APPENDIX B. Basic Elements

Basic Element	Basic Element Step(s)
149	PREPARE SURFACES OF CASTINGS PER FPS-3006, CLASS VIII, STEPS A AND B ONLY.
151	PREPARE SURFACES AND FLUORIDE-PHOSPHATE TREAT ALL SURFACES PER FPS-0116 (FOR TITANIUM).
152	CLEAN PER FPS-3001, PARA. 3.1.4, AND CADMIUM PLATE SPECIFIED SURFACES PER QQ-P-416, TYPE II, CLASS 2. (FOR ALLOY STEEL < 180 KSI).
153	CLEAN PER FPS-3001, PARA. 3.1.4, AND CADMIUM PLATE SPECIFIED SURFACES PER FPS-1007, GRADE A, TYPE II, CLASS 2. (FOR ALLOY STEEL 180-220 KSI).
154	CLEAN PER FPS-3001, PARA. 3.1.4, AND CADMIUM PLATE SPECIFIED SURFACES PER FPS-1007, GRADE B, TYPE II, CLASS 2. (FOR ALLOY STEEL 220-240 KSI).
155	CLEAN PER FPS-3001, PARA. 3.1.4, AND VACUUM CADMIUM PLATE SPECIFIED SURFACES PER MIL-C-8837, TYPE II, CLASS 2. (FOR ALLOY STEEL 220-240 KSI - ALTERNATE FOR PROCESSORS NOT QUALIFIED FOR 154, AND FOR ALLOY STEEL>240 KSI).
156	CLEAN PER FPS-3001, PARA. 3.1.4.
157	CLEAN PER FPS-3001, PARA. 3.1.1 AND HARD ANODIZE SPECIFIED SURFACES PER MIL-A-8625, TYPE III, CLASS 2; AND DYE TO APPROXIMATELY GRAY COLOR 36118 OF FED. STD. 595. IRREGULAR AREAS OF LIGHTER GRAY SHADE DUE TO BLEED OUT FROM POROSITY ARE ACCEPTABLE (FOR ALUMINUM CASTINGS).
158	CLEAN PER FPS-3001, PARA. 3.1.5, AND CADMIUM PLATE ALL SURFACES PER QQ-P-416, TYPE II, CLASS 2. (FOR COPPER ALLOYS)
159	CLEAN PER FPS-3001, PARA. 3.1.5, AND CADMIUM PLATE SPECIFIED SURFACES PER QQ-P-416, TYPE II, CLASS 2. (FOR COPPER ALLOYS)
160	CLEAN PER FPS-3001, PARA. 3.1.3, AND CADMIUM PLATE ALL SURFACES PER QQ-P-416, TYPE II, CLASS 2. (FOR CRES).
161	CLEAN PER FPS-3001, PARA 3.1.3, AND CADMIUM PLATE SPECIFIED SURFACES PER QQ-P-416, TYPE II, CLASS 2. (FOR CRES).
162	CLEAN, PREPARE SURFACES AND APPLY MOLYBDENUM COATING TO SPECIFIED SURFACES PER FPS-3002 TO THICKNESS SPECIFIED ON DRAWING.
163	CLEAN PER FPS-3001, PARA. 3.1.1 AND SULFURIC ACID ANODIZE ALL SURFACES PER MIL-A-8625, TYPE II, CLASS 2, DYED BLACK. COLOR TO BE SHADE OF BLACK APPROXIMATING COLOR NOS. 36076, 36081, OR 37038 PER FED-STD-595. COLOR TO BE NO LIGHTER THAN COLOR NO. 36118.