



## Making Workers' Safety Training Credentials Portable

### Design of a Portable Safety Database for Construction

*Alice Freund and Norman Zuckerman. CPWR Report, December 2011.*

#### Overview

The goal of this study was to bring together labor unions and employers in the New York City construction industry to design a portable health and safety database that can be used to keep track of personal protective equipment tests, results of medical surveillance, and safety and health training certifications. A portable database is a database that is "carried" with a worker from job to job, in the same way that their cards or paperwork would be. By making the database internet-accessible by any participating employer, contractors can rely on training and personal protection that was provided by an approved organization (such as an apprenticeship training program). They can speed the hiring process, avoid duplication of effort, and compare hearing tests from one job to the next.

#### Key Findings

- Parameters of a portable health and safety database that can be accessed from a smart phone or other electronic device were designed by a hazardous materials removal union and their contractors' association.
- With input from the union and contractors' association, a model of the database was produced (see screen shots of the database as it would appear on a smart phone below, or go to <http://safetycred.c-arts.com/> and follow the links).
- Obstacles and incentives for creating a larger database that would include data from other unions and contractors were identified.
- Some of the important databases currently in use in New York City were identified and described.
- Some portable, shared, health and safety databases in use or in the planning stages for the construction industry outside of New York City were identified and described.

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#### See full report:

<http://bit.ly/1jMLraU>

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[Handout for Members](#)

**SafetyCred** *for Members*

Name: Edison Severino  
Login info:  
    Login ID: edisonseverino1245  
    Password: secretsecret

Explanation of what the system does and how to use it

Suggestion that they bookmark the login URL ([www.safetycred.org/member](http://www.safetycred.org/member)) and store their login information in their smartphone.

[Member Interface Screen 1](#)  
[www.safetycred.org/members](http://www.safetycred.org/members)

**SafetyCred** *for Members*

Login ID: \_\_\_\_\_  
Password: \_\_\_\_\_  
     Remember me

    Login ID format: johndoe9876  
    [Can't access your account?](#)

[Submit](#)

[About SafetyCred.org for Members](#)  
[Request an account](#)

[Member Interface Screen 2](#)

**SafetyCred** *for Members*

**About SafetyCred for Members**

SafetyCred is a website for Laborers Local 78 members. It allows you, your union, and your employers to check the status of your safety and health credentials and other information including trainings, licenses, respirators, and hearing tests. Documents needed by your employers can be sent by computer or smart phone.

[Request an account](#)