

HIGH-PILED COMBUSTIBLE STORAGE CONSTRUCTION CHECKLIST



CITY OF BLACK DIAMOND

Community Development Dept.

24301 Roberts Drive / PO Box 599
Black Diamond, WA 98010
(360) 851-4500

ABOUT HIGH-PILED COMBUSTIBLE STORAGE PERMITS:

Fire system permits are governed by the International Fire and Building Codes and must meet fire and life safety requirements. All applicable fees are paid at time of application and only complete applications will be accepted.

Fire system permits for the City of Black Diamond are reviewed by Mountain View Fire and Rescue.

REVIEW PROCESS:

If you have any questions regarding the requirements for the fire alarm system, please feel free to contact the Fire Marshall at Mountain View Fire & Rescue.

Fire Chief
Mountain View Fire & Rescue - City of Black Diamond Fire
Phone: 253-735-0284
Email: info@kcfd44.org

SUBMITTAL REQUIREMENTS

1. ☐ Completed, signed Fire Division Master Application form
2. ☐ Floor plan of the building showing locations and dimensions of high-piled storage areas
3. ☐ Usable storage height for each storage area
4. ☐ Number of tiers within each storage rack, if applicable
5. ☐ Commodity clearance between top of storage and the sprinkler deflector for each storage array
6. ☐ Aisle dimensions between each storage array
7. ☐ Maximum pile volume for each storage array
8. ☐ Location and classification of commodities in accordance with Section 3203
9. ☐ Location of commodities that are banded or encapsulated
10. ☐ Location of required fire department access doors
11. ☐ Type of fire suppression and fire detection systems
12. ☐ Location of valves controlling the water supply of ceiling and in-rack sprinklers
13. ☐ Type, location and specifications of smoke removal and curtain board systems
14. ☐ Dimension and location of transverse and longitudinal flue spaces
15. ☐ Additional information regarding design features, commodities, storage arrangement and fire protection features within the high-piled storage area

Code References

Black Diamond Municipal Code
2018 IRC
2018 IBC

Resources

Building Division
Permit Center
Permit Status

Questions?

Permit Technician:
360-851-4447

Submittal

Email to:
permits@blackdiamondwa.gov

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shall be provided at the time of the permit. Commodities type and means of storage (pallet type and encapsulation means/materials) are required to be provided to the fire code official.

16. ☐ If the public can access the high-piled storage areas an Evacuation Plan shall be required to be provided to the fire code official for review. A separate set of plans showing location, width of aisles, location of exits, exit access doors, exit signs, height of storage and location of hazardous materials shall be provided at the time of permit application for review by fire code official. Once approved, a copy of this plan shall be maintained on the premises in a location approved by the fire code official.
17. ☐ A copy of approved septic as-built drawing, if applicable
18. ☐ A copy of contractor's registration or Owner Affidavit
19. ☐ A City of Black Diamond Business License, if applicable
20. ☐ Application fee