

Woodward Latest Specification Revision Listing As Of 2/8/2017

Doc	Rev	Sht	Type	Item	Description
2-OF-00991	6		Quality Document	2-OF-00991	SUPPLEMENTAL SUPPLIER QUALITY SYSTEM REQUIREMENTS (ROCKFORD)
3-06-2977	4		Quality Document	3-06-2977	SUPPLIER PROCESS CHANGE CONTROL
3-06-3504	11		Quality Document	3-06-3504	GLOBAL SUPPLY CHAIN PARTS TRANSITION PROCESS (PTP) FLOW DIAGRAM
3-OF-04058			Quality Document	3-OF-04058	MATERIAL CONTENT AND SOURCE REQUIREMENTS FOR SUPPLIERS
3-QCI-00746	5		Quality Document	3-QCI-00746	REVIEW AND DISPOSITIONING OF UNUSUAL VISUAL CONDITIONS (UVC)
4-06-2978			Quality Document	4-06-2978	SOURCING ROOT CAUSE CORRECTIVE ACTION PROCESS (8D METHODOLOGY)
4-06-2981	6		Quality Document	4-06-2981	8D SUPPLIER REPORT FORM
4-06-3421	10		Quality Document	4-06-3421	SUPPLIER PPAP WAIVER REQUEST
4-06-3456	4		Quality Document	4-06-3456	SUPPLIER PPAP - PART FAMILY PPAP MATRIX TEMPLATE
4-06-3461	7		Quality Document	4-06-3461	SUPPLIER PPAP FORMS PACKET
4-06-4011	11		Quality Document	4-06-4011	GLOBAL SUPPLY CHAIN QUALITY PLAN AND COMPONENT RISK ANALYSIS FOR PARTS TRANSITION PROJECTS
4-74-3414	3		Quality Document	4-74-3414	SUPPLIER PROCESS CHANGE NOTIFICATION (PCN) FORM
4-74-4022	10		Quality Document	4-74-4022	US TERMS AND CONDITIONS OF PURCHASE

4-74-4499	4	Quality Document	4-74-4499	APPRAISAL PROCESS FOR PURCHASED PARTS WITH VISUAL FLAWS
4-74-4502	9	Quality Document	4-74-4502	FEDERAL AND DEFENSE ACQUISITION REGULATION SUPPLEMENTAL TERMS AND CONDITIONS
4-OF-00832	6	Quality Document	4-OF-00832	SUPPLIER DEVELOPMENT MATURITY PATH ASSESSMENT
4-OF-02212	2	Quality Document	4-OF-02212	SPC TRAINING PRESENTATION
4-OF-02213	7	Quality Document	4-OF-02213	APQP TRAINING PRESENTATION
4-OF-02218	2	Quality Document	4-OF-02218	5S TRAINING PRESENTATION
4-OF-02550	1	Quality Document	4-OF-02550	SUPPLY BASE PPAP INTRODUCTION / TRAINING
4-OF-02555	1	Quality Document	4-OF-02555	SUPPLIER PPAP CREATION / SUBMISSION GUIDANCE
408103	18	Quality Document	5/6/3017	WPQR-9100 REQUIREMENTS COMPLIANCE MATRIX
DOC-115	H1	General Engineering Document	DOC-115	DOC - SOURCE SUBSTANTIATION LIST (SSL) FOR COMMERCIAL CONTROLS

DOC-128	Y	General Engineering Document	DOC-128	DOC - CONSUMABLE PRODUCTS
DOC-459	B	General Engineering Document	DOC-459	DOC - CONTROLLED ATTRIBUTE DELEGATED AUTHORITY
DOC-9	AK	General Engineering Document	DOC-9	DOC - ENGINEERING CONTROLLED SPECIAL PROCESSES
EMS-10	F	Manufacturing Specification	EMS-10	ELECTROSTATIC DISCHARGE CONTROL
EMS-105	E	Manufacturing Specification	EMS-105	CLEANING OF ELECTRICAL PARTS & ASSEMBLIES
EMS-110	E	Manufacturing Specification	EMS-110	ANCHORING, EMBEDDING AND POTTING
EMS-120	C	Manufacturing Specification	EMS-120	CONFORMAL COATING OF ELECTRONIC ASSEMBLIES
EMS-15	C	Manufacturing Specification	EMS-15	ELECTRICAL PRODUCTION FACILITIES
EMS-20	D	Manufacturing Specification	EMS-20	TOOLS/EQUIPMENT
EMS-30	F	Manufacturing Specification	EMS-30	INCOMING INSPECTION

EMS-35	E	Manufacturing Specification	EMS-35	SOLDERABILITY TESTING, LEADS AND TERMINATIONS
EMS-40	E	Manufacturing Specification	EMS-40	WIRE PREPARATION
EMS-50	H	Manufacturing Specification	EMS-50	SOLDERING
EMS-60	E	Manufacturing Specification	EMS-60	CRIMP CONNECTIONS
EMS-75	B	Manufacturing Specification	EMS-75	PROGRAMMING OF ELECTRONIC DEVICES
EMS-85	F	Manufacturing Specification	EMS-85	PROCESS INSPECTION
EMS-95	C	Manufacturing Specification	EMS-95	REWORK OF SOLDER CONNECTION
EMS-96	A	Manufacturing Specification	EMS-96	REWORK OF CONFORMAL COATED SOLDER CONNECTIONS
ESS-038	T	Engineering Standard	ESS-038	ENGINEERING STANDARD - DOCUMENT - INDUCTION BRAZING SPEC
ESS-161	K	Engineering Standard	ESS-161	ESS - DEBURRING AND PART CLEANLINESS SPEC.

F25840	15	Quality Document	F25840	TERMS AND CONDITIONS OF PURCHASE ORDER
F26316	7	Quality Document	F26316	SUPPLIER TOOL/GAUGE REQUEST FORM
F26931	8	Quality Document	F26931	SUPPLIER ENGINEERING CHANGE REQUEST (SECR) CHECKLIST
F27729	20	Quality Document	F27729	DEFINITION OF TERMS FOR PURCHASE ORDERS
F27738	5	Quality Document	F27738	PROCESS CONTROL TRACKING
F27743	14	Quality Document	F27743	TOLERANCING AID FOR SUPPLIERS USING WAES AS THEIR SUPPLIER FOR THE NOTED SPECIAL PROCESSES.
F27754	7	Quality Document	F27754	WOODWARD PROCUREMENT QUALITY REQUIREMENTS (WPQR-9100)
F27756	9	Quality Document	F27756	SUPPLIER ESCAPEREREPORT
F27761	8	Quality Document	F27761	SUPPLIER REQUEST FOR SPECIAL PROCESS APPROVAL PER DOC-9
F27776	6	Quality Document	F27776	SUPPLIER KEY CHARACTERISTIC PROCESS CONTROL DOCUMENT
F27865	8	Quality Document	F27865	SUPPLIER QUALITY ALERT NOTICES

F27894	9	Quality Document	F27894	SUPPLIER ENGINEERING REQUEST
F27903	45	Quality Document	F27903	THE GLOBAL ROUTING GUIDE
F27950	6	Quality Document	F27950	SNCR NOTIFICATION
MS-222	AT	Manufacturing Specification	MS-222	MS - BASIC PROCESSES FOR HARD ANODIC COATINGS ON ALUMINUM ALLOYS
MS-964	J	Manufacturing Specification	MS-964	PROCEDURE FOR HARPERIZING
QP-1039	23	Quality Document	QP-1039	VISUAL INSPECTION CONTROLS
QP-1073	17	Quality Document	QP-1073	CONTROL OF WOODWARD DESIGNED CASTINGS, FORGINGS AND BARSTOCK PRODUCED BY SUPPLIERS
SP-1058	T	Engineering Standard	SP-1058	SP - PROCUREMENT SPECIFICATION FOR ALUMINUM BRAZING SHEET
SP-1069	H	Engineering Standard	SP-1069	SHOP PROCEDURE - SP - SUPERFINISHING SPECIFICATION
SP-1070	M	Engineering Standard	SP-1070	SHOP PROCEDURE - SP - DEBURRING SPECIFICATION
SP-1072	AN	Engineering Standard	SP-1072	SP - VENDOR IDENTIFICATION SERIAL NUMBERS

SP-1074	D	Engineering Standard	SP-1074	SHOP PROCEDURE - SP - VENDOR CERTIFICATES OF COMPLIANCE AND MATERIAL CERTIFICATIONS
SP-1079	N	Engineering Standard	SP-1079	ULTRASONIC C-SCAN INSPECTION PROCEDURE
SP-1082	G	Engineering Standard	SP-1082	SHOP PROCEDURE - THREAD LUBRICANT
SP-1084	M	Engineering Standard	SP-1084	SHOP PROCEDURE - ELECTRIC DISCHARGE MACHINING (EDM)
SP-1090	T	Engineering Standard	SP-1090	SP - CONDITION OF CASTING MATERIALS
SP-1096	BB	Engineering Standard	SP-1096	SP - SPECIAL HANDLING CODES
SP-1099	G	Engineering Standard	SP-1099	SHOP PROCEDURE - SP - PRESSURE TESTING
SP-1119	W	Engineering Standard	SP-1119	SHOP PROCEDURE - SP - QUALIFICATION AND CERTIFICATION OF NON-DESTRUCTIVE TESTING PERSONNEL
SP-1125	E	Engineering Standard	SP-1125	SHOP PROCEDURE - SP - CENTERPOINT OIL
SP-1128	D	Engineering Standard	SP-1128	SP - PROCESS CHANGE CONTROL OF INVESTMENT AND SAND CASTING SUPPLIERS
SP-1129	B	Engineering Standard	SP-1129	SHOP PROCEDURE - SP - VISIBLE DYE PENETRANT INSPECTION
SP-1130	F	Engineering Standard	SP-1130	SP - PROCUREMENT SPECIFICATION OF 10% VANADIUM POWDERED METAL TOOL STEEL
SP-1136	C	Engineering Standard	SP-1136	SHOP PROCEDURE - PIND TESTING

SP-1143	F	Engineering Standard	SP-1143	SHOP PROCEDURE - KEY CHARACTERISTICS CONTROL
SP-1149	E	Engineering Standard	SP-1149	SHOP PROCEDURE - SP - RADIOSCOPIC INSPECTION
SP-1159	J	Engineering Standard	SP-1159	SHOP PROCEDURE - SP - CLEANLINESS REQUIREMENTS
SP-1173	A	Engineering Standard	SP-1173	SHOP PROCEDURE - PRESSURE WASHING REQUIREMENTS
SP-1174	A	Engineering Standard	SP-1174	SHOP PROCEDURE - PRESSURE FLUSHING REQUIREMENTS
SP-1175	B	Engineering Standard	SP-1175	SHOP PROCEDURE - CONTROL OF DEBURRING PROCESSES FOR CATAGORY 4, 5, AND 6 PARTS
SP-1191	NEW	Engineering Standard	SP-1191	SP - BREAK EDGE
SP-1197	D	Engineering Standard	SP-1197	SHOP PROCEDURE - SP - ADDITIONAL REQUIREMENTS FOR PURCHASED RAW MATERIAL
SP-1201	D	Engineering Standard	SP-1201	SP - REQUIREMENTS FOR CONTROLLED ATTRIBUTES
SP-1204	D	Engineering Standard	SP-1204	SP - 1204 HEAT TREATMENT OF 2618 ALUMINUM
SP-1205	A	Engineering Standard	SP-1205	SP - TUNGSTEN DISULFIDE COATING, IMPINGEMENT APPLIED
SP-151	BD	Engineering Standard	SP-151	SHOP PROCEDURE - SP - PASSIVATION OF STAINLESS STEEL
SP-2000	J	Engineering Standard	SP-2000	SHOP PROCEDURE - SP - AIRCRAFT ELECTRICAL AND ELECTRONIC SOLDERED ASSEMBLY REQUIREMENTS

SP-222	BR	Engineering Standard	SP-222	SP - HARDCOATING FOR ALUMINUM ALLOYS
SP-223	AJ	Engineering Standard	SP-223	SHOP PROCEDURE - SP - IDENTIFICATION MARKING OF PHYSICAL PARTS AND ASSEMBLIES
SP-229	AA	Engineering Standard	SP-229	SHOP PROCEDURE - CLEANING, LUBRICANT COATING REMOVAL, AND PASSIVATION FOR 17-7 PH SS FORMED SPRINGS/STAMPINGS
SP-278	AD	Engineering Standard	SP-278	SP - NAMEPLATE AND SILKSCREEN SPECIFICATION
SP-323	BJ	Engineering Standard	SP-323	SHOP PROCEDURE - TORQUE LIMITS FOR THREADED PARTS AND FASTENERS
SP-333	W	Engineering Standard	SP-333	SHOP PROCEDURE - SP - RADIOGRAPHY SPECIFICATION
SP-487	L	Engineering Standard	SP-487	SHOP PROCEDURE - ALLOWABLE DEFECTS FOR FORMED TUBES, TUBE ASSEMBLIES & SENSOR COILS
SP-537	P	Engineering Standard	SP-537	SP - MASS SPECTROMETER TEST
SP-822	BH	Engineering Standard	SP-822	SP - ANODIZE
SP-865	DA	Engineering Standard	SP-865	SP - BRAZING SPECIFICATION
SP-870	AG	Engineering Standard	SP-870	SHOP PROCEDURE - SP - CHROMATE CONVERSION COATINGS FOR ALUMINUM AND ALUMINUM ALLOYS
SP-872	L	Engineering Standard	SP-872	SHOP PROCEDURE - SP - ELECTRO DEBURR AND CLEAN
SP-901	CE	Engineering Standard	SP-901	SP - WELDING PROCESSES

SP-905	AW	Engineering Standard	SP-905	SHOP PROCEDURE - SP - THERMOSPRAYED CARBIDE COATING
SP-908	BR	Engineering Standard	SP-908	SHOP PROCEDURE - SP - HEAT TREAT SPECIFICATION
SP-911	AE	Engineering Standard	SP-911	SHOP PROCEDURE - SP - CERTIFICATION & QUALIFICATION REQUIREMENTS FOR EQUIPMENT & OPERATION
SP-913	T	Engineering Standard	SP-913	SHOP PROCEDURE - SP - STAINLESS STEEL TUBES AND FITTINGS
SP-914	AE	Engineering Standard	SP-914	SHOP PROCEDURE - SP - CLEANING AND HANDLING OF TITANIUM AND ZIRCONIUM PARTS
SP-916	AK	Engineering Standard	SP-916	SHOP PROCEDURE - FLUORESCENT PENETRANT INSPECTION
SP-917	AF	Engineering Standard	SP-917	SHOP PROCEDURE - SP - MAGNETIC PARTICLE INSPECTION
SP-919	R	Engineering Standard	SP-919	SHOP PROCEDURE - CALIBRATING FLUID, SPECIFICATIONS AND CONTROLS
SP-922	T	Engineering Standard	SP-922	SHOP PROCEDURE - CARBIDE - CONTROL OF (LITTLE OR NO SHOCK)
SP-934	AA	Engineering Standard	SP-934	BRAZED ALUMINUM FABRICATIONS
SP-937	R	Engineering Standard	SP-937	SHOP PROCEDURE - SP - I.D. CARBIDE DEPOSITION
SP-942	P	Engineering Standard	SP-942	CARBIDES - CONTROL OF (MEDIUM SHOCK)
SP-950	Y	Engineering Standard	SP-950	SP - HEAT TREATMENT OF ALUMINUM - GENERAL

SP-964	J	Engineering Standard	SP-964	SP - FINISHING SPECIFICATION
SP-972	V	Engineering Standard	SP-972	SHOP PROCEDURE - BRAZING - JOINING OF SENSOR TUBING ASSEMBLIES
SS-107	F	Shop Standard	SS-107	SHOP STANDARD - SS - STANDARD KEY AND KEYWAY DIMENSIONING DATA
SS-112	BB	Shop Standard	SS-112	SHOP STANDARD - SS - DRAWING DEFINITIONS AND TOLERANCE STANDARD
SS-121	K	Engineering Standard	SS-121	SS - CLARIFICATION AND INSPECTION OF SERRATIONS
SS-122	AC	Engineering Standard	SS-122	SS - PRESSURE EQUALIZING GROOVES
SS-126	AY	Shop Standard	SS-126	SHOP STANDARD - SS - O-RING GROOVE STANDARD
SS-130	CK	Shop Standard	SS-130	SHOP STANDARD - SCREW THREAD STANDARDS
SS-134	N	Engineering Standard	SS-134	SS - RETAINING RING GROOVES - WALDES TYPE
SS-136	AF	Engineering Standard	SS-136	SS - HEX SOCKETS & KEYS
SS-138	N	Shop Standard	SS-138	SHOP STANDARD - SS - RESIDUAL MAGNETISM STANDARD
SS-141	BJ	Shop Standard	SS-141	SHOP STANDARD - CLASSIFICATION AND NON-DESTRUCTIVE TESTING OF CASTINGS (MATERIAL AND HEAT TREATMENT)
SS-144	AP	Engineering Standard	SS-144	SS - STRAIGHT THREAD FITTING BOSSES

SS-151	AL	Engineering Standard	SS-151	INSPECTION OF HOLES FOR, AND INSTALLATION OF FLUID CONTROL COMPONENTS (INSERTS-LEE)
SS-153	W	Shop Standard	SS-153	SHOP STANDARD - CAST OR FORGED PART TOLERANCES
SS-157	W	Engineering Standard	SS-157	SS - SPUR GEARS, HELICAL GEARS, AND RACKS
SS-158	K	Engineering Standard	SS-158	SS - SPIRAL VEE GROOVES
SS-159	L	Shop Standard	SS-159	SHOP STANDARD - SS - SHEET METAL ITEMS - TOLERANCES FOR
SS-161	H	Engineering Standard	SS-161	SS - RETAINING RING GROOVES - SPIROLOX
SS-162	K	Engineering Standard	SS-162	SS - STAKING SCREW THREAD INSERTS
SS-163	BN	Shop Standard	SS-163	SHOP STANDARD - SS - SYMBOLS AND MARKINGS
SS-170	D	Shop Standard	SS-170	SHOP STANDARD - SS - ALLOWABLE NICKS, SCRATCHES, & DENTS (FOR LEAF SPRINGS, DIAPHRAGMS, TUBES, AND POWER SPRINGS)
SS-172	N	Engineering Standard	SS-172	SS - CAM DIMENSIONING AND TOLERANCE STANDARD
SS-175	U	Shop Standard	SS-175	SHOP STANDARD - SS - SPRING TOLERANCE STANDARD

SS-176	C	Shop Standard	SS-176	SHOP STANDARD - SS - 'AN' SEAL SURFACES
SS-177	AU	Engineering Standard	SS-177	SS - MACHINING/IDENTIFICATION/MARKING REQUIREMENTS FOR OVERSIZE FLUID CONTROL COMPONENTS (HYDRAULIC EXPANSION INSERT)
SS-178	C	Engineering Standard	SS-178	SS - CARBON FACE SEAL CRITERIA
SS-179	AA	Engineering Standard	SS-179	SS - OVERSIZE SCREW THREAD INSERTS
SS-180	N	Engineering Standard	SS-180	SS - INSTALLATION OF THIN WALL INSERTS
SS-183	L	Engineering Standard	SS-183	SS - TWININSERTS
SS-185	M	Shop Standard	SS-185	SHOP STANDARD - SS - INSPECTION SAMPLING TABLES
SS-186	A	Engineering Standard	SS-186	SS - KNURLING
SS-188	A	Shop Standard	SS-188	SHOP STANDARD - SS - CLASSIFICATION OF CHARACTERISTICS
SS-191	H	Shop Standard	SS-191	SHOP STANDARD - SS - HEAT AND FREEZE ASSEMBLY INSTRUCTIONS
SS-192	M	Engineering Standard	SS-192	SS - STANDARD FOR GROOVES THAT CONTAIN O-RING/BACK-UP RING COMBINATIONS, CHANNEL SEALS, GLYD RINGS, ETC.

SS-196	N	Shop Standard	SS-196	SHOP STANDARD - SS - MEASUREMENT OF FORM TOLERANCES, STRAIGHTNESS, CIRCULARITY (ROUNDNESS) AND CYLINDRICITY
SS-197	A	Engineering Standard	SS-197	SS - OPTICAL FLATS
SS-199	P	Shop Standard	SS-199	SHOP STANDARD - PRODUCT IMPERFECTIONS
SS-201	AG	Engineering Standard	SS-201	SS - EXTERNAL INVOLUTE SPLINES (30 DEGREE P.A. PER ANSI B92.1)
SS-206	A	Engineering Standard	SS-206	SS - CLARIFICATION AND INSPECTION OF INVOLUTE SPLINES
SS-207	D	Shop Standard	SS-207	SHOP STANDARD - SS - ACME THREAD STANDARD
SS-210	K	Shop Standard	SS-210	SHOP STANDARD - SS - CLEANING PROCESS
SS-211	C	Engineering Standard	SS-211	SS - GITS METHOD FOR CHECKING FLATNESS
SS-213	C	Engineering Standard	SS-213	SS - NOTCHING OF PARTS
SS-215	C	Engineering Standard	SS-215	SS - PUMP GEAR ACCEPTANCE CRITERIA
SS-217	A	Engineering Standard	SS-217	SS - GENERAL SPECIFICATIONS
SS-35	AB	Engineering Standard	SS-35	SS - EXTERNAL SERRATIONS

SS-48	AA	Engineering Standard	SS-48	SS - INTERNAL SERRATIONS
SS-81	N	Shop Standard	SS-81	SHOP STANDARD - SS - CENTER DRILLS
SS-88	J	Shop Standard	SS-88	SHOP STANDARD - SS - WOODRUFF SYSTEM OF KEYING
WPQR-9100	27	Quality Document	WPQR-9100	QUALITY SYSTEMS REQUIREMENTS FOR WOODWARD SUPPLIERS
WPQR-9102	17	Quality Document	WPQR-9102	WPQR-9102 SUPPLIER PPAP SUBMISSION CONTENT AND ACCEPTANCE REQUIREMENTS SPECIFICATION