

CPSC's Carbon Monoxide Grant Program

Michaela Campbell, Congressional Fire Services Institute



History of the Grant Program

- Established in 2022 by the Nicholas and Zachary Burt Memorial Carbon Monoxide Poisoning Prevention Act
- Longtime advocacy effort by many fire and emergency services organizations to pass this bill into law
- Received **\$2M** in funding from FY23 appropriations
- Potential for FY24 funding



Use of Grant Funds

- Purchase and install compliant carbon monoxide alarms
- Training materials and instructions
- Public education activities



Eligibility - Entities

- **State**
- **Local Governments**
 - County, municipality, city, town, township, local public authority, school district, special district, intrastate district, council of governments, or any agency or instrumentality of a local government.
- **Tribal Organization**

*Applications may be filed on behalf of the State or Tribal organization by the **fire safety code enforcement agency** of that State or Tribal organization. The fire safety code enforcement agency may submit an application on behalf of an eligible applicant.



Eligibility - State or Local Law Requirements

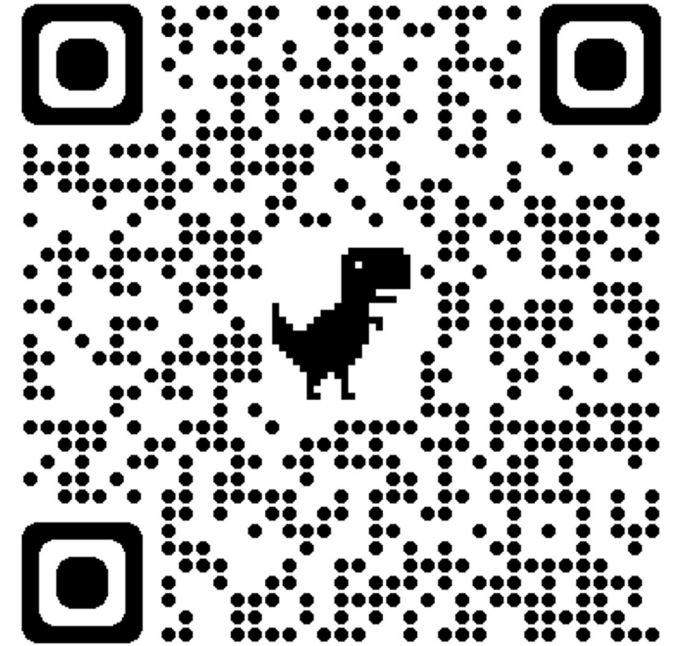
“An applicant must have adopted a statute or a rule, regulation, or similar measure with the force and effect of law, which requires compliant carbon monoxide alarms to be installed in dwelling units in accordance with National Fire Protection Association (NFPA) 72, the International Fire Code (IFC), or the International Residential Code (IRC).”

*A copy of the applicable measure must be submitted with the application



How to Apply?

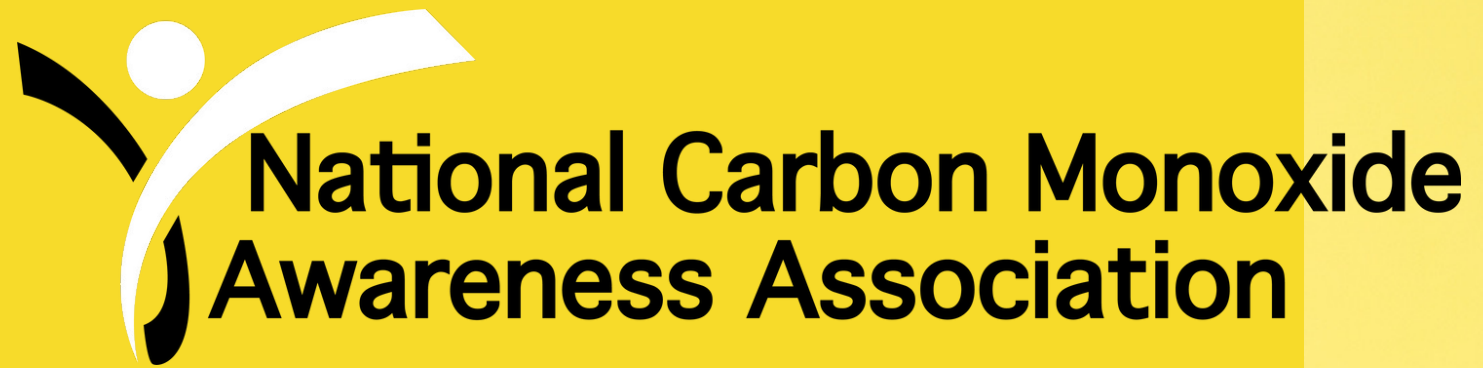
- Go to www.Grants.gov
- Register with Grants.gov ASAP - can take up to 1 month for approval (requires a Unique Entity ID from SAM.gov)
- Funding Opportunity Number CP-NZB-23-001



Award Timeline and Information

- Due Date for Applications: **December 15, 2023**
- Anticipated Award: **March 1, 2024**
- Anticipated Total Annual Available Funding: **\$2.0 million**
- Budget/Project Period Length: **Two (2) years**
- Individual Award Range: **\$50,000 to \$400,000**
- Cost Share or Match: **Cost Share, 25% (not applicable for Tribal Organizations)**





Partnering with NCOAA





Why this is so important



The Nicholas and Zachary Burt Memorial Carbon Monoxide Poisoning Prevention Grants only allow for \$2,000,000 of funding per year (\$50,000-\$400,000 per grant)

We must demonstrate the demand for this funding in order to request increased funds in future years.

How NCOAA Can Help

- Resource repository at www.ncoaa.us/cpsc
- We can also help you design and implement your public education efforts. We will build a curated database of educational videos, social media campaigns, PSAs, webinars, blogs, infographics, and so on.



How NCOAA Can Help

- Generator deaths following winter storms and hurricanes are a leading cause of carbon monoxide deaths
- We can develop generator safety materials in English and Spanish for populations in your state that are most at risk



How NCOAA Can Help

- Racial and ethnic disparities are seen in carbon monoxide poisoning across the U.S.
- We can tailor your CO safety materials to the audiences you're targeting



Interested in Partnering?

Let's meet!

Upon agreeing to partnership terms, NCOAA will provide you with the following items at least 1 week before the grant submission deadline:

- a letter of support,
- a memorandum of understanding (upon request),
- a price quote for the services discussed,
- a 1-page summary of our organizational background, including our qualifications serving diverse populations through public health programming, and
- a 1-page summary on the services we would be providing through the grant.



☰ Contact Us



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Carbon Monoxide Webinar

About Rely - our company, brand and products

October 26, 2023

About Us – Parent Company: National Presto Industries

National Presto was founded in 1905 in Eau Claire, Wisconsin, and is recognized as a leader in the electric housewares industry due to its long history of innovation, which has created major new categories of products. National Presto operates in three business segments:



Segments / Companies



Defense Segment



Housewares Segment



Life Safety Products



About Us – Rely: Our Team. Our Mission.

Our Team

- The Rely team includes over 30 professionals with over 500 years of combined experience at all the major home safety brands and working successfully with our customers.
- We are committed to applying our combined knowledge to building an improved and more reliable safety products experience for customers.

30+ Professionals

500+ Years of Combined Fire Safety Industry Experience

100+ Successful Product Launches:

- Worry Free 10-Year
- Combination Alarm with Voice
- Dual-Sensor Technology
- Firex™ Brand
- Kitchen Fire Extinguisher

Our Mission

- To provide innovative and intuitive safety technology solutions that empower organizations and individuals to protect what's most important.

“

A huge thank you for your product. It went off this morning and saved my family and pets.

”

— Christina, CO Alarm Owner



Consumer Research – Confusion Abounds

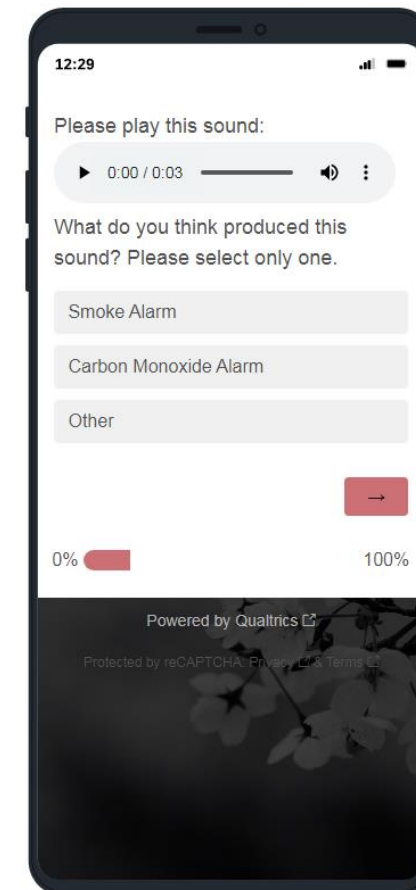
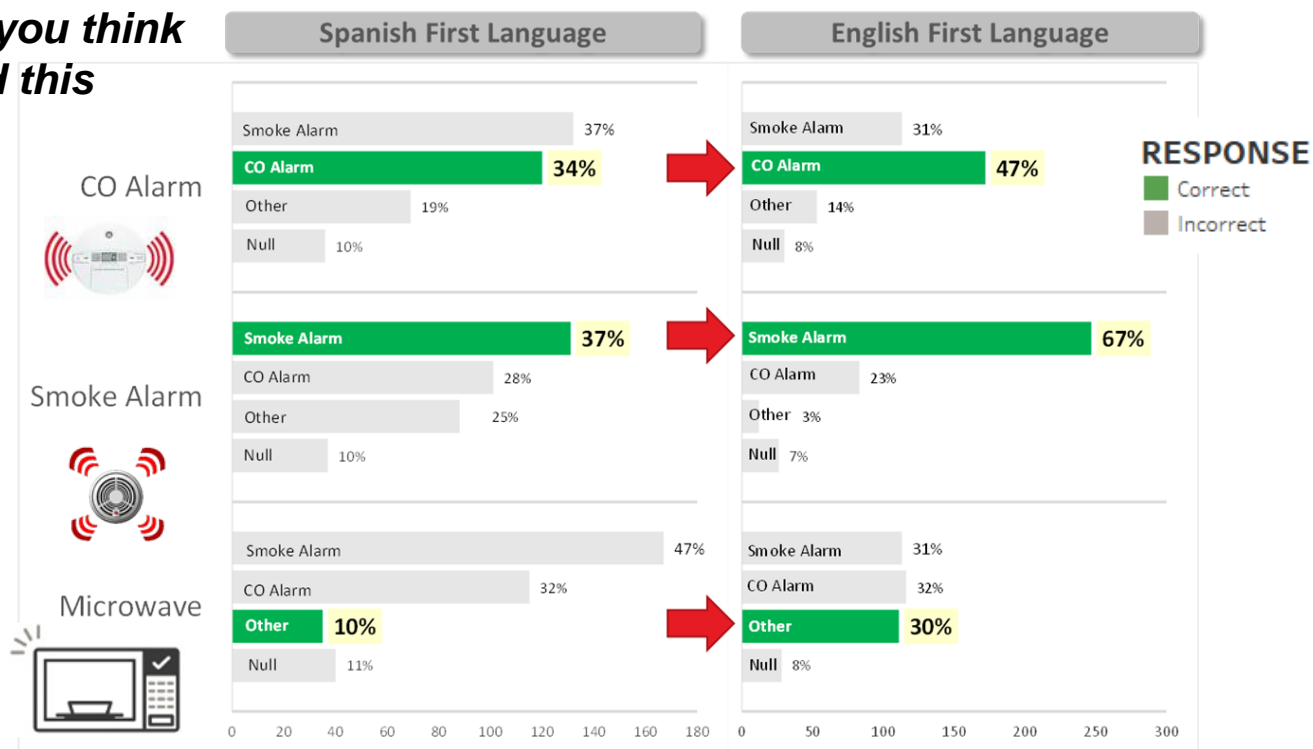
Consumer Survey on Alarm Sound Awareness

Purpose

- Statistics around T3 & T4 sound confusion
- Importance of differentiation with verbal commands

US Consumers are most familiar with smoke alarms

What do you think produced this sound?*

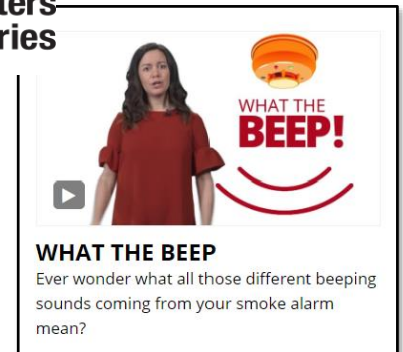


The Issue of Education

- With the onset of many legislative anniversaries, manufacturers are struggling to educate the public about what both carbon monoxide and smoke alarms are trying to communicate. **This education is difficult ...**
- In the event of an emergency, alarms need to provide improved notification, and a clear course of action. **Homeowners do not have time to locate a manual or go online to determine what is occurring. This is when seconds count.**
- The fire services and regulatory bodies have labored mightily to communicate the importance of installing CO alarms and have done an effective job – **now they are struggling with how to inform the public about what these alarms are trying to communicate.**



**Underwriters
Laboratories**



The alarms themselves should be **effective communicators.**

This is Where/When Product Innovation Makes Sense



INFORMS

Alarm provides over 20 different voice alerts which describe the current threat. Alerts can be provided in English or Spanish.


Voice alerts available for high levels of CO, low levels of CO, changes in alarm status and end-of-life.

A scrolling LCD display provides additional information about the current threat.


DIRECTS

Alarm will also provide suggested actions to help guide user in the event of an emergency.

Directions are provided using voice alerts in combination with easy-to-understand icons on the LCD display.

“Call 911”: 

“Exit immediately”: 

“Ventilate area”: 

ALERTS

Loud, 85 decibel alarm sounds when carbon monoxide is detected.



by **rely**

Audible & Visual Notification

22 AUDIBLE ALERTS INFORMATION & DIRECTION

Dangerous CO Levels Detected

"Dangerous level of carbon monoxide detected! Evacuate immediately and contact emergency responders. Dial 911! Press the status button to repeat this message"



English



Spanish

End of Life Warning

"Your unit has come to the end of its usable life. Replace unit immediately. Unit will not respond to CO. Press status button to repeat this message"



English



Spanish



Alerts in both English & Spanish

WARNING



Dangerous Level of Carbon Monoxide Detected

MESSAGE

DANGEROUS CO LEVEL:
333 PPM - EVACUATE

ACTION



Call 911



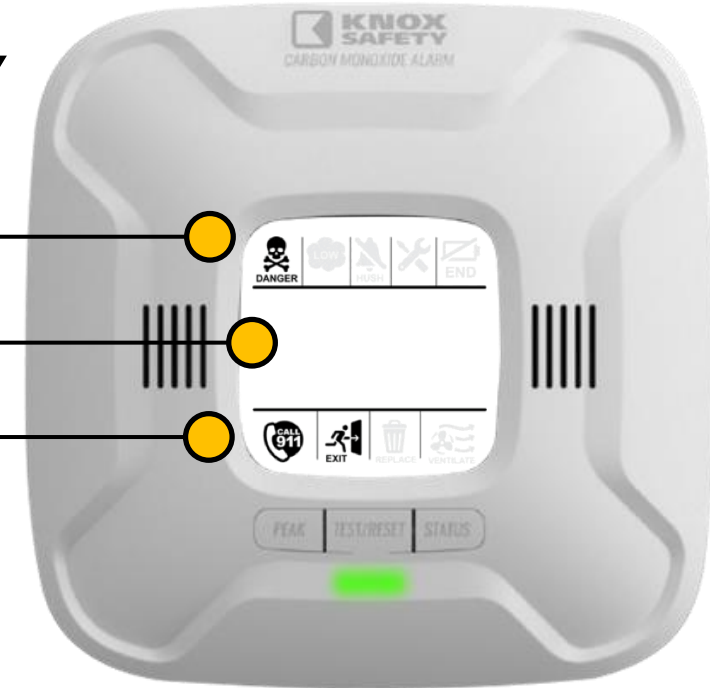
Exit Home

DIGITAL DISPLAY LAYOUT

Warning Zone

Message Zone

Action Zone



WARNINGS



High CO Levels



Low CO Levels



Hush Mode Activated



Unit Malfunction



End of Life

ACTIONS



Call 911



Exit Home



Dispose of Alarm



Ventilate/Open Window



Multi-Language Alerts at the Push of a Button

A Community Often Ignored by Manufacturers

- ~18% of US households speak Spanish¹
- Spanish is the second most spoken language in the US²
- Rely's Knox Safety alarms are the only stand-alone Carbon Monoxide alarms with Spanish language messaging – providing information and direction in the event of an emergency

¡Se ha detectado un nivel peligroso de monóxido de carbono! Evacuar inmediatamente. ¡Llame al nueve uno uno! Presione el botón de estado para repetir este mensaje!



Su unidad no ha detectado monóxido de carbono recientemente. No se requiere ninguna acción adicional. Estás protegido por Knox Safety.

1 - US Census/Census.gov, 2019
2 - Business Insider, August 12, 2020



Alerts in both
English & Spanish

Rely - Knox Safety CO Alarms – How to get them

CO Alarms

Battery - 10-Year Sealed



Model 7000



120V Plug-in w/ 10-Year Battery Back-up



Model 7200



Fire Department / Non-Profit Ordering Program

- Contact Rely at support@relyinc.com and request pricing, Bid Specs, or an Order Form.

The Knox Safety Carbon Monoxide Alarm is the only CO alarm with both voice alerts and a scrolling LCD display that provides instructions in English or Spanish

Product Features:

- Ten Year Sealed Battery
- Large Intelligent Display
- Voice Alerts - Instructive, Bilingual
- Trio Warning System: Alerts, Informs, Directs
- Alarm Hush
- End-of-Life Alert
- UL 2034, CSFM, NFPA 720 Compliant
- Ten Year Warranty

rely CARBON MONOXIDE ALARM PURCHASE PROGRAM

Rely is pleased to offer a purchase program that will allow Fire Departments and Non-Profit Organizations the ability to purchase Knox Safety brand carbon monoxide alarms at a discounted rate.

Item	Description	Quantity	Unit Price	Total Price	Total Cost
7200	Knox Safety CO Alarm, Plug-in	3			
7000	Knox Safety CO Alarm, Battery	3			
Shipping for orders over \$1000.					FREE
Grand Total					

DELIVERY DETAILS

Option 1: Check
To pay by check, send this order form with a check made payable to Rely Innovations, Inc.
Mail Orders to: Fire Department Purchase Program, Rely Innovations, 3245 North Hastings Way, East Carleton, WI 54503

Option 2: Credit Card
To pay by credit card, email the form to support@relyinc.com. Rely will contact you directly to securely obtain your credit card information.

Bid Spec

Order Form

KNOX SAFETY PRODUCTS RESOURCES SUPPORT WHERE TO BUY

Carbon Monoxide Alarm 10-Year Battery Operated Model 7000

Watch over your home and know you're safe with this easy-to-install and easy to understand carbon monoxide alarm. The only alarm that informs, directs, and alerts you in an emergency. Mount it anywhere with included hardware.

Shop your local store below for the current price.

BUY NOW

Website