## VIVARIUM SKILL SET CHECKLIST

| Company:                             |   | _   |    |
|--------------------------------------|---|---|----|
| Name (print):                        |   | Name (signature):                                     |    |
| Reviewer (print):                    |   | Reviewer (signature):                                 |    |
| Date:                                |   |   |    |
| SKILL SET                            | х | SKILL SET   | Х  |
| Dosing:                              |   | Animal Restraint:                                     |    |
| PO dosing in Rat                     |   | Manual Restrain -Rat                                  |    |
| PO dosing in Mouse                   |   | Manual Restrain -Mouse                                |    |
| IP dosing in Rat                     |   | Broome's Restrain -Rat & Mouse                        |    |
| IP dosing in Mouse                   |   | Decapicone Restrain-Rat & Mouse                       |    |
| IM dosing in Rat                     |   | Injectable anesthetics -Rat & Mouse                   |    |
| IM dosing in Mouse                   |   |   |    |
| IV dosing in Rat                     |   | Euthanasia:   |    |
| IV dosing in Mouse                   |   | Euthanasia by asphyxiation (CO2) -Rat & Mouse         |    |
| Sub-cutaneous dosing in Rat          |   | Euthanasia by exsanguination -Rat & Mouse             |    |
| Sub-cutaneous dosing in Mouse        |   | Euthanasia by cervical dislocation -Mouse             |    |
| Pulmonary dosing in Rat              |   | Euthanasia by decapitation -Guillitone, scissors (Pup | s) |
| Pulmonary dosing in Mouse            |   | Euthanasia by anesthetics                             |    |
| Foot pad injection in Rat            |   |   | •  |
| Foot pad injection in Mouse          |   | Equipment use:  |    |
| Intranasal dosing in Rat             |   | CO2 Euthanasia tanks and chambers                     |    |
| Pedal vein injeciton in Rat          |   | Anesthesia machines -Table top & Impac- 6             |    |
| Penile vein injection in male Rat    |   | Shavers, Vacuum shavers                               |    |
| Sub-lingual vein injection in Rat    |   | Plethysmometer  |    |
| Tail vein injection -Rat             |   | Vernier calipers                                      |    |
| Tail vein injection-Mouse            |   | AMI HTX in-vivo imaging                               |    |
| Intracardiac injection -Rat          |   |   |    |
| Intracardiac injection -Mouse        |   | Necropsy:   |    |
| Intra-articular injection -Rat       |   | Complete Rat Necropsy                                 |    |
| Intra-articular injection -Mouse     |   | Complete Mouse Necropsy                               |    |
| Blood Sampling/collection:           |   | Miscellaneous:  |    |
| Tail vein                            |   | Perfusion -Rat  |    |
| Jugular vein (cannulated rat)        |   | Perfusion -Mouse                                      |    |
| Femoral vein (cannulated rat)        |   | Trochar Implantation                                  |    |
| Jugular vein (Naïve rat)             |   | Orthotopic injections/implantations                   |    |
| Femoral vein (Naïve rat)             |   | Mouse Breedings                                       |    |
| Saphenous vein in Rat                |   | CFA Preparations                                      |    |
| Saphenous vein in Mouse              |   |   |    |
| Intracardiac / Terminal bleed- Rat   |   | Surgery:  |    |
| Intracardiac / Terminal bleed- Mouse |   | Non-Survival surgery                                  |    |
| Abdominal aorta -Rat                 |   | Survival surgery                                      |    |
| Abdominal aorta -Mouse               |   | ALZET Pump imlantations                               |    |
| Retro-orbital -Mouse                 |   | Post-op observations/Recovery -Rat & Mouse            |    |
| Cheek -Golden Lancet (Mouse)         |   | Surgery/incision site prep/scrub                      |    |
|                                      |   | JVC/FVC Surgery Rat                                   |    |
| Animal identification:               |   |   |    |
| Tail marking                         |   |   |    |
| Ear notching                         |   |   |    |
| Ear tagging                          |   |   |    |