

58-68 Log #31  
(6.18.2.6(3) and A.6.18.2.6(3))

Final Action: Accept in Principle

Submitter: Bruce J. Swiecicki, National Propane Gas Association / Rep. NPGA Technology, Standards and Safety Committee

Comment on Proposal No: 58-111

Recommendation: Revise NFPA 58 Proposal 58-111 by deleting existing 6.18.2.6(3) and A.6.18.2.6(3) and substituting the following:

6.18.2.6(3)-A facility hose used at a LP-Gas bulk plant or industrial plant to transfer LP-Gas liquid from a cargo tank vehicle in non-metered service to a bulk plant or industrial plant, shall be equipped with emergency discharge control that provides a means to shut down the flow of an unintentional release of LP-Gas caused by the complete separation of the facility hose within 20 seconds and without the need for human intervention.

A.6.18.2.6(3) The intent of the emergency discharge control device is to prevent the discharge of product in the event of a complete hose separation. Compliance with the requirement for emergency discharge control can be accomplished using a mechanical, pneumatic, or electronic device or any combination thereof.

Substantiation: The actions taken by the NFPA Technical Committee on 58-111 established a new requirement in NFPA 58 to provide automatic protection for bulk plant and industrial plant facility hoses used to unload cargo tank vehicles greater than 3,500 gallons in non-metered service.

This comment intends to clarify the intent of the requirement, which is derived from the federal regulations contained in 49 CFR Part 173. In 6.18.2.6 (3), the term “passive shut off device” has been replaced by “without the need for human intervention” to more clearly describe the performance attribute that is required. In addition, we are proposing to define “facility hose” to remove any ambiguity from that term.

Committee Meeting Action: Accept in Principle

Revise NFPA 58 Proposal 58-111 by deleting existing 6.18.2.6(3) and A.6.18.2.6(3) and substituting the following:

6.18.2.6(3) Where a facility hose is used at a LP-Gas bulk plant or industrial plant to transfer LP-Gas liquid from a cargo tank vehicle in non-metered service to a bulk plant or industrial plant, the facility hose or the facility shall be equipped with an emergency discharge control system that provides a means to shut down the flow of LP-Gas caused by the complete separation of the facility hose within 20 seconds and without the need for human intervention.

A.6.18.2.6(3) The intent of the emergency discharge control system is to prevent the discharge of product in the event of a complete hose separation. Compliance with the requirement for emergency discharge control can be accomplished using a mechanical, pneumatic, or electronic device or any combination thereof.

Committee Statement: The committee modified the language to recognize alternatives to using the hose as the only means to comply.