

OSHA Compliance Checklist

Fixed Abrasive Wheels Checklist (1910.215)

	O.K.	Action Needed
Guard Design		
1. Does the guard design cover the spindle end, nut and flanges?		
2. Is it aligned properly with the wheel?		
3. Are work rests provided that are adequate to support the work?		
- are they of rigid construction?		
- are they adjustable to compensate for wheel wear?		
- are they kept at no more than 1/8 inch from the wheel to prevent work from being jammed?		
Guard Exposure Angles		
1. Does the guard exceed 90° or one-fourth of the wheel periphery?		
2. Does the exposure (open part) begin at not more than 65° above the horizontal plane of the wheel spindle?		
3. If necessary for below horizontal-plane work, does the exposure not exceed 125° guard tip to guard tip?		
Exposure Adjustment		
1. Can the guard be adjusted to accommodate decreasing diameters of the wheel as it is used?		
2. Is the clearance between the wheel and the guard at the top of the wheel less than 1/4 inch?		
Guard Design		
1. Is the wheel mounted between flanges which are less than one-third the diameter of the wheel?		
2. Are the flanges in good balance and are they free of rough surfaces or sharp edges?		
3. Does the wheel contain compressible washers between the wheel and the flange to ensure the uniform distribution of flange pressure?		
4. Are the flanges secure and securely mounted to the spindle?		
5. Are the flanges in good condition and unwarped, cracked or otherwise degraded?		
Mounting		
1. Are wheels routinely inspected and ring tested before mounting?		
2. Are the wheels tapped in the proper place?		
3. If found unsound, are wheels condemned?		
4. Before mounting, is there a system in place to check the spindle speed to ensure manufacturers' ratings have not been exceeded?		
5. Are all contact surfaces of wheels, blotters and flanges flat and free of contact matter?		
6. Do the compressible washers cover the entire contact area of the flanges?		