

## CHECKLIST

- **What is happening to the animals?**
- **What will be the effects?**
- **How will the effects be minimised?**

### **Anaesthesia**

Fasting  
Induction -drug, dose, route  
Maintenance -drug, dose, route  
Methods of monitoring anaesthesia and recovery  
Additional support during anaesthesia and recovery (eg heat, intravenous fluids)  
Location of induction and recovery areas

### **Behaviour modification**

Stimulus (type, duration, frequency)

### **Blood/body fluid collection**

Volume  
Route  
Frequency  
Anaesthesia or analgesia  
Restraint  
Animal monitoring (methods, frequency)

### **Diet/water modifications**

Type  
Amount  
Effects  
Measurement of intake  
Animal monitoring

### **Drug treatments**

Substance  
Volume  
Route  
Frequency/total number per animal  
Local and systemic effects  
Anaesthesia or analgesia  
Possible side effects  
Restraint

### **Genetic manipulation**

Methods  
Potential effects

### **Humane killing/Euthanasia**

Method  
Location (where procedure will be performed)  
Expertise of personnel

### **Housing**

Location  
Isolation  
Group housing (stocking rates, sexes)  
Shelter  
Bedding  
Hiding areas  
Environmental enrichment  
Duration held  
Conditioning period

### **In-vitro studies**

Source of animals  
Duration held  
Euthanasia

### **Surgery**

Anaesthesia  
Location of pre-operative preparation area  
Pre-operative preparation  
Surgical procedure (site, technique)  
Sterile technique (instruments, drapes, surgeon)  
Location of and housing in post-operative recovery area  
Post-operative management  
Post-operative monitoring (methods, frequency, duration)  
Use of analgesics (type, dose, route, frequency, means of determining necessity for use)  
Expertise

### **Toxicology**

Substance  
Volume  
Route

Frequency of treatments / total number per animal

Local and systemic effects

Anaesthesia or analgesia

Restraint

Animal monitoring (methods, frequency)

Endpoint/duration

### **Transport**

Type

Duration

Confinement

Numbers of animals

Air conditioning

### **Tumour/neoplasia induction**

Method

Site

Endpoint

Animal monitoring (methods, frequency)

### **Teaching**

Source of animals

Housing

Duration held

Method of disposal

### **Wildlife studies**

Location

Methods

Capture methods

Handling/restraint

Housing

Monitoring

Release

Effects on population