

Current Reference Material Listings on the Honeywell PRI Qualification Exam Site	
Brazing	Necessary Reference Documents
3033 Dip Brazing	AWS C3.7
	AWS A2.4
	AWS Brazing Handbook
	ASM Welding, Brazing and Soldering Handbook
3034 Brazing-Induction	AWS C3.5
	AWS Brazing Handbook
	ASM Welding, Brazing and Soldering Handbook
3036 Brazing - Torch Brazing	AWS C3.4
	AWS A2.4
	AWS Brazing Handbook
	ASM Welding, Brazing and Soldering Handbook
Chemical Process	Necessary Reference Documents
3001 Chemical Processing-Anodize	MIL-A-8625
3002 Chemical Processing-Chemical Milling	None
3003 Chemical Processing-Conversion Coating	MIL-C-5541
3004 Chemical Processing-Clean / Etch	None
3005 Chemical Processing Paint	FED-STD-595
3006 Chemical Processing - Plating	AMS2406
Elastomers	Necessary Reference Documents
3107 Elastomers - Reinforced Fabric	None
3114 Elastomer-Compression Seals	None
Electronics	Necessary Reference Documents
3017 Electronics-Cable and Harness- General	IPC/WHMA-A-620
3016 Electronics-CAH(s)-Crimping	IPC/WHMA-A-620
3021 Electronics-CAH(s)-Harness	IPC/WHMA-A-620
3015 Electronics-CAH(s)-Other	IPC/WHMA-A-620
3020 Electronics-CAH(s)-Soldering	IPC/WHMA-A-620
3018 Electronics-Printed Boards (PB)	IPC-6012, IPC-6011, IPC-A-600
3019 Electronics-Printed Board Assemblies (PBA)	IPC Standards IPC-610, J-STD-001
	ALL QUESTIONS REFER TO "IPC-CLASS 3" REQUIREMENTS UNLESS OTHERWISE STATED
3022 Electronics-Conformal Coating	J-STD-001 IPC-A-610 IPC-CC-830 IPC-HDBK-830 MIL-I-46058
Heat Treat	Necessary Reference Documents

3121 HT Aluminum	AMS 2750, ASTM E10
3124(s) HT/AL - Cast	AMS 2771
3123(s) HT/AL - Forgings	AMS 2770, ASTM B247
3122(s) HT/AL - Wrought	AMS 2770, ASTM B221
3125 Heat Treat Light Alloys <u>NonAluminum</u>	AMS 2750, ASTM E10
3127(s) HT/CUBE - Beryllium/Copper <u>Alloys</u>	AMS 2728, AMS-H-7199, ASTM B194
3126(s) HT/MG - Magnesium <u>Alloys</u>	AMS 2768, ASTM B403
3128 Heat Treat Stress Relief	AMS 2750, AMS 2801, ASTM E140
3129 Heat Treat Steel Alloy & Carbon	AMS 2750, AMS 2759/1, AMS 6414, ASTM E10
3131(s) HT/ST - Corrosion Resistant <u>Austenitic</u>	AMS 5513, AMS 2759/4
3132(s) HT/ST - Corrosion Resistant <u>Martensitic</u>	AMS 5621, AMS 2759/5
3133(s) HT/STPH - Corrosion Resistant <u>Precipitation Hardening</u>	AMS 5643, AMS 2759/3
3134 Heat Treat Surface <u>Hardening</u>	ASTM E10, ASTM E18
3136(s) HT/CB - Carburizing <u>Gas</u>	AMS 2759/7, ASTM A29, AMS6265 , AC7102/3
3137(s) HT/ND - Nitriding <u>Ion</u>	AMS 6382, AMS 2759/8
3138(s) HT/ND - Nitriding <u>Gas</u>	AMS 6382, AMS 2759/6
3139(s) HT/INDHT - Induction <u>Hardening</u>	AMS 6414, MIL-S-12515
3140 HT Titanium Nickel Cobalt & <u>Special Purpose Alloys</u>	AMS 2750
3141(s) HT/TI - Titanium <u>Alloys</u>	AMS, 4928, AMS 2801, AMS-H-81200
3142(s) HT/NICO - Nickel Cobalt <u>Alloys</u>	AMS 2774, AMS 5662, AMS 5891
3143(s) HT/MAGNET - Magnetic <u>Alloys</u>	ASTM A753, FI-1620
3144 HT-HIP	AMS 2750, AC7102/6
NDT	Necessary Reference Documents
3201 NDT-Liquid Penetrant (PT)	FI-1481
	FI-1150
	EMS 52301/1
	EMS52301
	GPS5103-1
	WBS5018
	EMS52309
	HGS1010
	EMS57931
	HGS1008
	C5102
	C129
	EMS92358
	SPOC 165.7
	EMS52308
HGS1009	
EMS57931	

3202 NDT-Magnetic Particle (MT)	ASTM-E-1444
	AMS2641
	EMS92367
	SPOC 165.7
	NAS410
	EMS 52301
	EMS52301/1
	GPS5102-1
	EMS72367
3203 NDT-Radiography (RT)	HPS1000
	P6804
	SPOC 165.7
	EMS 52301
	EMS 52301/1
	WBS5018
	ASTM-E-1742
	EMS52321
	EMS57931
	P6803
	AMS - STD-2154
3204 NDT-Ultrasonic (UT)	WBS5027
	WBS5071
	EMS92394
	P6203
	SPOC MANUAL
	SPOC 165.7
	ASTM-E-127
3205 NDT- Digital Radiography (DXR)	SPOC 165.7
	HGS1005
3206 NDT- Eddy Current (ET)	EMS52374
	EMS52355
	LH8042
	NGPS1046
	EMS92395
	SPOC 165.7
	EMS52386
Non-Traditional Machining	Necessary Reference Documents
3101 Electrochemical Grinding	ASM Handbook Volume 16
3102 NM Electro Chemical Machining	ASM Handbook Volume 16
3103 NMSE Electrical Discharge Machining	ASM Handbook Volume 16
3104 NM Laser-Beam Machining	ASM Handbook Volume 16
3105 Shot Peening	ASM Handbook Volume 5
	EI Electronics Inc. Support

	AMS2430, AMS2432
Thermal Coat	Necessary Reference Documents
3007 Thermal Coating-Cementation	None
3008 Thermal Coating - Thermal Spray	AMS 2447, AMS 2437, AMS 2435, AMS 2465
3009 Thermal Coating - Vapor Phase Deposition	None
Welding	Necessary Reference Documents
3106 Casting Welding Assessment	AMS 2694A AMS2694, AWS A3.0, AWS A5.12, AWS C5.5, AWS D17.1
3108 Diffusion Welding Assessment	None
3109 Electron Beam Welding	AWS D17.1, AWS A2.4, AWS A3.0
3110 Flash Welding Assessment	AMS-W-6858
3111 Welding Inertia/Friction Assessment	None
3114 Laser Beam Weld Assessment	AWS D17.1, AWS A2.4, AWS 3.0
3115 Resistance MicroSpot Welding Assessment	AMS-W-6858 AWS D17.2, AWS A2.4, AWS A3.0