

Current Reference Material Listings on the Honeywell PRI Qualification Exam Site

| Brazing | Necessary Reference Documents |
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| 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 |
| 3022 Electronics-Conformal Coating | ALL QUESTIONS REFER TO "IPC-CLASS 3" REQUIREMENTS UNLESS OTHERWISE STATED |
| | J-STD-001 IPC-A-610 IPC-CC-830 IPC-HDBK-830 MIL-I-46058 |
| Heat Treat | Necessary Reference Documents |

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| 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 | |

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| 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 |

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| | AMS2340, 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 |
| 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 |