APPENDIX B. Basic Elements

Basic Element	Basic Element Step(s)
114	CLEAN AND ANODIZE PER FPS-3033 OR FPS-3090 OR CLEAN PER FPS-3001, PARA. 3.1.1 AND ANODIZE SPECIFIED SURFACES PER MIL-A-8625, TYPE I. 1. IF ELECTRICAL BONDING IS REQUIRED ON SPECIFIED AREAS BY REFERENCE TO FPS-3024, ANODIZE ONLY THOSE SURFACES NOT SPECIFIED FOR ELECTRICAL BONDING PER 114. PREPARE SURFACES SPECIFIED FOR ELECTRICAL BONDING PER MIL-C-5541 CLASS 3. 2. AFTER ANODIZE, INSPECT ANODIZED SURFACE FOR DARKENED AREAS OF DISCOLORATION WHICH MAY INDICATE SOFT MATERIAL. PARTS CONTAINING SUCH SPOTS SHALL MEET THE REQUIREMENTS OF NDTS 1500 PRIOR TO ANODIZE COATING ACCEPTANCE.
115	CLEAN PER FPS-3001, PARA. 3.1.1 AND HARD ANODIZE SPECIFIED SURFACES PER MIL-A-8625, TYPE III, UNSEALED. 1. IF ELECTRICAL BONDING IS REQUIRED ON SPECIFIED AREAS BY REFERENCE TO FPS-3024, OMIT HARD ANODIZE ON SURFACES SPECIFIED FOR ELECTRICAL BONDING. PREPARE SURFACES SPECIFIED FOR ELECTRICAL BOND-ING PER MIL-C-5541 CLASS 3.
116	PREPARE SURFACE AND MANGANESE IRON PHOSPHATE TREAT ALL SURFACES PER FPS-3006, CLASS I. (FOR ALLOY STEEL<180 KSI).
117	PREPARE SURFACE AND MANGANESE IRON PHOSPHATE TREAT ALL SURFACES PER FPS-3006, CLASS II. (FOR ALLOY STEEL 180-240 KSI).
118	PREPARE SURFACE AND MANGANESE IRON PHOSPHATE TREAT ALL SURFACES PER FPS-3006, CLASS III. (FOR ALLOY STEEL>240 KSI)
119	CLEAN NOTED SURFACES BY LIGHT SANDING WITH 320 OR FINER ABRASIVE PAPER AND WIPE CLEAN WITH SOLVENT SUCH AS METHYL ETHYL KETONE, MIL-C-38736* CLEANER, OR FMS-2004 (FOR GRAPHITE COMPOSITES). *NOTE: P6174 NON-AROMATIC CLEANER MAY BE USED IN LIEU OF MIL-C-38736 CLEANER. (REFERENCE CR 1345 FOR CO-PRODUCER USE.)
120	CLEAN PER FPS-3001, PARA. 3.1.4, AND CADMIUM PLATE ALL SURFACES PER QQ-P-416, TYPE II, CLASS 2. (FOR ALLOY STEELS <180 KSI AND FOR SPRINGS).
121	CLEAN PER FPS-3001, PARA. 3.1.4 FOR ALLOY STEEL AND CADMIUM PLATE ALL SURFACES PER FPS-1007, GRADE A, TYPE II, CLASS 2. (FOR ALLOY STEEL 180-220 KSI).
122	CLEAN PER FPS-3001, PARA. 3.1.4 FOR ALLOY STEEL, AND CADMIUM PLATE ALL SURFACES PER FPS-1007, GRADE B, TYPE II, CLASS 2. (FOR ALLOY STEEL 220-240 KSI).