




City of Phoenix

FIRE DEPARTMENT
FIRE PREVENTION SECTION

Explanatory Policy – Hydrant Placement Outside Combustible Storage Sites

SUBJECT: Hydrant Placement Outside Combustible Storage (OCS) Facilities	EFFECTIVE DATE: July 28, 2021
REFERENCES: The Phoenix Fire Code (2018 Edition) Sections 507.5.1.2.8 & 508.7.1	REVIEW DATE: July 2024
APPROVED: 	
John Mertens, Fire Marshal	

Scope:
This policy applies to the installation requirements for meeting fire hydrant coverage within prescribed distance of all areas of properties that have outside combustible storage as defined by the 2018 IFC with Phoenix Amendments.

Policy:
The placement of hydrants with respect to buildings on properties where the operation includes permissible quantities of outside combustible storage and meets the requirements for 400 feet along fire department apparatus access roads per 2018 IFC with Phoenix Amendments Section 507.7.1.

Outside combustible storage (OCS) includes a variety of commodities which are often moved due to operational or logistic needs resulting in hydrants being covered, damaged or shut off. For this reason, private hydrant placement for OCS facilities shall be permitted to be located along an established and maintained access way no less than 20 feet wide in accordance with 2018 IFC with Phoenix Amendments Sections 503.2.1; 503.2.9.

Hydrant spacing requirements for OCS facilities shall be in accordance 507.5.1.2.8 for parking areas, where access to a public or private hydrant is no more than 600 feet from the onsite OCS.

OCS facilities are required to establish a code compliant water supply from hydrants positioned along dedicated fire department apparatus accessways. All applicable permits and code requirements for water supply shall be obtained and followed to avoid citation.

Code References:



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507.5.1 Where required.

Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 400 feet from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains shall be provided where required by the fire code official.

507.5.1.2.8 Parking areas.

In open-air, on-grade parking areas, at least one fire hydrant shall be located within 600 feet of all areas.