

OSHA Compliance Checklist

Mechanical Power-Transmission Apparatus (1910.219)

Covers all types and shapes of power-transmission belts except:

- a. Belts operating less than 250 fpm
- b. Flat belts 1 inch or less in width
- c. Flat belts less than 2 inches in width and free of metal lacings and fasteners

Shafting

1. Is each continuous run of shafting secured against excessive endwise movement or endwise thrust?		
2. Is all horizontal shafting less than 7 feet from the floor fully encased so as to prevent contact?		
3. Do all shaft ends presenting a smooth edge and do not project more than 1/2 the diameter of the shaft unless guarded?		
4. Are all unused keyways filled or covered up?		

Gears

1. Are all gears guarded by at least one of the following:		
a. A complete enclosure?.		
b. By a standard guard?		
c. By a band guard covering the face of the gear and having flanges extending inward beyond the root of the teeth on the exposed side or sides?		

Pulleys

1. Are all pulleys within 7 feet of the floor adequately guarded?		
2. If a belt is wider than the pulley, is a guide provided to prevent the belt from sliding off the pulley?		
3. Are broken or cracked pulleys immediately removed from service?		

Sprockets and Chains

1. Are all sprockets or chains enclosed if less than 7 feet from the floor?		
2. When frequent oilings of chains is necessary, are openings with hinged or sliding self-closing covers provided?		

Belt, Rope, and Chain Drives

1. Are all runs of belt within 7 feet of the floor guarded to a point 15 inches above the uppermost run over their entire length?		
a. Are they fully enclosed if within 42 inches of the floor?		

Keys, Set screws, and Other Projections

1. Are all keys, set screws or other projections in revolving parts made flush or guarded by a metal cover?		
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Guard Composition and Bracing

1. Are all guards securely fastened either to the machine or to the floor?		
2. Do all guards consist of metal, wire mesh secured on an iron frame, or iron pipe?		
3. Are all guard rigidly braced less than three feet of their height to some fixed machinery or building structure?		

Care of Equipment

1. Is all power transmission equipment inspected at intervals not exceeding 60 days and kept in good condition at all times?		
2. Are all belts, lacings, and fasteners kept in good repair?		
3. If possible, is machinery shut off when being oiled?		