2021 at 10:02 AM
To: Frank Mortl III frankm@acgih.org

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Define **YOUR** Education

UPCOMING WEBINARS *Earn Credit Hours toward your Certifications!*



January 27, 2021
Earn 1.5 Contact Hours!
Ethics and Professional Practice in 2021
2:00–3:30 PM EST

This webinar focuses on the OHS professional as an 'ethical professional' and complexity of ethics in OHS professional practice. It considers ethics in the context of the legal obligations of the OHS professional, introduces the concept of the OHS professional as 'moral agent,' and discusses ethical theory from a moral philosophy perspective as a basis for examining the role of formal codes of ethics and particular ethical challenges for OHS professionals.

This webinar is included with the Learning Pass.

[Click here to learn more and to register](#)

February 10, 2021
Earn 1.5 Contact Hours!
Novel Method for Pre-Ventilation of Shipping Containers
2:00–3:30 PM EST

Numerous sea containers arrive with high levels of hazardous volatile chemicals, including carcinogens, in the interior air. This presents a serious health risk during inspection and unstuffing. The problem remains largely unaddressed due to ignorance, lack of suitable field instruments for chemical identification, and lack of suitable ventilation methods. The webinar would address three topics: (1) which chemicals are found in the air of containers arriving in Sweden and at what levels, (2) personal exposure of workers unstuffing containers, and (3) a new, easy to use and efficient method ventilation of containers prior to unstuffing.

This webinar is included with the Learning Pass.

[Click here to learn more and to register](#)

February 24, 2021
Earn 1.0 Contact Hour!
The Genesis of VS Plates – How They Start, Change, and Retire
2:00–3:00 PM EDT

The webinar will discuss the origin of VS Plates, from the first editions of the manual to present, including some historical information on the development of the those early editions.

This webinar is included with the Learning Pass.

[Click here to learn more and to register](#)

March 10, 2021
Earn 1.0 Contact Hour!
A Study of an OSHA Beryllium PEL Exceedance at One Coal Fired Power Plant
2:00–3:00 PM EST

While performing personal air monitoring to comply with the new OSHA Beryllium standard in mid-2019, one coal fired power plants actually yielded the quite

unexpected finding of Beryllium present at levels above the PEL. The journey of this matter from start to finish poses a very interesting tale, and yields some important lessons learned.

This webinar is included with the Learning Pass.

[Click here to learn more and to register](#)

March 24, 2021
Earn 1.5 Contact Hours!
Natural Occurrences of Asbestos
2:00–3:30 PM EST

Clusters of disease have occurred associated with disturbance of asbestos-containing rocks. The appearance of potentially hazardous minerals often comes as a surprise when construction is not taking place in areas of known asbestos mining. Serpentine is so common in California that it is considered the official State rock, but it typically hosts the asbestos mineral chrysotile, and other minerals may also be encountered. Minerals are defined by chemical composition and crystallography. A suite of amphiboles is regulated because they had been mined for asbestos, but other amphibole compositions exist with different names and these can also be problematic.

This webinar is included with the Learning Pass.

[Click here to learn more and to register](#)

Rates

Webinar Attendance:

ACGIH Members: \$99; Nonmembers: \$205

Webinar Attendance *plus* Recording of Webinar:

ACGIH Members: \$125; Nonmembers: \$250

**New Virtual Learning
Opportunity for 2021!**

*Earn Credit Hours toward your
Certifications!*

ACGIH has released the **ACGIH Learning Pass**. Includes 24 webinars, 2 a month, presented over the entire year.



From: **ACGIH** customerservice@acgih.org
Subject: ACGIH Offers Industrial Ventilation Resources
Date: January 12, 2021 at 10:51 AM
To: Frank Mortl III frankm@acgih.org



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Define YOUR Science

ACGIH Offers Industrial Ventilation Resources

Fundamentals in Industrial Ventilation & Practical Applications of Useful Equations

“The World’s Best FIV Course!”
32 hours of instruction to earn CIH CM credits and/or BCSP recertification points

Instructed by industrial ventilation experts Gregg Grubb, CIH and Jonathan Hale, MPA, ACGIH's *Fundamentals in Industrial Ventilation & Practical Applications of Useful Equations* (FIV) course covers both basic and advanced topics related to industrial ventilation and related calculations.

2021 Courses Offered:

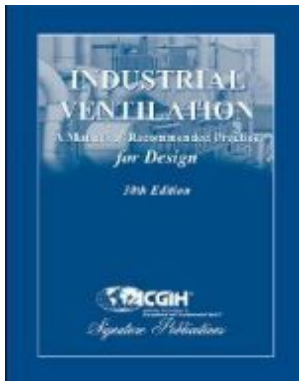
[March 22–26, 2021](#) – Cincinnati, Ohio

[May 3–7, 2021](#) – Chicago, Illinois

[September 13–17, 2021](#) – Chicago, Illinois

[October 25–29, 2021](#) – Chicago, Illinois

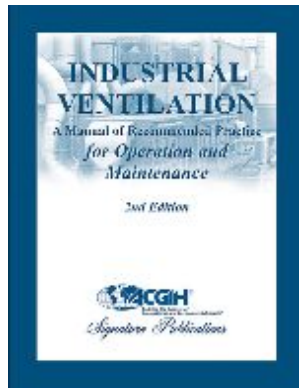
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**Industrial Ventilation:
A Manual of
Recommended
Practice for Design,
30th Edition**

Member - \$127.96
Nonmember - \$159.95

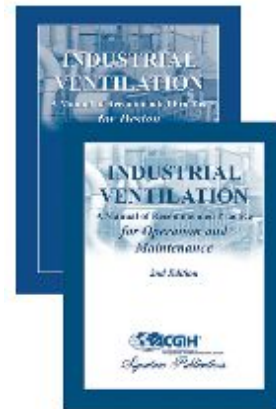
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**Industrial Ventilation:
A Manual of
Recommended
Practice for
Operation and
Maintenance, 2nd
Edition**

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Other

- Awards**
- Herbert E. Stokinger Award
- Meritorious Achievement Award
- William Steiger Memorial Award
- John J. Bloomfield Award
- William D. Wagner Award
- Robert T. Hughes Memorial Award
- Awards Nominations Form
- Volunteer Involvement
- Career Center
- Bylaws
- Member Ethical Principles

Awards

Each year, ACGIH® honors individuals who have made significant contributions to the profession through their leadership and dedication. These prestigious awards are presented at the annual AIHce, and past winners comprise a virtual "Who's Who" in ACGIH® and industrial hygiene overall.

Awards Nomination Form – To nominate someone for one of these awards, [click here](#) to fill out the form.

Herbert E. Stokinger Award

Initiated in 1977, the Herbert E. Stokinger Award recognizes significant contributions in the broad field of **industrial and environmental toxicology**. The award's namesake served as Chairman of the Chemical Substances Threshold Limit Values Committee from 1961–1975.

The Stokinger Lecture, presented by the awardee, is an annual highlight of the American Industrial Hygiene Conference and Exposition (AIHce).

[View Recipients](#) ▶

Meritorious Achievement Award

The Meritorious Achievement Award recognizes members of ACGIH® who have made an **outstanding, long-term contribution to the progress of occupational health and environmental hygiene**. First presented in 1957, it is the organization's oldest award. It has been given to individuals for singular achievement and to groups for collective accomplishment.

[View Recipients](#) ▶

William Steiger Memorial Award

The William Steiger Memorial Award honors individuals from the **social/political sphere whose efforts have contributed to advancements in occupational health and safety**. Initiated in 1979, this award is not limited to occupational safety and health professionals.

[View Recipients](#) ▶

John J. Bloomfield Award

The John J. Bloomfield Award was established in 1978 and is presented annually to a **young industrial hygienist who has made significant contributions to the profession by pursuing occupational health hazards, primarily through fieldwork**. The recipient must have at least three but less than ten years of experience in occupational health and must spend a minimum of 50 percent of his/her time conducting industrial hygiene studies and documenting the data involved.

The Bloomfield Award recipient is invited to Board of Directors' meetings as a special guest for one year, followed by one year with a major committee of their choice.

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William D. Wagner Award

The William D. Wagner Award was established in 2003 and is presented annually to honor a person in the field of **national and international worker health and safety** who has followed Mr. Wagner's outstanding example of commitment and dedication **to the creation and dissemination of occupational exposure values (OEVs)**.

The Award recipient will be chosen each year by one of the ACGIH® OEV Committees on a rotating basis.

The OEV Committees will make nominations and the awardee will be selected at least six months prior to the applicable Committee's fall meeting. The Award will be presented at the Committee's fall meeting. The Awardee will be invited to speak to the OEV Committee and guests on some aspect of international worker health and safety.

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Robert T. Hughes Memorial Award

The Robert T. Hughes Memorial Award was established in 2015 and first awarded in 2016. It recognizes outstanding individuals in **the field of industrial ventilation**.

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ACGIH® COMMUNITY



ACGIH® Announces 2021 Election Results
ACGIH® is pleased to announce new members for its 2021 Board of Directors and its

2021 Nominating Committee. [Click here](#) to view press release..

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PUBLICATIONS

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Today! Online Newsletter

Journal

Journal of Occupational and Environmental Hygiene (JOEH)

JOEH Copyright Permission Request

Publication Categories

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- Ergonomics
- Hazardous Materials/Waste
- Indoor Air Quality
- Medical/Toxicology
- Physical Agents
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- Promotions
- Digital Editions



From: **ACGIH** customerservice@acgih.org
Subject: ACGIH Exposure Weekly
Date: January 21, 2021 at 10:14 AM
To: Frank Mortl III frankm@acgih.org

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A weekly newsletter from ACGIH®

January 21, 2021

WEEKLY FEATURE

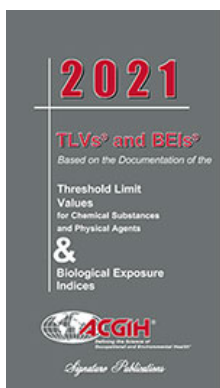
ACGIH Calls for Nominations for 2022 Board of Directors and Nominating Committee



The ACGIH [Nominating Committee](#) is seeking suggestions from the membership for candidates for the **2022 ACGIH Election Ballot**. Vacant positions for 2022 are: Three (3) Directors for the Board of Directors, and three members for the 2022 Nominating Committee. The 2021 Nominating Committee and ACGIH depend on your contributions and ask that you nominate individuals that you think would be a good representative of the membership. Suggestions can be submitted online by [clicking here](#) and must be received no later than **February 19, 2021**. When making a nomination you will be asked to include a current copy of the Curriculum Vitae of the individual you are suggesting, as well as a statement indicating why this person should be nominated.

[Click Here to Nominate](#)

Now Shipping – 2021 TLVs® and BEIs® Book



The **Printed 2021 TLVs and BEIs Book** is now available and is currently being shipped to all members who have requested it. If you have not yet made your choice on which version you'd like, digital or printed, watch your mailbox for an email with a link to request your copy. For an extra fee, you can get both digital and printed versions.

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