APPENDIX B. Basic Elements

Basic Element	Basic Element Step(s)
164	CLEAN AND APPLY ELECTROLESS NICKEL PLATE TO SPECIFIED SURFACES PER FPS-3005, CLASS 2 (FOR 180-240 KSI ALLOY STEEL).
165	PREPARE SURFACES AND MANGANESE IRON PHOSPHATE TREAT SPECIFIED SURFACES PER FPS-3006, CLASS III. (FOR ALLOY STEEL>240 KSI).
166	CLEAN AND APPLY WOOD'S NICKEL STRIKE PER FPS-3022 TO ALL SURFACES.
167	CLEAN NICKEL ALLOYS PER FPS-3001, PARA. 3.1.6.
168	CLEAN PER FPS-3001, PARA. 3.1.1, AND BRUSH CHEMICAL FILM ALL SURFACES PER MIL-C-5541.
169	CLEAN SPECIFIED SURFACES BY WIPING CLEAN WITH TT-I-735 ISOPROPYL ALCOHOL. CAUTION: DO NOT APPLY M.E.K., ACETONE, MIL-C-38736 CLEANER, P6174 CLEANER, OR FMS-2004.
170	CLEAN SPECIFIED SURFACES BY LIGHTLY SANDING WITH 220 GRIT ABRASIVE PAPER OR EQUIVALENT (ABRASIVE PADS) AND WIPE CLEAN WITH TT-I-735 ISOPROPYL ALCOHOL. CAUTION: DO NOT USE MEK, ACETONE, MIL-C-38736, P6174, OR FMS-2004 CLEANERS.
171	CLEAN AND APPLY CHROMATE CONVERSION COATING (QQ-P-416, TYPE 2) TO ALL SURFACES.
172	CLEAN PER FPS-3001, PARA. 3.1.5.
173	COPPER ALLOYS - ELECTROLESS NICKEL PLATE PER MIL-C-26074, CLASS 1, GRADE B.
174	CLEAN AND PREPARE CURED PRIMED SURFACES PER PARA. 3.7.18 OF FPS-3001.
175	CADMIUM PLATE SPECIFIED SURFACES PER FPS-1007, GRADE A, TYPE II, CLASS 2 ONTO SURFACES THAT HAVE NOT DRIED AFTER RECEIPT OF A WOOD'S NICKEL STRIKE (FOR CRES WITH TENSILE STRENGTH 180-220 KSI).
176	CLEAN PER FPS-3001, PARA. 3.1.1 AND CHEMICAL FILM ALL SURFACES PER MIL-C-5541, CLASS 3.
177	CLEAN PER FPS-3001, PARA. 3.1.3(A) AND PASSIVATE SPECIFIED SURFACES PER FPS-3007 (METAL REMOVAL BY PASSIVATION SOLUTION NOT PERMITTED). (DO NOT USE FOR CASTINGS OR WELD ASSEMBLIES)
178	CLEAN PER FPS-3001, PARA. 3.1.1 AND BRUSH CHEM FILM SPECIFIED SURFACES PER MIL-C-5541, CLASS 3.
179	COPPER AND COPPER ALLOYS - ELECTROLESS NICKEL PLATE PER FPS-3005, CLASS 1 TO THE SPECIFIED THICKNESS OR DIMENSIONS. NO SUBSEQUENT HEAT TREATMENT REQUIRED.