

1 **SHB 1065** - H AMD TO H AMD (1065-S AMH CHAN CORD 2)157ADPTD3/8/95  
2 By Representatives Mastin and Chandler

3 On page 1, after line 17 of the striking amendment, insert the  
4 following:

5 "(3) The following additional requirements shall apply:

6 (a) Hazardous materials must be stored in containers designed  
7 for such storage and must be labelled according to WAC 296-62-  
8 05411. Each employer must determine that compressed gas cylinders  
9 under his or her control are in a safe condition to the extent that  
10 this can be determined by visual inspection.

11 (b) Agricultural equipment employing open flames or equipment  
12 with integral containers, such as flame cultivators, weed burners,  
13 and in addition, tractors, shall be shut down during refueling.

14 (c) The employee or any part of agricultural aerial manlift  
15 equipment shall not come within a radius of ten feet from energized  
16 high voltage conductors, or into any part of the zone any distance  
17 above such a radius (see WAC 296-306-14511, as in effect on March  
18 1, 1994).

19 (d)(i) To insure safety and serviceability the following  
20 precautions on the care of ladders shall be observed:

21 (A) Ladders shall be maintained in good condition at all  
22 times. Joints between steps and side rails shall be tight. All  
23 hardware and fittings shall be securely attached, and the moveable  
24 parts shall operate freely without binding or undue play.

25 (B) Ladders shall be inspected prior to being used. Ladders  
26 which have developed defects shall be withdrawn from service for  
27 repair or destruction and tagged or marked as "dangerous, do not  
28 use."

29 (C) Complete ladder inspection shall be periodical. If a  
30 ladder is involved in any of the following, immediate inspection is  
31 necessary:

1 (I) If ladders tip over, inspect ladder for side rails dents  
2 or bends, or excessively dented rungs; check all rung-to-side-rail  
3 connections; check hardware connections; check rivets for shear.

4 (II) If ladders are exposed to excessive heat as in the case  
5 of fire, the ladder should be inspected visually for damage and  
6 tested for deflection and strength characteristics. In doubtful  
7 cases, refer to manufacturer.

8 (D) Ladders shall be stored in a manner designed to protect  
9 ladders when not in use.

10 (E) Ropes or cables shall be inspected frequently and replaced  
11 if defective.

12 (ii) The following safety precautions shall be observed in  
13 connection with the use of ladders:

14 (A) Orchard ladders longer than sixteen feet shall not be  
15 used.

16 (B) Ladders, shall be handled with care and not subject to  
17 unnecessary dropping, jarring, or misuse. Ladders are designed for  
18 a specific purpose or use; therefore, any variation from this use  
19 constitutes a mishandling of the equipment.

20 (C) Employers shall not require or direct employees to stand  
21 on the top two steps of the orchard ladder.

22 (D) Rungs shall be kept reasonably free of any substance which  
23 would make them hazardous.

24 (E) Ladders carried on vehicles should be adequately supported  
25 to avoid sagging and securely fastened in position to minimize  
26 chafing and the effects of road shocks.

27 (F) Portable ladders shall be so placed that the side rails  
28 have a secure footing. The top rest for portable rung and cleat  
29 ladders shall be reasonably rigid and shall have ample strength to  
30 support the applied load.

31 (G) Ladders shall not be placed in front of doors opening  
32 toward the ladder unless the door is blocked open, locked, or  
33 guarded.

1 (H) Ladders shall not be placed on boxes, barrels, or other  
2 unstable bases to obtain additional height.

3 (I) Ladders with broken or missing steps, rungs, or cleats,  
4 broken side rails, or other faulty equipment shall not be used;  
5 improvised repairs shall not be made.

6 (J) Ladders made by fastening cleats across a single rail  
7 shall not be used.

8 (K) Stepladders shall not be used as single ladders.

9 (L) When working from a ladder over twenty-five feet from the  
10 ground or floor, the ladder shall be secured at both top and  
11 bottom.

12 (M) No type of work shall be performed on a ladder over  
13 twenty-five feet from the ground or floor that requires the use of  
14 both hands to perform the work, unless a safety belt is worn and  
15 the safety lanyard is secured to the ladder.

16 (N) The ladder base section must be placed with a secure  
17 footing. Safety feet of good substantial design should be  
18 installed on all ladders except orchard ladders. Where ladders  
19 with no safety shoes or spikes are used on hard, slick surfaces, a  
20 foot-ladder board should be employed.

21 (iii) Training and instruction on the use of ladders:

22 (A) At the beginning of employment, employers shall provide  
23 employees with orientation and training on the proper use of  
24 ladders including how to set a ladder and properly dismount with a  
25 full load.

26 (B) Employers shall instruct employees to not stand on the top  
27 two steps (the top cap and the next step down) of the ladder.

28 (C) Employers shall instruct employees to not step off the  
29 ladder onto branches of trees except onto the main crotch of the  
30 tree.

31 (D) Employers shall instruct employees to not overreach while  
32 standing on the ladder to prevent ladder upset.

1 (E) Employers shall instruct employees that before climbing  
2 ladders, shoes and/or boots shall be free and clean of greasy or  
3 slippery substances."

**EFFECT:** Adds these additional safety requirements: (1) hazardous materials must be stored in containers designed for such storage and labelled as required by rule. Visual inspection is required for compressed gas cylinders; (2) during refueling, certain equipment must be shut down; (3) aerial manlift equipment must be a specified distance from high voltage conductors; and (4) requirements for care of and safety precautions and training for use of ladders.