

Honeywell Exams Reference Material Listings

Exam Catalog	Necessary Exam Reference Documents	Suggested Training Resources for Process Knowledge Development (info only)
Brazing		
3033 Dip Brazing	AWS A2.4; AWS C3.7	AWS Brazing Handbook; ASM Handbook - Volume 6; AWS C3.14
3034 Induction Brazing	AWS A2.4; AWS C3.5	
3036 Torch Brazing	AWS A2.4; AWS C3.4	
Chemical Processing		
3001 Chemical Processing-Anodize	MIL-PRF-8625 (MIL-A-8625)	ASM Handbook - Volume 5
3002 Chemical Processing-Chemical Milling	None	
3003 Chemical Processing-Conversion Coating	MIL-C-5541	
3004 Chemical Processing-Clean / Etch	None	
3005 Chemical Processing Paint	AMS-STD-595 (FED-STD-595)	
3006 Chemical Processing - Plating	AMS2406, AMS2410 or AMS2411	
Elastomers		
3014 Elastomer-Compression Seals	None	
3107 Elastomers - Reinforced Fabric	None	
Electronics		
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 Treating		
3125 Heat Treat Light Alloys NonAluminum	AMS2750, ASTM E10	ASM Handbook - Volume 4, ASM Heat Treater's Guide
3127(s) HT/CUBE - Beryllium/Copper Alloys	AMS2728, AMS-H-7199, ASTM B194	
3126(s) HT/MG - Magnesium Alloys	AMS2768, ASTM B403	
3134 Heat Treat Surface Hardening	ASTM E10, ASTM E18	ASM Handbook - Volume 4, ASM Heat Treater's Guide
3136(s) HT/CB - Carburizing Gas	AMS2759/7, ASTM A29, AMS6265 , AC7102/3	
3137(s) HT/ND - Nitriding Ion	AMS6382, AMS2759/8	
3138(s) HT/ND - Nitriding Gas	AMS6382, AMS2759/6	
3139(s) HT/INDHT - Induction Hardening	AMS6414, MIL-S-12515	
3143(s) HT/MAGNET - Magnetic Alloys	ASTM A753, FI-1620	
3144 HT-HIP	AMS2750, AC7102/6	ASM Handbook - Volume 15
Non-Destructive Testing		

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3201 NDT-Liquid Penetrant (PT)	Honeywell: C5102, EMS 52301/1, EMS52309, EMS57931, FI-1150, FI-1481, GPS5103-1, HGS1008, HGS1010, SI-165-01, WBS5018	ASNT Handbook Vol.1 - PT, ASNT Level III Study Guide: Liquid Penetrant Testing (PT) ASM Handbook, Volume 17: Nondestructive Evaluation of Materials; NDT Handbook - Robert C McMaster
3202 NDT-Magnetic Particle (MT)	Industry: AMS2641, ASTM E1444, NAS410; Honeywell: EMS 52301, EMS52301/1, EMS52308, EMS57931, EMS72367, EMS92367, GPS5102-1, HGS1009, SI-165-01, WBS5018	ASNT Handbook Vol.8 - MT, ASNT Level III Study Guide: Magnetic Particle Testing (MT) ASM Handbook, Volume 17: Nondestructive Evaluation of Materials; NDT Handbook - Robert C McMaster
3203 NDT-Radiography (RT)	Industry: ASTM E1742; Honeywell: EMS 52301, EMS 52301/1, HPS1000, P6804, SI-165-01, WBS5018	ASNT Handbook Vol.3 - RT, ASNT Level III Study Guide: Radiographic Testing (RT) ASM Handbook, Volume 17: Nondestructive Evaluation of Materials; NDT Handbook - Robert C McMaster
3204 NDT-Ultrasonic (UT)	Industry: AMS-STD-2154, ASTM E127; Honeywell: EMS52321, EMS57931, EMS92394, P6203, P6803, SPOC Manual, SI-165-01, WBS5027, WBS5071	ASNT Handbook Vol.7 - UT, ASNT Level III Study Guide: Ultrasonic Testing (UT) ASM Handbook, Volume 17: Nondestructive Evaluation of Materials; NDT Handbook - Robert C McMaster
3205 NDT- Digital Radiography (DXR)	Honeywell: HGS1005, SI-165-01	ASNT Handbook Vol.3 - RT, ASNT Level III Study Guide: Radiographic Testing (RT) ASM Handbook, Volume 17: Nondestructive Evaluation of Materials; NDT Handbook - Robert C McMaster
3206 NDT- Eddy Current (ET)	Honeywell: EMS52355, EMS52374, EMS52386, EMS92395, LH8042, NGPS1046, SI-165-01	ASNT Handbook Vol.5 - ET, ASNT Level III Study Guide: Eddy Current (ET) ASM Handbook, Volume 17: Nondestructive Evaluation of Materials; NDT Handbook - Robert C McMaster
NonConventional Machining		
3101 Electrochemical Grinding	ASM Handbook - Volume 16	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	
Surface Enhancement		
3105 Shot Peening	ASM Handbook - Volume 5, AMS2340, AMS2432, EI Electronics Inc. Support	ASM Handbook - Volume 5
Thermal Coating		
3007 Thermal Coating-Cementation	None	ASM Handbook - Volume 5A
3008 Thermal Coating - Thermal Spray	AMS2447, AMS2437, AMS2435, AMS2465	ASM: Handbook of Thermal Spray Technology; ASM Handbook - Volume 5A
3009 Thermal Coating - Vapor Phase Deposition	None	ASM Handbook - Volume 5A
Welding		
3106 Casting Welding	AMS2694, AWS A3.0, AWS A5.12, AWS C5.5, AWS D17.1	AWS C5.5; AWS Welding Handbook - Volumes 1, 2, 3, and 4
3108 Diffusion Welding	None	AWS Welding Handbook - Volume 3

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3110 Flash Welding	AWS D17.2	AWS Resistance Welding Manual; AMS7490; AMS7498
3111 Welding Inertia/Friction	None	AWS Welding Handbook - Volume 3
3114 Laser Beam Welding	AWS D17.1, AWS A2.4, AWS A3.0	AWS C7.2; AWS Welding Handbook - Volumes 1, 2, 4, and 5
3115 Resistance MicroSpot Welding	AWS D17.2, AWS A2.4, AWS A3.0	AWS C1.1; AWS Resistance Welding Manual; AWS Welding Handbook - Volume 3

Notes:

1. Instructions for obtaining Honeywell specifications can be found in Honeywell ASI (Aerospace Specification Index) [<https://specindex.honeywell.com//SPECINDEX/login.jsp>]. Tier 1 suppliers shall contact the appropriate Honeywell Buyer/Planner. Subtier suppliers shall contact their customer (Honeywell Tier 1 Supplier).
2. The latest specification revision applies unless a specific revision is referred to in the exam question.