

H. R. LABOUNTY SAFETY AWARD PROGRAM NOMINATION FORM



Agency: Cucamonga Valley Water District

Employees Nominated:

Name: Mario Rodriguez Job Classification: Interim Water Production Supervisor

Reason for Nomination:

Mr. Rodriguez implemented a safety-focused and risk-reducing method of removing and replacing pressure-regulating vault lids.

Additional information and documentation attached.

Nominated by: Roberta M. Perez, HR Manager

Signature: 

Date: 3/9/17

General Manager: 

Date: 3/9/17

Please attach supporting documents and/or digital photos and email to:

tlofing@acwajpia.com

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H.R. LABOUNTY SAFETY AWARD PROGRAM NOMINATION

Cucamonga Valley Water District

Vault Access Hatch Replacement Project

Nominated Employee(s)

Mario Rodriguez, Interim Water Production Supervisor

Problem

The Cucamonga Valley Water District has approximately 70 vaults throughout its service area. Many of these vaults are used to regulate water pressure throughout 8 pressure zones. The majority of the vault access hatches are due for replacement due to their age and condition. CVWD began a Vault Access Hatch Replacement Project in 2016, with the goal of replacing every vault access hatch over a 5-year period. Lifting the vault lids for this project became an immediate issue.

Due to the available technology, design, and safety criteria available at the time of original installation, existing vault lids weigh up to 500 pounds and require the strength of two people to gain access.

Solution

Mr. Rodriguez procured industrial lifting magnets capable of holding up to 1,500 pounds. He attached these lifting magnets to the arm of a vehicle-mounted crane, allowing one worker to safely and efficiently remove the old access hatch and replace it with a new lighter-weight torsion-assist lid.

Benefits

The benefits of this solution include: reduced risk of injury to workers (back strains and hands caught in pinch-points), increased accessibility, and the elimination of equipment damage.

Conclusion

Because potential injuries posed a significant threat in this project, Mr. Rodriguez implemented an exceptional solution. His method of access hatch removal and replacement reduces the risk of workplace injuries by using effective, efficient, and safe work methods to facilitate the completion of this important project.



H.R. LaBounty Safety Award Program Nomination

Cucamonga Valley Water District

