APPENDIX B. Basic Elements

Basic Element	Basic Element Step(s)
408	APPLY FMS-3014 FORM 2 ADHESIVE PRIMER ON EXTERIOR SURFACE ONLY OF TUBING ASSEMBLIES PER FPS-3035, EXCEPT MASK OFF FROM AN END REQUIRED TO RECEIVE A "PERMASWAGE" OR "DYNATUBE" FITTING (NOT FOR USE WITH C7551 END FITTINGS). THE MASKED-OFF DISTANCE IS 1 INCH BEYOND THE TUBE INSERTION MARK. NOTES: (1) THE ADHESIVE PRIMER IS NOT TO COVER ANY OF THE TUBE INSERTION MARK. (2) IF THE TUBE INSERTION MARK IS NOT APPLIED PRIOR TO APPLICATION OF ADHESIVE PRIMER, MASK OFF 3 +/- 0.25 INCHES FROM AN END REQUIRED TO RECEIVE A "PERMASWAGE" OR "DYNATUBE" FITTING (NOT FOR USE WITH C7551 END FITTINGS).
409	APPLY FMS-3014 FORM 2 ADHESIVE PRIMER ON EXTERIOR SURFACE TO BASE OF SLEEVE ON TUBES WITH FLARED ENDS.
500	CLEAN AND APPLY ELECTROLESS NICKEL PLATE TO SPECIFIED SURFACES PER FPS-3005, CLASS 1. (FOR 180-240 KSI ALLOY STEEL).
501	CLEAN PER FPS-3001, PARA 3.1.1 AND ANODIZE PER MIL-A-8625, TYPE I OR II, SPECIFIED EXTERIOR SURFACES OF TUBING OR PARTS. TREATMENT IS OPTIONAL ON INSIDE SURFACES OF MACHINED PARTS, WELDED ASSEMBLIES WET WITH FLUID OR TUBING DETAILS.
502	CLEAN PER FPS-3001, PARA. 3.1.1 AND CHEM FILM SPECIFIED SURFACES PER MIL-C-5541.
503	CLEAN AND APPLY ELECTROLESS NICKEL PLATING TO SPECIFIED SURFACES PER MIL-C-26074, CLASS 4, GRADE B.
504	CLEAN AND APPLY CADMIUM PLATING TO NICKEL PLATED SURFACES PER QQ-P-416, CLASS 3, TYPE II.
505	APPLY MIL-C-85054 WATER DISPLACING, CORROSION PREVENTIVE COMPOUND TO SPECIFIED SURFACES.
506	APPLY TWO COATS OF FMS-1058-1 PRIMER ON SPECIFIED SURFACES.
507	RESTORE CORROSION PROTECTION FINISH TO EDGES OR SURFACES OF ALUMINUM PARTS TRIMMED AT ASSEMBLY, MANUFACTURED AND BUCKED HEADS OF ALUMINUM FASTENERS INSTALLED AT ASSEMBLY LEVEL (UNLESS THESE HEADS ARE COVERED WITH SEALANT), AND TO HOLES (INCLUDING COUNTERSINKS) DRILLED AFTER PAINTING FOR REMOVABLE FASTENERS WHICH DO NOT HAVE INSERTS. FOR PAINTED SURFACES CLEAN PER FPS-3001, PARA 3.1.1(A). BRUSH CHEMICAL PER MIL-C-5541 AND TOUCH UP WITH FMS-1058-1 PRIMER.