



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.

Continued on next page...

For more information, contact:

Alice Freund: alice.freund@mssn.edu

Norman Zuckerman: norman.zuckerman@mssm.edu

See full report:

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

©2014, CPWR – The Center for Construction Research and Training. CPWR, the research and training arm of the Building and Construction Trades Dept., AFL-CIO, is uniquely situated to serve construction workers, contractors, practitioners, and the scientific community. This card was made possible by a cooperative agreement with the National Institute for Occupational Safety and Health, NIOSH (OH009762). The contents are solely the responsibility of the authors and do not necessarily represent the official views of NIOSH.



THE CENTER FOR CONSTRUCTION
RESEARCH AND TRAINING

WWW.CPWR.COM



**Design of a Portable Safety Database
for Construction**

... Continued from previous page.

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) and store their login information in their smartphone.

Member Interface Screen 1
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