

Fall 2016 SCHC Meeting

SDS & Label Authoring Registry Update

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What is a Registry?

- Listing of qualified individuals who continually demonstrate their competency in a specialty area
- Through application and competency assessment, registry programs verify an individual's knowledge and abilities in a specialized area of practice
- Assure a level of quality among professionals

SDS & Label Authoring Registry

Program Overview

- 95 Registrants
- Assessments Delivered 2016
 - 12
 - 5 today
- Pass Rate – 2012 to Present

Part 1	Part 2
47%	75%

SDS Core Team Meeting

- March 2016 meeting
- Advisory and steering
- SCHC and AIHA representation

Sabrina Caldwell

Chandra Gioello

Molly Coskran

Bob Skoglund

Denese Deeds

Kathy Thompson



AIHA
Registry
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What's New?

- Brand Refresh
- SDSRP Designation
- Renewal Scheme
- Remote Proctoring
- Body of Knowledge Update
- Item Authoring/Exam Update

Brand Refresh



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Brand Refresh



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But what about...



Replaced with:

SDSRP Designation

Safety Data Sheet Registered Professional

Requires affirmation to updated *Guidelines for Use of SDSRP Designation* by current Registrants



Renewal Scheme

There are now **two** way to maintain your SDS and Label Authoring Registered Professional credential.

Re-assessment

- Successfully retaking the two Part examination
- Assessment fee
- [Remote proctoring](#) available, for additional fee

Renewal

- Obtaining 10 renewal points over the 5-year registration cycle
- Renewal fee

Additional information:

<https://www.aiha.org/registries/lar/Pages/SDS-Registry-Renewal.aspx>



Body of Knowledge (BoK) Updated

Body of Knowledge

1.0 Math and Science (19%)

1.A. General mathematics & computation

- 1.A.1. Calculate composition percentages
- 1.A.2. Calculate percentages of pure substances in mixtures of mixtures
- 1.A.3. Convert and calculate ppm, ppb, and ppt into weight/volume percent
- 1.A.4. Convert ppm to mg/L, mg/mL, and g/L; and vice versa for liquids and solids
- 1.A.5. Convert ppm to mg/L or mg/m³ and vice versa for gases, vapors, dust and mists
- 1.A.6. Understand the relationship between density and specific gravity
- 1.A.7. Convert temperature in Celsius to Fahrenheit and vice versa
- 1.A.8. Understand standard unit/metric system

1.B. General Chemistry

- 1.B.1. Understand the differences between atoms elements and compounds
- 1.B.2. Demonstrate an understanding of the major types of chemical identifiers and their use (ex: CAS numbers, UN Numbers, EINECS, etc.)
- 1.B.3. Demonstrate an understanding of the main types of compounds (organic, inorganic, monomers, polymers, surfactants, solvents, acid, bases)
- 1.B.4. Identify key characteristics of the main types of organic compounds (Alkanes, Alkenes, Alkynes, Aromatic Hydrocarbons, Alcohols, Amines, Acids, Amides, Esters, Ethers, Halogens, Nitros, Aldehydes, Ketones, Isocyanates, Peroxides)
- 1.B.5. Understand the main chemical and physical properties included on a SDS under the GHS
- 1.B.6. Demonstrate an understanding of the various types of solubility (highly soluble, soluble, slightly soluble, nonsoluble)
- 1.B.7. Understand what pH is and how it is calculated
- 1.B.8. Understand and identify reaction products
- 1.B.9. Understand the differences between stability and reactivity
- 1.B.10. Differentiate between the three physical forms (gas, liquid, solid) and understand the hazard potentials for each
- 1.B.11. Understand the route of exposure potential for the different physical forms

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What changed?

- More aligned with the exam
- Added knowledge and skill statements within each knowledge area
- Knowledge area weighting has changed

Body of Knowledge (BoK) Updated *cont'd*

- SDS exam revised, based on new content outline, effective Fall 2017
 - AIHA provides at least six months' notice to the public of substantive changes to a content outline before implementing it onto an exam
- Available as a free downloadable resource on the AIHA website: <https://www.aiha.org/publications-and-resources/BoKs>



BoK Project Team Members

- **Atanu Das, CHMM**
- **Daniel Levine, CHMM**
- **Denese Deeds, CIH, FAIHA**
- **Diana Sheldon, CSP**
- **Helen Hatch**
- **Jennifer Kirkman**
- **Kathy Thompson**
- **Katie McGee**
- **Lori Zemen, CIH**
- **Michele Sullivan, PhD**
- **Molly Coskran, CIH**
- **Paul Brigandi**
- **Petra Mckewin**
- **Robert Skoglund, PhD, DABT, CIH**

Item Development

- Items (test questions) are currently being written to the updated BoK
- Deadline for submission is **Monday, October 3**

Upcoming volunteer projects...

Recruiting volunteers to attend an in-person Item Development Workshop at AIHA headquarters in November to review newly written items

To participate in any of these volunteer opportunities please contact Stacy Calhoun (scalhoun@aiha.org).

SDS Exam Format

Two part, four hour exam

- Part 1 - General Knowledge
 - 75 multiple choice questions
 - Based on the current BoK
- Part 2 - Skills Assessment
 - Substance classification, mixture classification, SDS development



Online Testing and Remote Proctoring

- Secure and still proctored
- Better analytics
- Faster results
- Greater flexibility in scheduling
- Can be made available outside the US
- Easy group testing

<https://www.aiha.org/registries/lar/Pages/Remote-Proctoring.aspx>