

SAFE OPERATING PROCEDURE – BIOCHAR KILN

Do not operate this kiln unless you have been instructed in its safe use and operation.

Head protection (from sun)

Safety glasses

Fire-resistant gloves

Long sleeves and trousers (Wool or cotton; NOT polyester)

Sturdy footwear

must be worn at all times.

PRE-OPERATIONAL SAFETY CHECKS

1. Weather: no fire ban declared. Check CFS info hotline 1300 362 361. Wind direction & speed acceptable. No rain expected.
2. 4 metre clearance from public areas and flammable items.
3. Fire extinguisher or water hose, & shovel ready at hand.
4. Feedstock is dry and all organic (i.e.no permapine etc).
5. Quenching water supply is available.
6. Drinking water; First Aid kit on hand.

OPERATIONAL SAFETY CHECKS

1. Avoid smoke generation by feeding wood carefully so as not to smother fire.
2. Maintain flame cover over the whole surface area.

HOUSEKEEPING

1. Maintain the 4 metre public exclusion zone around each kiln.
2. Use shovel or long stick to adjust position of wood items as needed.
3. Quench entire contents of kiln when full.

POTENTIAL HAZARDS

■ Hot surfaces ■ Hot sparks ■ Smoke

FORBIDDEN

Never leave kiln unattended when fire is alight.

Never leave any char unquenched.

Never bag unquenched char.

Production of Biochar for
Carbon Capture & Soil Improvement