



April 24, 2020

Mr. Brian J. Wagner
President
National Association of Postal Supervisors
1727 King Street, Suite 400
Alexandria, VA 22314-2753

Certified Mail Tracking Number:
7019 2280 0001 6261 0098

Dear Brian:

This is in further reference to the Postal Service notice dated June 26, 2017, (enclosed) on the proof of concept regarding the use of sensor technologies in a plant environment.

As previously explained, this initiative consists of utilizing badges and wireless sensor readers to evaluate the effectiveness of the collection of data in an autonomous and passive manner.

The Postal Service plans to utilize an alert system that will allow employees who work within sensor enabled work zones and wear sensor enabled badges, to request supervisory assistance to their work zone. There are two versions of the alert system, Buttonless and Button Enabled. These system features will be activated on May 18.

Enclosed are the following.

- Buttonless Alert System Stand-Up Talk
- Button Enabled Alert System Stand-Up Talk

If there are any questions, please contact April Cutchember of my staff at 240-321-4768.

Sincerely,

A handwritten signature in blue ink, appearing to read "Rickey R. Dean".

Rickey R. Dean
Manager
Contract Administration (APWU)

Enclosures



July 26, 2017

Mr. Brian J. Wagner
President
National Association of Postal Supervisors
1727 King Street, Suite 400
Alexandria, VA 22314-2753

Certified Mail Tracking Number:
7016 1970 0000 3442 6323

Dear Brian:

As a matter of general interest, the Postal Service plans to conduct a proof of concept regarding the use of sensor technologies in a plant environment.

This initiative will consist of utilizing badges and wireless sensor readers to evaluate the effectiveness of the collection of data in an autonomous and passive manner. Additionally, the technology will be assessed to determine capabilities regarding maintenance or safety alerts and mail piece identification and/or location within the facility.

Plans for the location of the proof of concept installation and testing are still being finalized and will be provided at a later date.

Enclosed is a PowerPoint that further explains the initiative.

Please contact Bruce Nicholson at extension 7773 if you have any questions concerning this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Rickey R. Dean", written over a horizontal line.

Rickey R. Dean
Manager
Contract Administration (APWU)

Enclosure

PLEASE PRINT, READ, CERTIFY & POST THIS STAND-UP TALK

Button Enabled Alert System

What is the Button Enabled Alert?

This feature allows employees, who work within the sensor enabled work zones and wear sensor enabled badges with buttons, to request supervisory assistance to their work zone. The ability to step into an alert zone and press a button on a badge, in a non-walkway, non-EBR work zone, allows individuals to request assistance for their work zone from the supervisor. The button enabled alert system does not work in break areas, walkways, offices, and restrooms.

Sensor alert enabled zones are (in Merrifield P&DC) listed below:

- Entire South dock
- West dock doors 40 to 57
- SPSS and the immediately surrounding staging areas
- Low Cost Tray Sorter (LCTS) Induction
- LCTS to DPS Staging
- CIOSS 1
- Manual Letters Operations
- Manual Flats Operation
- Delivery Barcode Sorters 32, 16, 17, and 18

Acceptable Alert Situations	Comment
Urgent Medical Attention is Required ***Call 911 for medical emergencies	
Consistent Machine Issues	
Mail Processing Significantly Impacted	
Safety hazard	

Alert Process

To trigger an alert, the employee must step into the closest alert zone, press the button on the badge, and remain in zone for 15 seconds. The system will create an alert for the supervisor. If the employee steps out of the alert zone, the alert will clear itself, they must remain in the alert zone to keep it active.

The supervisor reports to the alert zone, address the situation, and corrects the issue when possible. If the issue is resolved, the supervisor will clear the alert with their badge by standing in the zone that created the alert. If the supervisor cannot resolve the issue, maintenance personnel will be contacted for assistance. Once maintenance or management has resolved the issue, they



will clear the alert while standing in the alert zone, log the problem and solution into the maintenance report log.

Benefits for users of sensor-enabled-badges with a button:

- **Identify Problem**
 - Users can report a problem that needs a supervisor's attention.
- **Communicate and Resolve**
 - Users can request supervisory help to their work zone to help solve a situation without the user having to leave their work area.
- **Documentation and Satisfaction**
 - Supervisors and maintenance can log both the problems and solutions.
 - Logged events can be used to develop better processes and reduce recurrence.

STATION CERTIFICATION:

Station Name: _____

Date Service Talk was given: _____

Coordinator (Signature): _____

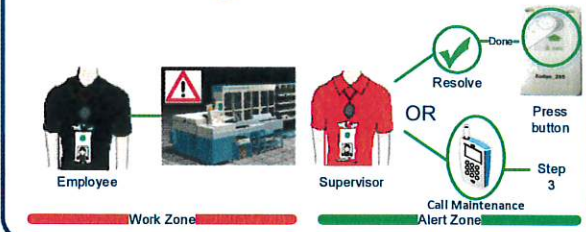
Management Coordinator (Signature): _____

Alert Process

1 Problem



2 Identify



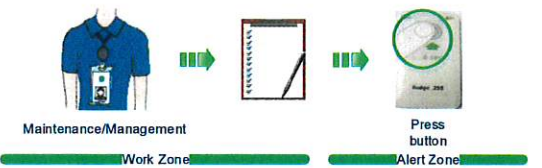
3 Communicate



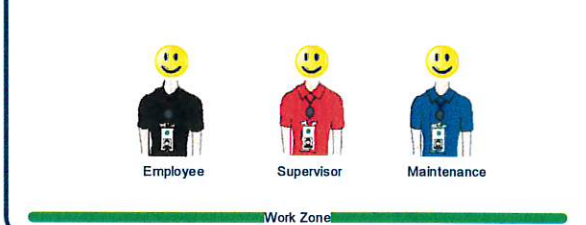
4 Resolve



5 Log



6 Satisfaction



PLEASE PRINT, READ, CERTIFY & POST THIS STAND-UP TALK

Buttonless Alert System

What is the Buttonless Alert?

This feature allows employees, who work within the sensor enabled work zones and wear sensor enabled badges without buttons, to request supervisory assistance to their work zone. The ability to step into an alert zone, nearby work zone, a walkway, or a non-EBR work zone allows employees to request assistance in their work zone from a supervisor. The buttonless alert system does not work in break areas, walkways, offices, and restrooms.

Acceptable Alert Situations	Comment
Urgent Medical Attention is Required ***Call 911 for medical emergencies	
Constant Machine Issues	
Mail Processing Significantly Impacted	
Safety hazard	

Alert Process

To trigger an alert, the employee must step into the closest alert zone, and remain in place for 15 seconds. The system will create an alert for the supervisor. If the employee steps out of the alert zone, the alert will clear itself, they must remain in the alert zone to keep it active.

The supervisor will report to the alert zone, address the situation, and correct the issue when possible. If the issue is resolved, the supervisor will clear the alert with their badge by standing in the zone that created the alert. If the supervisor cannot resolve the issue, maintenance personnel will be contacted for assistance. Once maintenance or management has resolved the issue, they will clear the alert while standing in the alert zone, log the problem and solution into the maintenance report log.

Benefits for buttonless badge alert system:

- **Identify Problem**
 - Users can report a problem that needs a supervisor's attention.
- **Communicate and Resolve**
 - Users can request supervisory help to their work zone to help solve a situation by stepping into an alert zone next to their work zone.
- **Documentation and Satisfaction**
 - Supervisors and maintenance can log both the problems and solutions.
 - Logged events can be used to develop better processes and reduce recurrence.

STATION CERTIFICATION:

Station Name: _____

Date Service Talk was given: _____

Coordinator (Signature): _____

Management Coordinator (Signature): _____

Alert Process

1 Problem



2 Identify



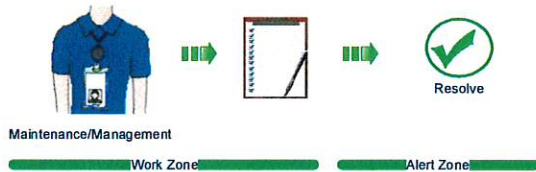
3 Communicate



4 Resolve



5 Log



6 Satisfaction

