

STUNNING AND KILLING METHODS

The manufacturer's recommendations must be adhered to for each method used

Simple Stunning Methods						
Electric Methods	Minimum frequency (Hz) per bird	Minimum current (mA) per bird			Exposure time (seconds)	Time from stun to neck cut (seconds)
		Chickens	Turkeys	Ducks		
Head only electrical stun		240	400	Not permitted	10	Immediate
Electric water bath	51- 199	100	250	130	4	10
	200- 400	150	400	Not legally permitted	4	10
	400- 1500 (Recommended – max 800Hz)	200	400	Not legally permitted	4	10

Stun Kill Methods						
Electric Methods	Frequency (Hz)	Minimum current (mA)			Exposure time (seconds)	Time from stun to neck cut (seconds)
		Chicken	Turkey	Duck		
Electric water bath	50 and less	120	150	130	4	N/A
Controlled Atmosphere Methods	Type of exposure	Concentration (%)			Exposure time (minutes)	Time from stun to neck cut (seconds)
CO ² in two phases	Progressive exposure to a rising concentration of CO ² up to a maximum 40% then a higher concentration, once the birds are unconscious	Maximum 40% phase 1 phase 2 = higher			Depends on the rate of the progressive increase in CO ² to which the birds are exposed, which will vary with different systems	N/A
CO ² and inert gas mix	Direct or progressive	Maximum 30% CO ² , O ² 2% or less			≥3	N/A
Inert gases	Direct or progressive	Less than 2% O ²			≥3	N/A

EMERGENCY KILLING METHODS

Method	Parameters/ limitations
Cervical dislocation (including assisted cervical dislocation)	Maximum bird weight limit of 3kg. Maximum of 70/birds per day
Captive Bolt (e.g. Cash Poultry Killer or similar)	Manufacturer's instructions are followed. The stun is followed by bleeding or neck dislocation
Electric hand held stunner	Not permitted for ducks. Manufacturer's instructions are followed. Parameters as required for its use as a stunning/ killing method are followed
Gas killing	Systems are in place to ensure birds requiring emergency killing are managed separately to non-emergency. Parameters as required for its use as a killing method are followed