



Guidelines – Bench Grinders

PCFC- Entity (Business Unit) Name : Trakhees (Dept. of Planning & Development)

Department Name : Civil Engineering Department (CED)

Section Name : Inspection & Compliance (Construction Safety)

Document Reference Number : PCFC-TRK-CED-CS-G12

Revision Number : 02

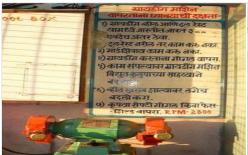
Revision Date : January 2019

Classification : Public

PCFC-TRK-CED-CS-G12 Rev. 02 / January 2019 Page **1** of **2**



Guidelines – Bench Grinders







DETAILS OF MACHINE

• RPM to be displayed on the machine.

- Emergency stop button must be located on the machine.
- Keep the area around machine clear of all materials.
- Keep the machine switched off when not in use.

GUARDING

• Ensure that the guard is fixed to the machine.

- Guard must be replaced after carrying out any maintenance work if any.
- Cover the abrasive wheels after work is completed.

REST BRACKETS

- Rest bracket should be properly secured & must be adjustable.
- Maintain a gap of 3mm between the rest bracket and the face of abrasive wheel.
- Keep the rest bracket in horizontal position.







ABRASIVE WHEELS

- Select the correct wheel for the job to be grinded.
- Ensure that the safe peripheral speed of the wheel is not exceeded.
- Abrasive wheels shall be mounted, balanced & dressed by trained and experienced person.
- Ensure that wheels are mounted using washers / blotters.
- Do not use wheels that have been dropped or cracked. It should give clear ringing sound.
- Worn out wheels must be replaced immediately.

SAFETY NOTICES / PPE

- Display safety notices in the languages easily understood by the operators.
- Display names of the operators authorized to operate the machine.
- It is the responsibility of the contractor to provide appropriate PPE like face shield or safety goggles.
- Area supervisors will ensure that the operator uses the issued PPE.

TRAINING & USE

- Provide appropriate training to the workers.
- Do not apply excessive pressure on to the wheels.
- Never grind on sides of the wheel.
- Do not try to stop the rotating wheel by hand.
- Any person mounting, balancing or dressing an abrasive wheel must be trained & appointed in writing.

PCFC-TRK-CED-CS-G12 Rev. 02 / January 2019 Page **2** of **2**