

# Closed-Circuit Escape Respirator (CCER) Standard Update - FY13 (927PP18\_CCER)

## Objective:

Develop new certification standards for the approval of self-contained, closed-circuit breathing apparatus used for escape from atmospheres considered to be immediately dangerous to life and health.



## Applicable Standards related activities

42 CFR 84

## Key Partners

MSHA

## Stakeholders

- BCOA
- NMA
- UMWA
- USWA
- SCSR manufacturers
- SCSR Users



## Project Scope

- Develop new basis for measuring and rating duration of use
- Environmental challenges (heat, cold, as well as mechanical shock and vibration) to evaluate ruggedness against expected hazards
- Evaluate practical performance and human factors
- Periodic testing (LTFE) of field deployed apparatus.
- Voluntary registration

## Milestones

- Final Rule was published in the Federal Register on 03/08/2012.
- Effective date of Final Rule is 04/09/2012.
- STPs completed 3QFY12.

## Outputs

- New certification standards for self-contained, closed-circuit breathing apparatus used for escape.
- New STPs

## Outcomes

Improved overall performance, reliability, and safety of this type of respirator.

Updated: 10 April 2013