

KES

Shot Peening Machine Specification

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1. Scope of application

The scope of application of this Shot Peening (Shop Peening, “Equipment” called from now on) shall be as follows.

- Trans Axle Gear type
- Trans Mission Gear type
- Various Gear type

2. Purpose

This standard shall be to maximize the maintenance and management of equipment as well as the degree and efficiency of equipment by specifying the specification on the Shot Peening equipment.

3. Equipment components

This equipment should comprise the components shown on figure 1 below.

Table 1 Equipment components

No.	Components	Specification	Remark
1.	Projector	It should be possible to adjust projection speed and projection direction or angle of Shot Ball	
2.	Shot Ball circulator	As an equipment for Shot Ball circulation, the capacity for Shot Ball collection and circulation should be bigger than the capacity for Shot Ball projection. (Bigger than 1.5 times)	
3.	Shot Ball separator	Get the Shot Ball, dust and alien materials to be separated and require at least 3 stages of separation method. (The Shot Ball smaller than an appropriate Shot Ball size, an appropriate Shot Ball size, the Shot Ball and alien materials bigger than an appropriate Shot Ball size)	
4.	Dust collector	As equipment to collect the dust generated in the projection room, the quantity of dust generated after dust collection should be less than 2mg/Nm ³	
5.	Others	Various equipment for operation and production of this equipment <ul style="list-style-type: none">· Shot Ball distributor· JIG for products loading· Other various items	