

## APPENDIX C1: Calibration of IPSC Poppers

1. The Range Master must designate a specific supply of ammunition and one or more firearms to be used as official calibration tools by officials authorized by him to serve as calibration officers.
2. Prior to commencement of a match, the power factor of the calibration ammunition must be measured using the procedure specified in Rule 5.6.3.3, except that only 4 rounds for each calibration firearm are required. The calibration ammunition, when tested through each designated firearm, must achieve a power factor of between 120 to 125 to qualify.
3. Once the supply of ammunition and the designated firearms have been tested and approved by the Range Master, they are not subject to challenge by competitors.
4. The Range Master must arrange for each popper to be calibrated prior to commencement of a match, and whenever required during a match.
5. For initial calibration, each popper must be set to fall when hit within the calibration zone with a single shot fired from a designated firearm using the calibration ammunition. The shot must be fired from the shooting location in the course of fire furthest from where at least part of the calibration zone of the popper being calibrated is visible to competitors. Calibration zones are indicated in the diagrams in the following pages.
6. If, during a course of fire, a popper does not fall when hit, a competitor has three alternatives:
  - (a) The popper is shot again until it falls. In this case, no further action is required and the course of fire is scored "as shot".
  - (b) The popper is left standing but the competitor does not challenge the calibration. In this case, no further action is required and the course of fire is scored "as shot", with the subject popper scored as a miss.
  - (c) The popper is left standing and the competitor challenges the calibration. In this case, the popper and the surrounding area on which it stands must not be touched or interfered with by any person. If a Match Official violates this rule, the competitor must reshoot the course of fire. If the competitor or any other person violates this rule, the popper will be scored as a miss and the rest of the course of fire will be scored "as shot".
  - (d) If the popper falls for any other reason (e.g. wind action), before it can be calibrated, a reshoot must be ordered.
7. In the absence of any interference, a calibration officer must conduct a calibration test of the subject popper (when required under 6(c) above), from as near as possible to the point from where the competitor shot the popper, when the following will apply:
  - (a) If the first shot fired by the calibration officer hits the calibration zone or below and the popper falls, the popper is deemed to be properly calibrated, and it will be scored as a miss.
  - (b) If the first shot fired by the calibration officer hits the calibration zone or below and the popper does not fall, the popper is deemed to have failed and the competitor must be ordered to reshoot the course of fire, once the popper has been recalibrated.
  - (c) If the first shot fired by the calibration officer misses the popper altogether, another shot must be fired until one of 7(a) or 7(b) occurs.
8. Note that authorized metal plates are not subject to calibration or challenge (see Rule 4.3.3.2).