

Specification Revision List

August 9, 2010



Pratt & Whitney

Excel version of this document:

http://www2.pratt-whitney.com/procurement/specrev/aug10/srl_current.xls

ATTENTION: QUALITY ASSURANCE MANAGER

**** PRATT & WHITNEY SPECIFICATION REVISION LIST ****

The Pratt & Whitney (P&W) "Specification Revision List" (SRL) documents the latest revision status of P&W specifications and Materials Control Laboratory (MCL) Manual Sections in effect as of the publication date. Purchase orders/Schedule Agreements establish the required issue of the P&W SRL. Industry Standards, Military Specifications, Aerospace Material Specifications (AS, MS, AMS, etc.) and other non-P&W documents in effect at the date of the Purchase Order/Schedule Agreement apply.

Suppliers are required by P&W Specification ASQR-01, "Aerospace Supplier Quality Requirements," to establish and maintain a system for the control of specifications and other applicable data as stipulated on the P&W Purchase Order/Schedule Agreement, to ensure that articles for P&W are processed in accordance with P&W requirements.

Suppliers are not required to comply with subsequently published new or revised specifications (i.e. P&W, AMS etc.) or MCL Manual Sections except as reflected by a change in the purchase order/schedule agreement. Suppliers may, at their option, work to later specification or MCL Manual Section revisions, provided there are no increases to the purchase order price.

DIRECT ANY REQUESTS FOR DOCUMENTS TO YOUR RESPONSIBLE PROCUREMENT AGENT, USING
THE SPECIFICATION REQUISITION FORM

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Methods, Qualification and Quality Assurance Specifications (ACDM, ATTM...XRM) (ATTQ...PW-QA...ASQR-01) METHODS,QUALITY & QA
MTU (Motoren-Und Turbinen-Union) & Techspace Aero MTU & Techspace Aero
Packaging Engineering Instruction Specifications Pkg Eng Instruction Specs (P)
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[ASME](#)
[SAE, AMS, AS, ARP, AIR](#)
[ANSI](#)

Rev Date 04/09

USE INSTRUCTIONS BELOW WHEN REQUESTING MCL MANUAL
SECTIONS ON FORM MCLM650 LOCATED ON LAST PAGE OF SRL

Please note: REQUESTS FOR MATERIALS CONTROL LABORATORY (MCL) MANUAL SECTIONS:

[Suppliers who have an assigned MCL Supplier Quality Engr \(SQE\)](#)

Forward form MCLM650 directly to your SQE for approval

[Suppliers who do not have an assigned SQE](#)

Fax form MCLM650 to MCL Core at (860) 565-1506 Attn: MCL Manual Sections Request Form Management

[Requests for Non Destructive Test \(NDT\) Manual Appendix and Sections](#)

Contact P&W Purchasing Buyer

Rev: 04/09

SPECIFICATION REQUISITION

P&W specifications are available to our suppliers based on VALID REQUIREMENTS. Those requirements consist of specifications imposed at the PURCHASE ORDER/SCHEDULE AGREEMENTS and/or QUOTATION level.

In order to help us expedite your request for specifications, you must complete this form in its entirety, noting the specific specifications required, with associated Material/Part Number(s) and/or Schedule Agreement/Purchase Orders(s), Quote Number(s). **REQUESTS MUST BE FORWARDED DIRECTLY TO COGNIZANT PROCUREMENT BUYER WHO WILL FILL REQUEST OR COORDINATE WITH APPROPRIATE AREA.**
EXCEPTION: when requesting MCL SECTIONS only, see appropriate SRL page for instructions.

For specifications related to **P&W FLORIDA based purchase orders/quotations ONLY**, forward this form via mail or fax to:
Material Procurement Department/Administration Section
Pratt & Whitney
P.O. Box 109600
West Palm Beach, FL 33410-9600
FAX: (561) 796-6105 Att: Administrative Services

REQUESTER INFORMATION

P&W BUYER/CODE _____
SUPPLIER CODE _____
NAME / PHONE _____
COMPANY NAME _____
ADDRESS _____
CITY, STATE, ZIP _____

<u>SPECIFICATION #</u>	<u>P&W PART/MATERIAL NUMBER</u>	<u>PW PO/SA/QUOTE#</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Rev Date: 07/09

P&W Component Calibration Schedules - (CCS)

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294A	297A	303	305	306	308
326B	335A	338D	344A	345B	350
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427	431	433	437	440	441
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498A	505	508	509	511	513
515B	521	525	528B	529	532
541H	542	543A	547A	560	562K
563	566	568	571A	573C	574D
577	585	587	588	589	590
595A	597	599	608G	610H	615A
630	634	635	639A	640	644K
645	649	650	652	662	664
665	666	674	675	677	678F
679C	682	683	684B	685C	687
689	695	696A	702	705	710H
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805A	807	808A	810	817	820
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836	839C	840	841B	844G	845
846	848	850	852	853	855
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867	870	871	872D	873	877
881	886	887A	889	890	891
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931A	932	946	947A	948	949B
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997D	998A	999B	1000C	1001	1006C
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1026B	1027	1028	1030	1031	1032
1034F	1036C	1037C	1038D	1041C	1042C
1043C	1045	1052	1054	1055C	1056D
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1104	1105	1106C	1107D	1108A	1109B
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* Revised Since Previous Edition of 7/21/2010

+ Added Since Previous Edition of 7/21/2010

Revision Date 8/2010



Engineering Instructions (EI) Florida

*EI 283T	EI 501	EI 505A Deleted	EI 508	EI 512B
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* Revised Since Previous Edition of 7/21/2010
+ Added Since Previous Edition of 7/21/2010
Revision Date 8/2010



MCL NDT Manual Appendix & Sections

DATED 12/10/09 THIS APPENDIX A LISTS THE SUPPLIERS CERTIFIED FOR NON-DESTRUCTIVE TEST (NDT) INSPECTION AND OTHER INSPECTIONS.

Appendix Listing	Effective Date
Appendix A	5/14/2010
Section I	5/14/2010
Section II	5/14/2010
Section IV	5/14/2010
Section V	5/14/2010
Section VI	Cancelled
Section IX	5/14/2010
Section IXb	Cancelled
Section X	5/14/2010
Section XI	11/6/2006
Section XIV	5/14/2010

* Revised Since Previous Edition of 7/21/2010
+ Added Since Previous Edition of 7/21/2010
Revision Date 8/2010



**MISCELLANEOUS
MCL MANUAL SECTIONS**

	SECTION	REV. DATE
	Preface	4/15/2007
#	Volume IV Contents	Remove
#	Volume IV-D Contents	Remove
#	Source Qualification List	3/14/2008
	P&W Rocketdyne Source Qualification List-(updated monthly=&)	11/6/2006
	Sensitive Index	2/15/2008
	All Purchased Parts Suppliers (canceled & incorporated into F-17)	Remove

**A - SECTIONS
Laboratory Controls for
Product and Product-Related Material**

	SECTION	REV. DATE
	A Contents	Remove
	A-1	9/9/2009
#	A-2	10/31/2004
	A-2 Supp A	12/2/2008
#	A-3	3/15/2006
#	A-4	2/2/2010
#	A-4 Supp 1	3/15/2006
#	A-4 Supp 2	3/31/2006
#	A-4 Supp 3A	10/15/2003
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	A-6 Supp I	9/21/2009
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	A-7	5/14/2010
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	A-10 Supp A	10/15/2003
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	A-13 Supp A	8/26/2009
	A-100	12/10/2008

C - SECTIONS
Material Control Laboratory
Internal Procedures

	SECTION	REV. DATE
	C Contents	Remove
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	C-5	6/1/2009
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	C-10 Supp C	5/20/2010
	C-10 Supp D	8/11/2009
	C-10 Supp E	1/28/2010
	C-10 Supp F	3/15/2004
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	C-39	1/28/2010
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	C-70	1/18/2010
	C-7 Cancelled	Remove
	C-72	1/12/2010
	C-73	5/11/2010
	C-74	4/15/2007

E SECTIONS
General Instructions for
Mechanical and Metallurgical Test

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#	E Contents	2/15/2008
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	E-0 Supp A1	1/31/2008
	E-0 Supp B	9/15/2000
	E-0 Supp C	8/15/2005
	E-0 Supp C1	4/30/1998
	E-0 Supp D	1/25/2010
	E-0 Supp E	4/30/2002
	E-0 Supp F	10/24/2008

Acceptance Standards

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	E Sections Ref. Cancelled	3/11/2009
	E-1	8/15/2005
	E-2	4/30/2002
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	E-278 New	6/19/2009
	E-279 New	4/15/2010

Mechanical & Metallurgical
Test Methods

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	E-1000 Supp S	10/31/2004
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Supplier Controls for Product
and Product-Related Material

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#	F-2	2/28/1999
#	F-3	5/14/2010
#	F-4	5/27/2010
	F-9	1/15/2009
#	F-11	5/25/2010
	F-11 Supp D	2/28/1999
#	F-12	5/27/2010
#	F-13	4/15/2005
#	F-14	4/16/2010
#	F-15	2/28/1999
#	F-16	2/28/1999
#	F-17	3/5/2010
#	F-17 Supp A	3/5/2010
#	F-22	10/31/2004
#	F-23	9/30/2006
#	F-24	3/15/2006
	F-25	2/28/1999
#	F-26	5/13/2010
#	F-27	4/15/2005
#	F-28	5/25/2010
#	F-31	2/28/1999
	F-32	5/7/2009
#	F-36	12/1/2009
#	F-38	4/30/2000
#	F-40	12/4/2009
	F-40 Supp A Cancelled	Remove
#	F-40 Supp B	5/27/2010
#	F-42	4/15/2009
#	F-43	5/29/2009
#	F-44	3/15/2008
#	F-45	1/21/2010
#	F-46	1/21/2010
#	F-46 Supp A	1/21/2010
#	F-52	9/15/1999
#	F-53 (Ref: POP 901)	12/31/2007
	F-54	2/14/2007
	F-56	8/31/1999
#	F-57	11/4/2009
#	F-57 Supp A	11/4/2009
	F-58	3/5/2010
#	F-60	9/15/2000
#	F-61	3/31/2010
#	F-62	3/15/2002

#	F-64	11/15/2003
#	F-65	6/19/2009
#	F-66	3/4/2010

Laboratory Control Space Shuttle
Main Engine (SSME)
Turbopump Parts & Materials

Current Revisions for SSME F-54 Addenda Reside
in the "Rocket Engineering Instruction (REI)"
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APPENDIX – SECTIONS

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	App Contents	Remove
	App 29 Cancelled	7/21/2009
	App 32	9/15/2005
	App 35	4/3/2009
#	App 36	2/5/2010
#	App 43	5/15/2003
	App 52	11/15/1998
#	App 56	7/20/2009
#	App 60	11/3/2009
	App 61 Cancelled	5/15/2009
	App 63 Cancelled	7/22/2009
	App 65	7/15/1998
	App 68 Cancelled	Remove
	App 69 Cancelled	6/1/2009
	App 72 Cancelled	7/16/2009

J – SECTIONS
Specimen Preparation
Machining Group

	<u>SECTION</u>	<u>REV. DATE</u>
	J Contents	Remove
	J-0	8/31/1999
	J-1	3/31/2009
	J-3	3/31/2009
	J-4	4/1/2009
	J-5	4/1/2009
	J-6	4/1/2009
	J-7	4/1/2009
	J-8	8/31/1999
	J-9	4/1/2009
	J-10	4/1/2009
	J-11	3/31/2009
	J-12	4/12/2009
	J-14	4/1/2009
	J-15	4/1/2009
	J-16	4/1/2009
	J-18	3/31/2009
	J-20	4/16/2009
	J-21	5/4/2009
	J-22	4/1/2009
	J-23	5/15/2005
	J-24	4/1/2009

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	J-25	4/1/2009
	J-27	4/1/2009
	J-28	8/31/1999
	J-29	4/1/2009
	J-30	4/1/2009
#	J-32	8/31/1999
	J-35	4/1/2009
	J-36	4/1/2009
	J-37	4/1/2009
	J-38	4/1/2009
	J-39	4/1/2009
	J-40	8/31/2009
	J-45	8/31/1999
	J-47	4/7/2009
	J-50	4/7/2009
	J-51	4/7/2009
	J-52	4/7/2009
	J-53	4/7/2009
	J-54	4/7/2009
	J-55	4/7/2009
	J-56	4/7/2009
	J-59	4/7/2009
	J-60	4/7/2009
	J-61	4/7/2009
	J-62	8/31/1999
	J-64	4/15/2009
	J-65	8/31/1999
	J-68	4/9/2009
	J-70	4/9/2009
	J-71	4/9/2009
	J-72	4/9/2009
	J-78	4/9/2009
	J-80	4/9/2009
	J-81	4/9/2009
	J-82	4/9/2009
	J-83	4/9/2009
	J-84	4/9/2009
	J-85	4/9/2009
	J-86	4/9/2009
	J-88	8/31/1999
	J-89	4/14/2009
	J-90	4/16/2009
	J-90 Supp 1	8/25/2009
	J-93	4/13/2009
	J-94	4/14/2009
	J-95	4/14/2009
	J-97	4/14/2009
	J-99	4/14/2009
	J-100	4/16/2009
	J-103	4/15/2009
	J-104	4/15/2009
	J-105	9/30/1988
	J-106	4/15/2010
	J-107	4/16/2009
	J-109	4/15/1980
	J-110	5/5/2009
	J-111	4/27/2009
	J-112	4/28/2009
	J-113	4/28/2009
	J-114	4/17/2009

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	J-115	4/16/2009
	J-116	4/28/2009
	J-117	4/16/2009
	J-118	4/28/2009
	J-119	5/1/2009
	J-119 Supp A	6/30/1997
	J-120	4/16/2009
	J-121	6/15/1984
	J-122	4/16/2009
	J-123	7/15/1989
	J-124	10/1/2009
	J-125	5/1/2009
	J-125 Supp A	4/15/1994
	J-126	5/1/2009
	J-127	2/29/1988
	J-128	5/1/2009
	J-129	5/11/2009 Cancelled

K – SECTIONS
Mechanical and Metallurgical Tests –
Metallic Materials

	SECTION	REV. DATE
	K Contents	Remove
	K-4	9/24/2009
	K-5	9/24/2009
	K-6	9/24/2009
	K-13 Cancelled	9/26/2008
	K-14	9/24/2009
	K-15	9/24/2009
	K-17	9/24/2009
	K-19	9/30/2009
	K-24	10/15/2000
	K-33 Cancelled	Remove
	K-34	9/30/2009
	K-35	10/1/2009
	K-36	9/30/2009
	K-38	10/1/2009
	K-42	8/31/2009
	K-43 Cancelled	Remove
	K-45	10/9/2009
	K-50	9/30/2009
	K-55 Cancelled	9/26/2008
	K-56	9/30/2009
	K-58	10/9/2009
	K-61 Cancelled	Remove
	K-62	10/9/2009
	K-65	10/13/2009
	K-66	10/1/2009
	K-67 Cancelled	9/10/2009
	K-70	10/9/2009
	K-76	10/9/2009
	K-78	10/19/2009
	K-79	10/9/2009
	K-80	10/15/2000
	K-81 Cancelled	9/26/2008
	K-82	10/9/2009
	K-83 Cancelled	Remove
	K-85	10/9/2009

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	K-86	10/19/2009
	K-88 Cancelled	9/26/2008
	K-89	10/19/2009
	K-92	10/13/2009
	K-95	10/19/2009
	K-97	10/19/2009
	K-100	10/19/2009
	K-116 Cancelled	Remove
	K-119 Cancelled	Remove
	K-120	10/13/2009
	K-121	10/13/2009
	K-122	10/13/2009
	K-123	10/13/2009
	K-124	10/13/2009
	K-125	10/15/2000
	K-133	10/13/2009
	K-134	10/13/2009
	K-135	8/15/1978
	K-137	10/15/2000
	K-143 Cancelled	Remove
	K-144	10/19/2009
	K-145 Cancelled	9/26/2008
	K-148 Cancelled	9/26/2008
	K-152 Cancelled	9/26/2008
	K-154 Cancelled	9/26/2008
	K-158 Cancelled	9/26/2008
	K-161	10/13/2009
	K-162	10/13/2009
	K-167	4/20/2010
	K-168	4/20/2010
	K-169	4/20/2010
	K-169 Supp A	11/30/2009
	K-169 Supp B	11/30/2009
	K-170	4/20/2010
	K-173	4/20/2010
	K-174	10/15/2000
	K-175	4/20/2010
	K-176	4/20/2010
	K-180	4/21/2010
	K-184	4/29/2010
	K-189	4/20/2010
	K-192	10/15/2000
	K-194 Cancelled	9/26/2008
	K-196	4/20/2010
	K-198 Cancelled	9/26/2008
	K-199	4/20/2010
	K-200	10/15/2000
	K-202	10/15/2000
	K-204	10/15/2000
	K-207 Cancelled	Remove
	K-211 Cancelled	9/26/2008
	K-212	10/15/2000
	K-213	5/27/2010
	K-220	5/27/2010
	K-228	10/15/2000
	K-229	5/27/2010
	K-230	10/15/2000
	K-232	5/27/2010
	K-233	10/15/2000
	K-234	10/15/2000

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	K-235	5/27/2010
	K-236	5/27/2010
	K-239	10/15/2000
	K-241	5/27/2010
	K-242	10/15/2000
	K-244	10/15/2000
	K-245 Cancelled	10/28/2009
	K-247	10/15/2000
	K-248 Cancelled	9/26/2008
	K-249 Cancelled	Remove
	K-250	10/15/2000
	K-251	10/15/2000
	K-252	10/15/2000
	K-253	10/15/2000
	K-255	10/15/2000
	K-256 Cancelled	Remove
	K-258	10/15/2000
	K-262	10/15/2000
	K-267	10/15/2000
	K-269	10/15/2000
	K-273	10/15/2000
	K-274	10/15/2000
	K-275	10/15/2000
	K-276	10/15/2000
	K-277	10/15/2000
	K-278	11/17/2009
	K-281	10/15/2000
	K-283 Cancelled	9/26/2008
	K-286	10/15/2000
	K-287	10/15/2000
	K-288	10/15/2000
	K-289	10/15/2000
	K-295	10/15/2000
	K-296	10/15/2000
	K-298 Cancelled	9/26/2008
	K-299 Cancelled	9/26/2008
	K-301 Cancelled	Remove
	K-304	10/15/2000
	K-305	10/15/2000
	K-308	10/15/2000
	K-309	10/15/2000
	K-310 Cancelled & Replaced by E-1160	Remove
	K-317	10/15/2000
	K-319	10/15/2000
	K-320	10/15/2000
	K-321	10/15/2000
	K-322 Cancelled	Remove
	K-323	10/15/2000
	K-324	10/15/2000
	K-326	3/15/2003
	K-333	10/15/2000
	K-342	10/15/2000
	K-343	12/9/2009
	K-345 Cancelled	Remove
	K-346	10/15/2000
	K-347	10/15/2000
	K-355	10/15/2000
	K-357	10/15/2000
	K-359	10/15/2000

	K-360 Cancelled	Remove
	K-361	10/15/2000
	K-365	10/15/2000

L – SECTIONS
Metallurgical Process Control Tests

	SECTION	REV. DATE
	L Contents	9/15/1999
	L-3	5/4/2010
	L-4	5/4/2010
	L-6	5/4/2010
	L-9	5/4/2010
	L-29	5/4/2010
	L-30	5/4/2010
	L-32	5/4/2010
	L-33	5/4/2010
	L-34	5/4/2010
	L-37	5/4/2010
	L-41	5/4/2010
	L-42	5/4/2010
	L-43	5/4/2010

M – SECTIONS
Wet Chemical Tests –
Metallic Materials

	SECTION	REV. DATE
	M Contents	Remove
	M-0	4/30/2009
	M-38	4/30/2009
	M-47	4/30/2009
	M-55	4/30/2009
	M-91	4/30/2009
	M-95	4/30/2009
	M-111	4/30/2009
	M-119	4/30/2009
	M-160	4/30/2009
	M-165	4/30/2009
	M-166	4/30/2009
	M-167	5/4/2009
	M-175	5/4/2009
	M-186	5/4/2009
	M-187	5/4/2009

M-500 Series – Atomic Absorption

	SECTION	REV DATE
	M-500	5/4/2009
	M-500 Supp A	5/4/2009
	M-503	5/4/2009
	M-504	5/4/2009
	M-520	5/4/2009
	M-526	5/4/2009
	M-530	5/4/2009
	M-537 Supp A	5/4/2009
	M-558	5/4/2009

N – SECTIONS
Spectrographic Tests

	SECTION	REV. DATE
	N Contents	Remove
	N-0	11/5/2009
	N-0 Supp A	10/26/2009
	N-11	10/26/2009
	N-26	10/26/2009
	N-29	10/26/2009
	N-30	3/26/2010
	N-30 Supp A	3/26/2010
	N-35	4/6/2010
	N-36	4/6/2010
	N-37	4/6/2010
	N-51	4/6/2010
	N-56	4/6/2010
	N-60	3/30/2010
	N-60 Supp A	3/30/2010
	N-61	3/20/2010
	N-62	10/15/1989
	N-63	4/6/2010
	N-64	4/6/2010
	N-65	4/16/2010
	N-66	4/19/2010
	N-67	4/19/2010
	N-69	4/19/2010

P – SECTIONS
Chemical Process Solution Control Tests

	SECTION	REV. DATE
	P Contents	Remove
	P-0	9/1/2009
	P-1	10/16/2009
	P-2	11/1/1999
	P-4	3/30/2010
	P-6	9/30/2000
	P-14	4/21/2010
	P-17	5/4/2010
	P-20	11/1/1999
	P-21	5/18/2010
	P-23	9/30/2000
	P-30	2/15/2004
	P-32	11/1/1999
	P-33	3/15/2002
	P-41	11/1/1999
	P-48	11/1/1999
	P-55	11/1/1999
	P-59	11/1/1999
	P-60	5/15/2003
	P-62	11/1/1999
	P-66	11/1/1999
	P-67	5/15/1989
	P-78	11/1/1999
	P-79	11/1/1999
	P-82	11/1/1999

	P-83	4/6/2010
	P-83 Supp A	1/28/2010
	P-85	2/28/1981
	P-88	11/1/1999
	P-94	11/1/1999
	P-95	2/15/2004
	P-97	2/15/2004
	P-100	9/30/2000
	P-104	9/8/2009
	P-108	11/1/1999
	P-109	12/31/2000

Q – SECTIONS
Chemical Tests – Petroleum Products

	SECTION	REV. DATE
	Q Contents	Remove
	Q-0	10/20/2009
	Q-1	11/1/1999
	Q-2 Cancelled	9/25/2008
	Q-3 Canceled	9/25/2008
	Q-4 Cancelled	9/25/2008
	Q-5 Cancelled	9/25/2008
	Q-6 Cancelled	9/25/2008
	Q-8	11/3/2009
	Q-9 Cancelled	9/25/2008
	Q-12	10/22/2009
	Q-14	11/1/1999
	Q-15	11/3/2009
	Q-16 Cancelled	9/25/2008
	Q-17 Cancelled	9/25/2008
	Q-19	10/22/2009
	Q-20	11/1/1999
	Q-21	4/21/2010
	Q-27 Cancelled	9/25/2008
	Q-33	4/21/2010
	Q-36	11/1/1999
	Q-37	11/1/1999
	Q-39 Cancelled	9/25/2008
	Q-41 Cancelled	9/25/2008
	Q-42 Cancelled	9/25/2008
	Q-44 Cancelled	9/25/2008
	Q-45 Cancelled	9/25/2008
	Q-47 Cancelled	9/25/2008
	Q-52 Cancelled	9/25/2008
	Q-57 Cancelled	9/25/2008
	Q-58 Cancelled	9/25/2008
	Q-62	3/31/1979
	Q-65 Cancelled	9/25/2008
	Q-74	11/1/1999
	Q-75 Cancelled	9/25/2008
	Q-76	11/1/1999
	Q-77	5/15/2003
	Q-77 Supp A	11/1/1999
	Q-79 Cancelled	9/25/2008
	Q-80 Cancelled	9/25/2008
	Q-81	11/1/1999
	Q-82	11/1/1999
	Q-83 Cancelled	9/25/2008

	Q-84 Cancelled	9/25/2008
	Q-85	11/1/1999
	Q-86	11/1/1999
	Q-87	11/1/1999
	Q-88 Cancelled	9/25/2008
	Q-89	11/1/1999
	Q-90	7/31/2007
	Q-91 Cancelled	9/25/2008
	Q-92 Cancelled	9/25/2008
	Q-93 Cancelled	9/25/2008
	Q-94	11/1/1999
	Q-95	11/1/1999
	Q-96	11/1/1999
	Q-98 Cancelled	9/25/2008
	Q-99 Cancelled	9/25/2008
	Q-100 Cancelled	9/25/2008
	Q-101 Cancelled	9/25/2008
	Q-102	10/21/2007
	Q-103	9/8/2009

R – SECTIONS
Paint, Lacquer, Varnish and
Related Products

	<u>SECTION</u>	<u>REV. DATE</u>
	R Contents	Remove
	R-1	10/22/2009
	R-2	10/22/2009
	R-4	10/22/2009
	R-5	10/22/2009
	R-6	10/22/2009
	R-7	3/24/2010
	R-8	3/24/2010
	R-9	3/24/2010
	R-17	3/24/2010
	R-19	3/24/2010
	R-26	3/24/2010
	R-27	3/24/2010
	R-28	3/24/2010
	R-29	3/24/2010
	R-30	3/24/2010
	R-31	3/24/2010
	R-32	3/24/2010

S – SECTIONS
Solid Nonmetallic Tests

	<u>SECTION</u>	<u>REV. DATE</u>
	S Contents	Remove
	S-1	10/29/2009
	S-2	10/30/2009
	S-3	10/30/2009
	S-4	10/30/2009
	S-5	4/1/2010
	S-7	4/6/2010
	S-8	7/30/2009
	S-9	8/3/2009
	S-11	11/1/1999

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	S-12	11/1/1999
	S-14	11/1/1999
	S-17	11/1/1999
	S-18	11/1/1999
	S-20	11/1/1999
	S-21	11/1/1999
	S-22	10/15/2000
	S-23	10/15/2000
	S-24	11/1/1999
	S-25	11/1/1999
	S-26	11/1/1999
	S-27	11/1/1999
	S-28	11/1/1999
	S-29	11/1/1999
	S-31	11/1/1999
	S-33	11/1/1999
	S-34	11/1/1999
	S-38	10/15/2000
	S-39	11/1/1999
	S-40	11/1/1999
	S-41	11/1/1999
	S-42	11/1/1999
	S-43	11/1/1999
	S-44	11/1/1999
	S-45	11/1/1999
	S-46	11/1/1999
	S-47	11/1/1999
	S-48	11/1/1999
	S-49	11/1/1999
	S-50	11/1/1999
	S-51	11/1/1999
	S-52	11/1/1999
	S-54	11/1/1999
	S-55	11/1/1999
	S-56	11/1/1999
	S-58	11/1/1999
	S-59	11/1/1999
	S-64	11/1/1999
	S-67	11/1/1999
	S-68	12/31/2007
	S-69	11/1/1999
	S-70	11/1/1999
	S-71	11/1/1999
	S-72	11/1/1999
	S-73	11/1/1999
	S-74	11/1/1999
	S-75	11/1/1999
	S-76	11/1/1999
	S-77	11/1/1999
	S-78	11/1/1999
	S-79	11/1/1999
	S-81	4/19/2010
	S-83	12/31/2007
	S-85	11/1/1999
	S-86	11/1/1999
	S-87	11/1/1999
	S-88	11/1/1999
	S-89	11/1/1999
	S-90	11/1/1999
	S-93	11/1/1999

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	S-95	11/1/1999
	S-97	11/1/1999
	S-98	11/1/1999
	S-99	11/1/1999
	S-100	11/1/1999
	S-101	11/1/1999
	S-102	11/1/1999
	S-103	11/1/1999
	S-104	11/1/1999
	S-106	11/1/1999
	S-107	11/1/1999
	S-108	11/1/1999
	S-109	11/1/1999
	S-110	9/30/2004
	S-111	9/30/2004
	S-112	11/1/1999
	S-113	11/1/1999
	S-114	9/21/2009
	S-115	11/1/1999
	S-116	11/1/1999
	S-117	11/1/1999
	S-118	11/1/1999
	S-119	11/1/1999
	S-120	11/1/1999
	S-123	11/1/1999
	S-124	11/1/1999
	S-125	11/1/1999
	S-126	11/1/1999
	S-127	11/1/1999
	S-128	11/1/1999
	S-129	11/1/1999
	S-130	11/1/1999
	S-133	11/1/1999
	S-134	11/1/1999
	S-135	11/1/1999
	S-136	11/1/1999
	S-137	11/1/1999
	S-138	11/1/1999
	S-139	11/1/1999
	S-140	11/15/2003
	S-141	10/31/2004
	S-142	2/15/2004
	S-143	4/15/2005
	S-144	3/12/2009

U – SECTIONS
Contamination Tests

	SECTION	REV. DATE
	U Contents	Remove
	U-2	11/4/2009
	U-2 Supp A	11/1/1999
	U-5	11/2/2009
	U-6	10/31/1999
	U-7	10/31/1999
	U-10	11/1/1999

V – SECTIONS

Metrology

	SECTION	REV. DATE
	V Contents	Remove
#	V-0	1/29/2010
#	V-0 Supp A	2/20/2010
#	V-0 Supp B	11/3/2009
#	V-0 Supp C	1/19/2010
#	V-0 Supp D Cancelled	1/18/2010
#	V-0 Supp E	1/20/2010
#	V-0 Supp F	1/29/2010
#	V-0 Supp G Cancelled	10/28/2009
#	V-0 Supp I	1/20/2010
	V-3	1/5/2010
	V-4	1/18/2010
	V-5	1/20/2010
	V-6	1/8/2010
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	V-8	1/11/2010
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	V-19 Cancelled	11/19/2009
	V-19 Supp A Cancelled	11/17/2009
	V-19 Supp B Cancelled	11/17/2009
	V-19 Supp C Cancelled	11/17/2009
	V-19 Supp D Cancelled	11/17/2009
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	V-21 Cancelled	12/3/2009
	V-22	1/12/2010
	V-23 Cancelled	11/19/2009
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	V-36 Cancelled	11/19/2009
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#	V-42 Cancelled	Remove
	V-44 Cancelled	12/3/2009
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	V-50 Cancelled	11/19/2009
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	V-59 Cancelled	12/3/2009
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	V-76 Cancelled	1/7/2010
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	V-93 Cancelled	Remove
	V-94 Cancelled	Remove
	V-95 Cancelled	Remove
	V-96 Cancelled	Remove
	V-97 Cancelled	Remove
	V-98 Cancelled	Remove
	V-99 Cancelled	Remove
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	V-102 Cancelled	Remove
	V-103 Cancelled	1/13/2010
	V-104 Cancelled	1/14/2010
	V-105 Cancelled	1/7/2010
	V-106 Cancelled	Remove
	V-108 Cancelled	1/13/2010
	V-109 Cancelled	Remove
	V-110	1/20/2010
	V-111 Cancelled	Remove
	V-112 Cancelled	Remove
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	V-116	5/4/2010
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	V-119 Cancelled	Remove
	V-120 Cancelled	Remove
	V-121 Cancelled	Remove
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	V-123 Cancelled	Remove
	V-125 Cancelled	Remove
	V-130 Cancelled	Remove
	V-131 Cancelled	Remove
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	V-138 Cancelled	1/5/2010
	V-139 Cancelled	11/20/2009
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	V-141 Cancelled	11/20/2009
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	V-32106 New issue	3/23/2010
	V-32108 New issue	3/17/2010

X – SECTIONS
Q&SL Core Nondestructive Test (NDT)
Operating Procedure

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	X-106	12/22/2008
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* Revised Since Previous Edition of 7/21/2010
+ Added Since Previous Edition of 7/21/2010
Revision Date 8/2010

PWA Method, Qualification, and Quality Assurance Specifications

Aerospace Supplier Quality Requirements		
ASQR-01 Rev 6	ASQR-02 New	ASQR-07.5 New
ASQR-08.2 Rev 1 Canceled	ASQR-09.1 Rev 5	ASQR-13.1 Rev 2 Canceled
ASQR-15.1 Rev 1	ASQR-20.1 Rev 4	UTCQR-09.1 Rev 3

Qualification		
	ASQ-F	ATTO-E
BOIQ-C	BSQ-5 Revised 10/06/2009	ECQ-E
EIQ-F	FPQ-H	GRQ-C
HIQ-A	MPQ-G	MSTQ-C
NDTQ-N Revised 10/27/2009	SIQ-F	SOIQ-B
XRCQ-A	XRQ-E	XRWQ-B

Quality Assurance	
PW-QA-6071T	
PW-QA-6076AD	Cancelled Ref. ASQR-01
PW-QA-6077K	Cancelled Ref. ASQR-01
PW-QA-6078AD	
Appendix A Rev. 11 (Howmet)	
Appendix B Rev. 9 (PCC)	
PW-QA-6084AB	Cancelled Ref. ASQR 20.1
Appendix A	Cancelled Ref. ASQR 20.1
PW-QA-6087J	Cancelled Ref. PW-QA-6076
PW-QA-6088AA	
Appendix A Rev. 2	
PW-QA-6096 Rev. 6	
PW-QA-6097	
PW-QA-6099B	Cancelled Ref. UTCQR 09.1
PW-QA-7000B	Cancelled

Methods			
Specifications marked # are not authorized for foreign distribution.			
ACDM-301	Cancelled	FTM-204 Chg. 4	Cancelled
ADIM #		GIM-206 (A)	Cancelled
ARTM (B) #		GSDM	
ATTM Master (D)		GSDM Supp.	
ATTM Master Supp (C)		HCM-1 (G)	Cancelled-Refer to PWA-QA-6071
ATTM Code 6 (B)	Cancelled-Refer to ATTM Master	HIM-1 (R)	
ATTM Code 8 (C)	Cancelled-Refer to ATTM Master	HIM-2 (C)	
ATTM Code 9 (B)	Cancelled-Refer to ATTM Master	HIM-3 (G)	
ATTM-1 (H)	Cancelled-Refer to ATTM Master	HTM-1 (B)	
ATTM-2 (L)	Cancelled-Refer to ATTM Master	HTM-2 (B)	
ATTM-3 (H)	Cancelled-Refer to ATTM Master	HTM-3 (C) #	
ATTM-6 (H)	Cancelled-Refer to ATTM Master	HTM-4 (A)	Cancelled-Refer to HTM-3
ATTM-8 (D)	Cancelled-Refer to ATTM Master	IRM-1	
ATTM-9 (C)	Cancelled-Refer to ATTM Master	LTM-1 (A)	Cancelled
ATTM-10 (A)	Cancelled-Refer to ATTM Master	MPM (H)	
ATTM-201 (D)	Cancelled	MPM Supp. (A)	Cancelled-Refer to MPM
BPTM-1		MSTM-1 (B)	Cancelled-Refer to PTM-3
BRM-1 (A)	Cancelled	NRM Master (A)	
BRM-2 (A)	Cancelled	PCM-M	
BRM-3 (A)		PCM (A)	Cancelled
BTM-1 (D)		PTFM-201 (A)	Cancelled
BTM-2 (E)		PTFM-202 (A)	Cancelled
BTM-3 (B)		PTM Master (G)	
BTM-4 (H)	Revised 02/26/2009	PTM Code A (A)	
BTM-6 (B)	Cancelled	PTM Code B (A)	
BTM-7 (D)		PTM Code C (C)	
BTM-7 Code A (A)	Cancelled-Refer to BTM-7	PTM Code D (A)	
BTM-7 Code B (A)	Cancelled-Refer to BTM-7	PTM Code E (A)	
BTM-7 Code C (A)	Cancelled-Refer to BTM-7	PTM Code F	
BTM-7 Code D (A)	Cancelled-Refer to BTM-7	PTM-1 (M)	Cancelled-Refer to PTM Master
BTM-8 (B)	Cancelled-Refer to BTM-4	PTM-2 (H)	Cancelled-Refer to PTM Master
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BTM-11 (H)		PTM-22	
BTM-12 (B)	Cancelled	PTM-201 (F)	
BTM-13 (G)		RAM-2 (A)	Cancelled-Refer to MCL Manual Section F-38
BTM-14 (B)		SIM-1 (L)	
BTM-15 (B)		SIM-2 (K)	
BTM-16		SIM-3 (C)	
CDM-1 (D)	Cancelled	SIM-3 App. A (C)	
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CDM-3 (C)		SIM-4 Code A (A)	
CDM-4 (D)	Revised 12/10/2009	SIM-5 (A)	Cancelled-Refer to TDM-7
CTM-Master (C)	Revised 10/21/2009	SIM-6 (A)	Cancelled-Refer to SIM-1 Code J
CVM-1 Master (A) #		SIM-7 (A)	Cancelled-Refer to BTM-6
CVM-1 Code 1 (A) #		SIM-8 (A)	Cancelled-Refer to BTM-1
CVM-2 (E) #		SIM-11 (D)	
CVM-3 #		SIM-12	
DCM-2 (B)		SIM-13 (A)	
DCM-5 (A)		SIM-14	
DCM-8		SIM-15	
DCM-8-2 (C)		SIM-301 (B)	Cancelled
DCS-8-2 (B)	Cancelled-Refer to DCM-8-2	SIM-304 (A)	Cancelled
DCS-64 (B)	Cancelled-Refer to DCM-2	SIM-305 (A)	Cancelled

MTU Specifications (Motoren-und Turbinen-Union)
(MTU REVISIONS ARE BASED BY DATE)

Definitions:
 "BEIBLATT" - is a supplement or attachment
 "TEIL" - is a subsection. When a TEIL is updated "TEIL 1" is replaced with "-1"

SOURCE FOR "DIN" or GLOBAL INDUSTRY STDS SPECIFICATIONS CONTACT:
 GLOBAL ENGINEERING DOCUMENTS
 1990M STREET
 N.W. SUITE 400
 WASHINGTON, DC 20036
 PHONE: 1-800-854-7179

	MISCELLANEOUS	REVISION DATE
	ANNEX A REVISED	05/2009
	APM1-1	07/2008
	APM1-1 BEIBLATT 1	04/2002
	APM1 BEIBLATT 2	06/2001
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	APM1-5	07/2007
	MM02 SUPERSEDED BY MM02M	04/2009
	MM02 BEIBLATT 1 (11/2008 ISSUE) SUPERSEDED BY MM02M-01	03/2009
	MM02 BEIBLATT 2 SUPERSEDED BY MM02M-02	06/2009
	MM02 BEIBLATT 2 ANNEX D	02/2009
	MM02 BEIBLATT 3 SUPERSEDED BY MM02M-03	06/2009
	MM02 BEIBLATT 4 (03/2004 ISSUE) RESCINDED	11/2004
	MM02 BEIBLATT 5 SUPERSEDED BY MM02M-05	06/2009
	MM02-06 SUPERSEDES BEIBLATT 6 (05/2008 ISSUE)	10/2009
	MM02-06 APPENDIX B	10/2009
	MM02 BEIBLATT 7 SUPERSEDED BY MM02M-7	04/2009
	MM02M-01 REVISED	06/2009
	MM02M-01 NEW ISSUE 3/2009 & REVISED 8/2009	08/2009
	MM02M-02 NEW	07/2009
	MM02M-02 APPENDIX D	10/2009
	MM02M-03 NEW	06/2009
	MM02M-05 SUPERSEDES MM02 BEIBLATT 5	06/2009
	MRST107	03/1992
	MTUM-N92EV1-0050	12/1992

	MTC - CHEMICAL SOLUTIONS	REVISION DATE
	MTC5	02/2005
	MTC8	08/1987
	MTC111	11/2004
	MTC127	05/1985
	MTC149	05/2009
	MTC155	05/1996
	MTC175	11/2009
	MTC217	03/1992
	MTC219	04/2001
	MTC231	09/1984
	MTC233	11/1999
	MTC235	08/1991
	MTC261	03/1983
	MTC263	06/2003
	MTC281	03/1983
	MTC284	01/2004
	MTC315	02/1994

MTC316	02/1994
MTC461	11/1999
MTC475	12/1989
MTC718	05/1991

	MTG - HARARDOUS MATERIALS DATA SHEET	REVISION DATE
	MTG1313	12/1981
	MTG1315	12/1981

	MTH - AUXILIARY MATERIALS	REVISION DATE
	MTH108	12/2007
	MTH109	12/2004
	MTH110	02/2001
	MTH133	07/2003
	MTH168	08/1985
	MTH169	09/1994
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	MTH190	06/2003
	MTH219	04/2001
	MTH220	02/2009
	MTH236	05/1994
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	MTH250	06/2008
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	MTH252	05/1993
	MTH311	04/2005
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	MTH313	04/2005
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	MTH346	10/2000
	MTH370	11/2001
	MTH451	08/2000
	MTH452	01/2001
	MTH497	06/1996
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	MTH505	06/1996
	MTH511	12/2006
	MTH522	10/2009
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	MTH590	07/2003
	MTH593	05/2000
	MTH627	09/1995
	MTH628	12/2004
	MTH631	09/2009
	MTH655	12/2004
	MTH697	05/2010
	MTH703	12/2004
	MTH712	04/2003
	MTH788	10/2009

	MTL - PROCUREMENT	REVISION DATE
	MTL101 COMPLETELY REVISED	02/2007
	" AMENDMENT	05/2004
	MTL109	05/1980
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	MTL115 SUPERSEDED BY MTL115-1, -2, -3	02/2005
	MTL115-1	12/1999
	MTL115-2	12/1999
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	MTL118-3	10/2004
	MTL119	07/2005
	MTL119 BEIBLATT 1	04/2002
	MTL120	04/2005
	MTL120-1	09/2008
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	MTL120-3 AMENDMENT	03/2010
	MTL122	11/1981
	MTL122-1	02/1997
	MTL122-2	02/1997
	MTL122-3 AMND	11/2004
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	MTL125	09/1991
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	MTL125 TEIL 3	11/1995
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	MTL138 TEIL 1	08/1994

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MTL138 TEIL 3	08/1994
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MTL138 TEIL 5	08/1994
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MTL156-2 SUPERSEDED BY MTL156	07/2006
MTL156-3 SUPERSEDED BY MTL156	07/2006
MTL161-3	02/2005

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MTN68	03/1986
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MTN75	11/1987
MTN78 REVISED	04/2009
MTN93	04/2008
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MTN110	03/1995
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MTN120	02/1994
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MTN129	03/2000
MTN178-8	03/1997
MTN180	04/1985
MTN199	10/1984
MTN1000	04/1992
MTN1079-1 WITHDRAWN - NO REPLACEMENT	11/2005
MTN1208	11/2005
MTN10531-1	02/1997
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MTN94111	07/2008
MTN94111 BEIBLATT 1	04/2009
MTN94111 BEIBLATT 2 SUPERSEDED BY MTN94111 BEIBLATT 6	09/2008
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MTN94111 BEIBLATT 6	08/2008
MTN94111 BEIBLATT 7	03/2000
MTN94112	03/1999

MTP - INSPECTION	REVISION DATE
MTP2	02/2000
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MTP3	08/1993
MTP3 SUPL 1	11/1980
MTP11	06/2005
MTP11 BEIBLATT 1 SUPERSEDED BY MTP11	09/2005
MTP12 SUPERSEDED BY MTP288-1 & -2	11/2006
MTP13 TEIL 1	09/1994
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MTP34 TEIL 1	04/1991
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MTP34-4	09/2002
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MTP57 BEIBLATT 1-4	09/1987
MTP58 BEIBLATT 1-4	06/1988
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MTP86-1	02/2008
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MTP98-1	05/2006
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MTP101	07/1995
MPT107 TEIL 6	04/1991
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MTP148 BLTA 1 TEIL 1	04/1992
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MTP198 SUPERSEDED BY MTP198-1 & -2	05/2006
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MTP246-1	05/2008

MTP252	12/2003
MTP288-1	11/2006
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MTP10005	11/1980
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MTP10164	01/1985
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MTP10460PR	07/1983
MTP10463	08/1983
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MTP10756	12/1992
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MTP10811	09/2006
MTP10822	05/1988
MTP10905	07/1989
MTP10906	01/1989
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MTP11224	10/1990
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MTP11228	04/2003
MTP11236	09/2002
MTP11239	08/2002
MTP11329	12/1996
MTP11330	05/1991
MTP11332	10/1991
MTP11335	01/1996
MTP11353	08/1992
MTP11365	07/1994
MTP11367	09/1993
MTP11368	11/1992
MTP11369	07/1994
MTP11370	07/1994
MTP11371	07/1994
MTP11372	11/1992

MTP11373	06/1996
MTP11382	10/1991
MTP11388	07/1991
MTP11391	07/1991
MTP11400	09/1994
MTP11426	08/1997
MTP11434	01/1994
MTP11435	05/1992
MTP11436	04/1993
MTP11470	01/1994
MTP11472	04/1995
MTP11473	03/1996
MTP11474	03/1994
MTP11475	03/2007
MTP11482	04/2007
MTP11488	08/1993
MTP11489	11/2006
MTP11491	05/1996
MTP11492	05/1996
MTP11493	04/1994
MTP11494	02/1994
MTP11530	08/1993
MTP11540	05/1994
MTP11558	12/1996
MTP11562	04/1994
MTP11563	04/1994
MTP11578	03/2009
MTP11586	11/2008
MTP11588	10/2009
MTP11624	02/1995
MTP11625 SUPERSEDES 07/2002 ISSUE	04/2009
MTP11631	11/2001
MTP11632	07/2002
MTP11638	03/1995
MTP11642	04/2001
MTP11643	08/2209
MTP11644	03/2004
MTP11654	03/1995
MTP11656	02/1995
MTP11657	02/1995
MTP11659	01/1995
MTP11664	01/1995
MTP11665	01/1995
MTP11666	10/1997
MTP11670	08/1995
MTP11695	10/2007
MTP11724	04/1996
MTP11727	03/2006
MTP11729	02/1996
MTP11733	10/1996
MTP11735	08/1996
MTP11736	07/1997
MTP11746	10/2003
MTP11751	10/1996
MTP11755	03/1997
MTP11765	04/2006
MTP11766	04/2006
MTP11768	11/1997
MTP11784	10/1997
MTP11787	03/1998
MTP11831	04/2001
MTP11835	03/2005
MTP11838	08/2004
MTP11849	09/2003
MTP11877	10/2007
MTP11965	04/2001
MTP11978	04/2001
MTP12102	09/2006
MTP12179	02/2004
MTP12180	01/2007
MTP12181	09/2003
MTP12185	07/2004
MTP12186	10/2006
MTP12207	08/2003
MTP12237	08/2008
MTP12238	08/2008
MTP12239	07/2009
MTP12306	05/2005
MTP12339	10/2004
MTP12346	07/2005
MTP12347	07/2005
MTP12348	07/2005
MTP12440	08/2007

MTQ - QUALITY ASSURANCE STANDARDS	REVISION DATE
MTQ1-1 SUPERSEDED BY MTT130	01/2002

MTQ1-2	11/1995
MTQ1-3 SUPERSEDED BY MTT130	01/2002
MTQ1 TEIL 4	10/1989
MTQ2 BEIBLATT 2 TEIL 1 CANCELLED	02/1985
MTQ2-1 SUPERSEDED BY MTT2-1	12/2007
MTQ2-1 BEIBLATT 1 SUPERSEDED BY MTT2-1BEIBLATT I	12/2007
MTQ2-2 SUPERSEDED BY MTT2-2	04/2009
MTQ2-2 BEIBLATT 1 SUPERSEDED BY MTT2-2 BEIBLATT 1	07/2009
MTQ2-2 BEIBLATT 2 TEIL 1	02/1985
MTQ2-3	02/2004
MTQ2 TEIL 4	11/1992
MTQ2 TEIL 5	04/1992
MTQ2-6	04/2004
MTQ2-7	03/1996
MTQ2 TEIL 8	02/1993
MTQ3	10/1985
MTQ5	11/1997
MTQ5 BEIBLATT 1 SUPERSEDED BY MTT305-3	09/2005
MTQ5 BEIBLATT 2	03/1999
MTQ6 CANCELLED	08/1987
MTQ6-1 SUPERSEDED BY MTT306-2 & -4	10/2006
MTQ6 TEIL 2	11/1992
MTQ7	05/1997
MTQ8 CANCELLED	06/1981
MTQ8 SUPP 1 CANCELLED	06/1981
MTQ8-1	11/1996
MTQ8-1 BEIBLATT 1	02/1996
MTQ8 TEIL 2	07/1991
MTQ9	10/1996
MTQ15	04/1990
MTQ16	11/1989
MTQ25 CANCELLED	05/1980
MTQ26	12/1995
MTQ27	02/2004
MTQ28	02/1994
MTQ28 BEIBLATT 1	11/1999
MTQ28 BEIBLATT 2	11/1999
MTQ29	01/2003
MTQ30	02/2001
MTQ31	04/1986
MTQ32	08/1985
MTQ34	07/1981
MTQ34 BEIBLATT 1	12/1986
MTQ36-1	08/1979
MTQ36-2	05/1990
MTQ36-4 SUPERSEDED BY MTT306-2	10/2006
WITHDRAWN	01/2006
MTQ36-5 WITHDRAWN	10/1979
MTQ37 WITHDRAWN	07/1990
MTQ37 BEIBLATT 1	08/1990
MTQ38 TEIL 1	11/1990
MTQ38 TEIL 2	09/1985
MTQ39 SUPERSEDED BY MTT32-1	04/2004
MTQ40 CANCELLED	05/1984
MTQ41 CANCELLED	10/1979
MTQ41-1	07/1996
MTQ42	01/2005
MTQ42 BEIBLATT 1	03/1982
MTQ45	05/1997
MTQ46	03/1996
MTQ48	07/1994
MTQ49	12/1998
MTQ49-3	09/2004
MTQ50 TEIL 1	05/1991
MTQ52 CANCELLED	05/1986
MTQ53-1 WITHDRAWN	10/1994
MTQ54 WITHDRAWN	07/1984
MTQ55 CANCELLED	11/1980
MTQ56	06/1990
MTQ57	07/1991
MTQ58 SUPERSEDED BY MTT358	03/2007
MTQ58 TEIL 1 CANCELLED	08/1992
MTQ59 WITHDRAWN	07/1982
MTQ61 CANCELLED	02/1984
MTQ62 SUPERSEDED BY MTT362	03/2005
MTQ63	07/1986
MTQ64 SUPERSEDED BY MTT164	11/2006
MTQ65	11/1990
MTQ66-1 SUPERSEDED BY MTT366-2	11/2006
MTQ66 TEIL 2	05/1984
MTQ66-3	08/1999
MTQ66-4	11/1998
MTQ66-5	11/1997
MTQ67 CANCELLED	07/1988
MTQ67 TEIL 1 WITHDRAWN	03/1993
MTQ67 BEIBLATT 1 TEIL 1 WITHDRAWN	10/1993
MTQ67-2 WITHDRAWN	02/1995

MTQ68 WITHDRAWN	03/1982
MTQ69	07/1996
MTQ70 WITHDRAWN	12/1996
MTQ71 TEIL 1	06/1991
MTQ71-1 BEIBLATT 1	08/2001
MTQ71 TEIL 3 CANCELLED	08/1990
MTQ72 CANCELLED	02/1989
MTQ72-1 SUPERSEDED BY PROCESS DATA SHEET IPM 07 04 05-01	06/2004
MTQ72-2	11/1990
MTQ72-3	12/1992
MTQ73-1	03/1995
MTQ73-1 BEIBLATT 1	11/1994
MTQ73 TEIL 2	02/1991
MTQ73-2 BEIBLATT 1	03/1995
MTQ73-3	03/1995
MTQ73-4	08/1995
MTQ73-5	09/1996
MTQ74 WITHDRAWN	02/1986
MTQ75 WITHDRAWN	07/1985
MTQ76 PRELIMINARY	08/1983
MTQ76 TEIL 1	08/1985
MTQ76 TEIL 2	03/1985
MTQ76 TEIL 3	02/1985
MTQ80	11/1997
MTQ80 TEIL 1 CANCELLED	05/1990
MTQ85	02/1996
MTQ85 BEIBLATT 1	12/2004
MTQ87	03/1988
MTQ91 WITHDRAWN	02/1994
MTQ91 BEIBLATT 1 WITHDRAWN	01/1994
MTQ91 BEIBLATT 2 WITHDRAWN	07/1990
MTQ92 WITHDRAWN	06/1990
MTQ93-1 WITHDRAWN	01/1996
MTQ93-2 WITHDRAWN	07/1995
MTQ93 TEIL 3 WITHDRAWN	11/1994
MTQ93-7 WITHDRAWN	05/1996
MTQ93-8 WITHDRAWN	01/1997
MTQ97 SUPERSEDED BY MTQ49-3	12/1998
MTQ98 SUPERSEDED BY MTQ71-1	05/1998
MTQ99 WITHDRAWN	07/1994
MTQ100	12/1995
MTQ103 SUPERSEDED BY MTT403	11/2004
MTQ104	02/1996
MTQ105	11/1999
MTQ106	04/1998
MTQ108 SUPERSEDED BY MTT255	05/2005
MTQ109	02/1998
MTQ111	02/1997
MTQ115	01/1998
MTQ130	07/2002
MTQ131	05/2000
MTQ135 SUPERSEDED BY MTT435	09/2004
MTQ500-0 SUPERSEDED BY MANUAL MM 02	12/2003
MTQ500-0 BEIBLATT 1 SUPERSEDED BY MANUAL MM 02	12/2003
MTQ500-1 SUPERSEDED BY MANUAL MM 02	12/2003
MTQ500-2 SUPERSEDED BY MANUAL MM 02	12/2003
MTQ500-2 BEIBLATT 1 SUPERSEDED BY MANUAL MM 02	12/2003
MTQ500-3 SUPERSEDED BY MANUAL MM 02	12/2003
MTQ500-4 SUPERSEDED BY MANUAL MM 02	12/2003
MTQ500-5 SUPERSEDED BY MTT450-1	11/2003
MTQ500-6 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-7 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-8 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-9 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-10 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-11 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-12 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-13 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-14 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-15 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-16 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-17 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-18 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-19 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-20 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-21 SUPERSEDED BY MANAGEMENT MANUAL MM 02	12/2003
MTQ500-21 BEIBLATT 1 SUPERSEDED BY MTQ500-24 BEIBEIBLATT 2	12/1997
MTQ500-23 SUPERSEDED BY THE BEIBEIBLATT 1 ZU MM 02	02/2004
MTQ500-23 BEIBLATT 1	02/2004
MTQ500-23 BEIBLATT 2 SUPERSEDED BY MTQ500-2 BEIBEIBLATT 1	02/2001
MTQ500-23 BEIBLATT 3 SUPERSEDED BY MTQ500-2 BEIBEIBLATT 1	02/2004
MTQ500-23 BEIBLATT 4 SUPERSEDED BY MTQ500-2 BEIBEIBLATT 1	02/2004
MTQ500-24	06/2003
MTQ500-24 BEIBLATT 1	09/2003
MTQ500-24 BEIBLATT 2 SUPERSEDED BY MTQ500-2 BEIBEIBLATT 1	01/2001
MTQ500-24 BEIBLATT 3	09/2003
MTQ500-25	10/2003

MTQ500-26	11/2000
MTQ500-27 SUPERSEDED BY MM 02 BEIBEIBLATTT 2	07/2004
MTQ500-27 BEIBLATT 1 SUPERSEDED BY MM 02 BEIBEIBLATTT 2	07/2004
MTQ500-27 BEIBLATT 2 SUPERSEDED BY MM 02 BEIBEIBLATTT 2	07/2004
MTQ500-28 SUPERSEDED BY MM 02 BEIBEIBLATTT 3	07/2004
MTQ3030 WITHDRAWN - NO REPLACEMENT	11/1999

MTS - MATERIALS	REVISION DATE
MTS1001 TEIL 1	05/1984
MTS1001-2	10/2009
MTS1002-1	05/2005
MTS1003 WITHDRAWN	06/1994
MTS1004-1 WITHDRAWN	05/1998
MTS1004-2 WITHDRAWN	05/1998
MTS1004 TEIL 3 WITHDRAWN	06/1994
MTS1005 WITHDRAWN	06/1994
MTS1006-3	12/1998
MTS1006-4	02/2001
MTS1007 TEIL 1	03/1992
MTS1007-2	05/1998
MTS1007-3	12/1998
MTS1007-4	05/1998
MTS1008	04/2008
MTS1018 WITHDRAWAL NOTIFICATION - NO REPLACEMENT	04/1998
MTS1019-1	07/1997
MTS1020-1	05/1998
MTS1021-1	07/2000
MTS1024 TEIL 1 WITHDRAWAL NOTIFICATION - NO REPLACEMENT	06/1994
MTS1024 TEIL 2 WITHDRAWAL NOTIFICATION	02/1996
MTS1025 TEIL 1 WITHDRAWAL NOTIFICATION	02/1996
MTS1041 TEIL 1	01/1996
MTS1042-1 GERMAN	04/1999
MTS1042-2 GERMAN	04/1999
MTS1043-1 GERMAN	09/1996
MTS1043-2 GERMAN	02/1997
MTS1044 TEIL 1 WITHDRAWAL NOTIFICATION	06/1994
MTS1046-1	12/1999
MTS1059	01/2007
MTS1061	12/2005
MTS1061 BEIBLATT 1 SUPERSEDED BY MTS1061	02/2006
MTS1070	02/2007
MTS1070 BEIBLATT 1 SUPERSEDED BY MTS1070	10/1996
MTS1077	03/2007
MTS1077 BEIBLATT 1 SUPERSEDED BY MTS1077	03/2007
MTS1080	03/2007
MTS1080 BEIBLATT 1 SUPERSEDED BY MTS1080	03/2007
MTS1083 TEIL 1	06/1989
MTS1084 TEIL 1	09/1995
MTS1086 -1	06/2009
MTS1087 TEIL 1	05/1993
MTS1094-1	04/2008
MTS1094-1 BEIBLATT 1	11/1992
MTS1094-2	10/2008
MTS1096-1	07/2000
MTS1098-1	06/2002
MTS1099-1	09/2003
MTS1099 TEIL 2	06/1994
MTS1100-1	04/2007
MTS1101-1	04/2002
MTS1101-2	04/2002
MTS1101-3 GERMAN ONLY	04/2002
MTS1101-4 GERMAN ONLY	04/2002
MTS1101-5	09/2003
MTS1101-6 GERMAN ONLY	04/2002
MTS1101-7 GERMAN ONLY	04/2002
MTS1103-1	07/2007
MTS1103-2	07/2000
MTS1103-	07/2000
MTS1103- 4	10/2000
MTS1103 BEIBLATT 1 TEIL 3	04/1994
MTS1113	02/2008
MTS1125	06/2007
MTS1125 BEIBLATT 1 SUPERSEDED BY MTS1125	06/2007
MTS1150-1	06/1997
MTS1150 TEIL 2	05/1995
MTS1150 TEIL 3	07/1995
MTS1150 TEIL 4	05/1995
MTS1150 TEIL 5	12/1987
MTS1152	06/1981
MTS1155-1	09/1999
MTS1159 TEIL 1 WITHDRAWAL NOTIFICATION	02/1996
MTS1160-1	07/1998
MTS1165	10/2005
MTS1169 TEIL 1 WITHDRAWAL NOTIFICATION	06/1994
MTS1176-1	11/2004
MTS1176-2	11/2004

MTS1183-1	01/2003
MTS1184 TEIL 1 WITHDRAWAL NOTIFICATION	06/1994
MTS1187 TEIL 1	05/1995
MTS1187 TEIL 2	05/1995
MTS1187 TEIL 3	05/1995
MTS1187 TEIL 4	10/1983
MTS1187 TEIL 5	05/1995
MTS1189-1	11/2008
MTS1190 TEIL 1	06/1994
MTS1190 TEIL 2	06/1994
MTS1190 TEIL 3	06/1994
MTS1199 TEIL 1 WITHDRAWAL NOTIFICATION	02/1996
MTS1201	11/1985
MTS1202 TEIL 1	06/1994
MTS1202 TEIL 2	06/1994
MTS1202 TEIL 3	06/1994
MTS1204 TEIL 3	07/1994
MTS1206-1 REVISED	09/2009
MTS1210	11/2008
MTS1213-2	09/2004
MTS1213-3	09/2004
MTS1213-4 GERMAN	10/2004
MTS1221 SUPERSEDED BY MTS1070	07/2001
MTS1221 BEIBLATT 1 WITHDRAWN - NO REPLACEMENT	07/2001
MTS1221 BEIBLATT 2 WITHDRAWN - NO REPLACEMENT	07/2001
MTS1228	10/1996
MTS1228 BEIBLATT 1	10/1985
MTS1230 TEIL 1 WITHDRAWAL NOTIFICATION	02/1996
MTS1234	03/2006
MTS1235	08/2006
MTS1238 TEIL 1	05/1994
MTS1239 TEIL 1	04/1994
MTS1246 TEIL 1	11/1995
MTS1252 REVISED	05/2009
MTS1263-1	12/2004
MTS1267-1	09/2006
MTS1267-2	09/2006
MTS1267-3	09/2006
MTS1267-4	02/2008
MTS1267-5	09/2006
MTS1279 TEIL 1	11/1988
MTS1279 TEIL 2	11/1988
MTS1279 TEIL 3	11/1988
MTS1279 TEIL 5	11/1988
MTS1280	04/1998
MTS1281-1	02/2005
MTS1285 TEIL 1 WITHDRAWAL NOTIFICATION	07/1995
MTS1288-1 GERMAN	04/1997
MTS1295 TEIL 1	04/1987
MTS1295 TEIL 2	04/1987
MTS1301 TEIL 1	05/1988
MTS1301 BEIBLATT 1 TEIL 1	12/1987
MTS1323-1	10/2004
MTS1327-1	03/2005
MTS1327-2	03/2005
MTS1327-3	03/2005
MTS1328-1	05/2006
MTS1340-1	04/2006
MTS1348-1	09/1996
MTS1356 TEIL 2	03/1990
MTS1357- 1	08/2007
MTS1357- 2	08/2007
MTS1359-1 GERMAN	09/1999
MTS1360-2 SUPERSEDED BY MTS1410-2	10/2007
MTS1364-1	12/2008
MTS1364-2	04/2002
MTS1371-2	03/2004
MTS1373-1	04/2008
MTS1373-2	10/2008 English
MTS1377-1	12/99 English
MTS1378 TEIL 1	07/1995
MTS1378 TEIL 2	05/1995
MTS1378 TEIL 3	07/1995
MTS1378 TEIL 4	05/1995
MTS1379 TEIL 1	05/1993
MTS1383-1	07/2002
MTS1383-2	07/2002
MTS1385-1	12/2004
MTS1385 BEIBLATT 1 TEIL 1	04/1995
MTS1387-1	07/1997
MTS1387-2	07/1997
MTS1388 TEIL 1	10/1993
MTS1389-1	07/2005
MTS1389-2	07/2005
MTS1391 TEIL 1	10/1993
MTS1392 TEIL 1	02/1994
MTS1393 TEIL 1	04/1994

MTS1394-1	04/1996
MTS1394-2	04/1996
MTS1398 TEIL 1	05/1995
MTS1398-2	04/1996
MTS1401 TEIL 1	09/1995
MTS1401 TEIL 2	09/1995
MTS1403 TEIL 1	12/1995
MTS1405-1	04/1996
MTS1406-1	08/2002
MTS1406-2	08/2002
MTS1406-3	04/1996
MTS1406-4	04/1996
MTS1407-1	04/1996
MTS1407-2	08/2002
MTS1424-1	09/2004
MTS1424-2	09/2004
MTS1424-3	09/2004
MTS1424-4	09/2004
MTS1424-5	09/2004
MTS1426-1	04/2000
MTS1435-1	03/2001
MTS1436-1	02/2008
MTS1436-2	11/2007
MTS1441-1	04/2008
MTS1441-2	10/2008
MTS1452	11/2006
MTS1470	10/2001
MTS1492	11/2006
MTS1548-1	09/2006
MTS1599	02/2009

MTT	REVISION DATE
MTT2-1	03/2009
MTT2-1 BLATT 1	02/2010
MTT 98 SUPERSEDED BY MTT164	11/2006
MTT128	01/2006
MTT 164 GERMAN ONLY	03/2009
MTT 185-1 BEIBLATT 1 WITHDRAWN & NOT REPLACED	11/2006
MTT305-3	09/2005
MTT366-2	11/2009
MTT450-1	10/2003

MTV - PROCESS	REVISION DATE
MTV1	11/2009
MTV2	01/2008
MTV2 BEIBLATT 1	06/2009
MTV2 BEIBLATT 2	11/2001
MTV2 BEIBLATT 3 SUPERSEDED BY MTV2	12/2005
MTV2 BEIBLATT 4 REPLACED BY EN 9132	12/2004
MTV3	12/2005
MTV102	11/2006
MTV105	12/2008
MTV106 SUPERSEDED BY MTV122, MTV499, MTV566	08/1994
MTV107	07/2000
MTV109 SUPERSEDED BY MTV122 & MTV444	07/1991
MTV110	05/2008
MTV112	01/2008
MTV122	09/2009
MTV123 WITHDRAWAL NOTIFICATION - REPLACED BY MTV123-1 & 2	05/2000
MTV123-1	07/2009
MTV123-2	05/2009
MTV124	04/2009
MTV128 SUPERSEDED BY MTV124	05/1984
MTV131	07/2000
MTV133	05/1999
MTV150	10/1981
MTV155	06/2003
MTV156	10/1996
MTV170	09/1990
MTV172	09/2000
MTV175 SUPERSEDED BY MTV337	08/2008
MTV176	11/1981
MTV178	10/2003
MTV179	07/1990
MTV187	10/2007
MTV206	12/1999
MTV224	05/2005
MTV238	01/2005
MTV239	04/2000
MTV240	12/2002
MTV241	04/2008
MTV242	07/2008
MTV245 SUPERSEDED BY MTV607-3	01/2007
MTV247	03/1981

MTV250	07/1997
MTV253	07/1997
MTV254	02/2000
MTV255	11/1982
MTV258	09/2000
MTV259	04/1994
MTV263	04/1991
MTV264	03/2000
MTV268	04/1994
MTV269	04/1994
MTV270	03/2000
MTV273	06/1989
MTV275	06/1989
MTV276	04/1995
MTV300	04/1991
MTV303	03/2000
MTV304	07/2001
MTV305	11/1982
MTV310	03/2000
MTV313	04/1991
MTV315	11/1982
MTV317	05/2001
MTV318	04/1994
MTV319	04/1994
MTV320	04/1994
MTV321	12/1989
MTV325	02/1989
MTV328	11/1981
MTV329	11/2002
MTV333	11/1981
MTV334	11/1981
MTV335	11/1981
MTV336	09/1981
MTV337	01/2010
MTV337 BEIBLATT 1	04/2009
MTV338 TEIL 1	11/1981
MTV338 TEIL 2	07/1992
MTV338 TEIL 3	09/1982
MTV338 TEIL 4	06/1994
MTV338 TEIL 5	11/1981
MTV338- 6	11/2005
MTV338 TEIL 7	02/1983
MTV338-10	11/2005
MTV339 TEIL 2	11/1981
MTV339-2	05/1995
MTV340-1	10/2009
MTV341	03/2003
MTV342	08/2008
MTV352	02/1989
MTV355	06/2005
MTV357	02/2008
MTV359	01/2006
MTV360	10/2005
MTV361	02/1982
MTV364 TEIL 1	01/1985
MTV365-1	11/2005
MTV365 BEIBLATT 1 TEIL 1	03/1989
MTV365-23	02/2000
MTV371 SUPERSEDES 12/1992 ISSUE	01/2009
MTV372	03/1983
MTV385	07/2006
MTV387	11/2006
MTV391	02/2001
MTV409	12/2008
MTV415	02/2005
MTV422	03/2007
MTV426 -1	03/2006
MTV426 TEIL 2	04/1987
MTV426 TEIL 5	04/1987
MTV428	11/2009
MTV430	09/1986
MTV431	05/2009
MTV432	05/2009
MTV435	03/2002
MTV443	03/2003
MTV459	01/1991
MTV490	10/2005
MTV499 SUPERSEDES 08/2005 ISSUE	03/2009
MTV509	08/1991
MTV511 WITHDRAWN-NOT REPLACED	02/1989
MTV512	05/2005
MTV527 SUPERSEDED BY MTV527-1	03/2005
MTV527-1 SUPERSEDED BY MTV337	09/2008
MTV527-2 SUPERSEDED BY MTV337	09/2008
MTV528	04/1991
MTV532	01/2010
MTV547-1	02/2003

MTV548-1	07/1996
MTV548-2	04/2008
MTV556	07/2004
MTV560	10/2003
MTV562 TEIL 1 GERMAN	12/1994
MTV562-2	04/2008
MTV569	07/1996
MTV574	01/2004
MTV593	09/2005
MTV607-1	09/2005
MTV607-3	03/2007
MTV616	10/2002
MTV618	01/2002
MTV628	02/2009
MTV632	03/2009
MTV633	12/2009
MTV634-1	12/2005
MTV650	01/2006
MTV1002	09/1992
MTV1003	11/2006
MTV1008	08/2004
MTV1009	07/1984
MTV1015	05/1998
MTV1016 AMND	12/1996
MTV1018	04/1988
MTV1020	05/2009
MTV1021	05/2009
MTV1022	05/2009
MTV1023	06/2009
MTV1024	06/2009
MTV1027	10/2006
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MTV1030-1	10/2007
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MTV1030- 4	07/1998
MTV1031-1	10/2007
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MTV1032-1	10/2007
MTV1032 TEIL 2	11/1984
MTV1032 TEIL 3	11/1981
MTV1033-1 AMND	12/1996
MTV1033 TEIL 2	05/1995
MTV1033 TEIL 3	05/1995
MTV1034	08/1991
MTV1036	02/2000
MTV1037-1	04/2002
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MTV1040	04/1983
MTV1041	03/1983
MTV1042	12/1982
MTV1043	04/1983
MTV1044	12/1981
MTV1047	10/2007
MTV1048	03/1983
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MTV1076	03/2005
MTV1083 TEIL 1	04/1990
MTV1083 TEIL 2	08/1990
MTV1083 TEIL 3	08/1990
MTV1098	08/1991
MTV1112	11/1995
MTV1117	03/2002
MTV1118	03/1997
MTV1122PR	07/1999
MTV1148	04/2001

TECHSPACE AERO SPECIFICATIONS

SPECIFICATION	REVISION DATE
00R7070	B
51R0001	C
51R0002 (dwg 5760303)	A
51R0003	B
51R0006	C
51R0010	A
51R0011	A
51R0014	A
51R0015	A
51R0016	A

51R1001	B
51R1002	B
51R1003	A
51R1004	B
51R1005	E
51R1006	B
51R1007	A
51R1008	A
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51R2003	B
51R2004	B
51R2005	B
51R2006	A
51R2007	A
51R2008	A
51R100851	A
51R111196	A
51R111197	A
51R111198	A
51STM1001	B
51STM1002	F
51STM2001	B
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12296B	12838C	13219B	13431E	13432B
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43197B	44250B	45333B	45588	45600D
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46062	46063	46064 Chg 1	46345B	46361E
46362C	46363C	46364D	46366D	46367C
46368A	46993F	47300H	47302B	47322
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48336H	48768K	48778D	48779D	49100D
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51360A	51500E	52200N	52715G	53795A
53900B	53901B	53902B	53903B	53904B
53905B	53906B	61027A	61680D	61690B
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Process Operations Procedures (POP)

For a comprehensive list of POPs with latest revisions, see
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442C	443A	445	446
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463B	468	469B	470
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481D	482	485	486
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529A	531F	534G	535H
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630C	632	634	638I
639H	643	645A	646A
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668J	669A	675	683N
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733A	735	738C	739
740B	749A	750A	751H
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769B	770B	771B	778K
780E	781C	784	785
786A	787E	788H	789M
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817A	820	821A	823H
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861	863	865	867F
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872A	873A	874	880
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953	954B	955	957D
958A	959A	960C	961B
962	963	964C	965B
966D	967C	968A	969
970A	971A	972	973
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1090C	1091	1092	1093B
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1314B	1315	1324A	1325
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1331	1332	1333	1334
1335	1336A	1337	1338
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1420	1422A	1425A	1427
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1527 Scn-1	1528	1529	1530A
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1557A	1569B Scn-1	1570B	1575
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1582	1585A	1587	1588
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1688B	1691A Scn-1	1692 Add #1	Supp A
1693	1694	1695	1696A
1697C	1698A	1700A Scn-1	1705
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1722	1724	1725	1726B
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1779	1780B	1781A	1782
1784	1785	1787A	1788
1789	1790	1791A	1792A
1793A	1794A	1797	1799 Scn-1
1800A	1801	1803A	1805D
1806 Scn-1	1807	1809C	1810D
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1823	1824	1825	1827 Scn-1
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1837	1838	1841	1844A
1846	1847C Add #1	1848D	1850B Scn-1
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1905A	1906	1907B	1910
1912B	1913A	1914H	1918AG
1920C	1921	1923	1924
1929	1930C	1934B	1935A Add #1
1938	1940	1945	1946
1949B	1953	1954A	1955D
1956	1958G	1959X	1962B
1966A	1967	1968	1970D
1971	1973	1974	1975
1976	1979B	1980	1981B
1982B	1983	1984	1985A
1986	1987A	1988	1992B
1993	1994	1995	1996
1998	2000B	2001	2002
2003	2006	2007A	2008
2011	2012B	2013	2015 Rev #2
2017A	2018	2020G	2023
2024	2025	2029	2030A
2031	2032	2035A	2036
2039	2040A	2044	2045A
2052A	2053	2056E	2057A
2058A	2059	2061	2062C
2064	2065	2066A	2067
2068	2069	2070	2072
2074	2077	2078	2079
2082	2083A	2090	2091H
2097B	2099	2101	2105
2107	2108	2112	2113B
2125	2136	2138	2139
2142B	2143	2144	2145
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P&W Purchase Performance-F (PW-PPS-F) Documents			
Military			
F-13N	F-862A	2511L	2527
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F-33A	F-865F	2513	2529 Rev 3.0
F-34D	F-866	2514	2530 Cancelled 1/18/08
F-52E	F-911 New	2515	2531
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F-780H	2503	2520 Rev 00	2536 Rev 1.0
F-781F	2504	2521 Rev 00	2537
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P&W Production & Development Specifications - (PWA)**PWA Spec Codes**

C = Classified
 E = Engineering Source Approved
 I = Engineering source Approved for Ingot and/or Forging Stock
 N = Sources Listed in Specification
 P = Patent Notice Applies
 Q = Sources Qualified by MCL (PWA Source Qualification List)

PWA Specifications Inactive for New Designs (In Italics)

Spec Revision	Spec Code
PWA Glossary Rev L	
1J	E
2C	-
4E	Q
5D	Q
6F	E,Q
7C	E
8F	E
10U	E
11CB	E,Q
12T	Q
14L	E,Q
15AB	Q
16BC	E,Q
19AG	E,Q
20G	N,Q
24R	E
25F (Obsolete)	N
26N	N
27H	
33K	E
34V	E,Q
35B	E
36G	Q
37J	Q
38C	N
41B (Obsolete)	
42K	Q
44P	Q
45L	
46W	N,Q
47V	Q
48F	Q
49N	N,Q
50P	N,Q
52L	N,Q
53AN	E,Q
55E	N,Q
57D	Q
58B	Q
60M	
61J	E,N
62L	E
63J	
68R	E
70AA	E
72J	Q
73AM	E,P
74L	Q
75L	Q
76J	E,P
77U	E
80AB	Q
81Y	Q
82E	-
83AE	-
84K	
85Y	E,Q
86H	Q
87A	
88G	Q
89H	-
91G	-
92U	Q
93K	Q
94K	E
95C	N
96P	Q
97N	Q
98P	E
99P	E,Q
100M	E
101F	Q
102H	E
103E	E
104R	Q
105H	E,N
106J	Q
107D	Q

108G	Q
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110AC	Q
111C	Q
112G	E
113M	Q
115C	E
116AB	Q
117C	Q
118K	Q
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128D	Q
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162D (Obsolete)	
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251D	-
252E	E
253H	Q
254F	P,Q
255K	E
256T	E,Q
257J	E,Q
258	Q
259L	E
261E	P,Q
262E	E,P
263K	E,P,Q
264K	E,P
265F	P,Q
266P	E,P
268H	E
269F	N,Q
270N	E
271H	-
272B	E,P
273U	E,P
275R	E
276H	E
277F	E,P
279P	E,P
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283H	E,P
284H	E,P
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286L	E,P
287G	E,P
288C	N,Q
289D	E
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291E	E,P
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297A (Obsolete)	E
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326D	-

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372A	P
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385AA	N,Q
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393E	-
394D	-
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487E	N
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500D (Obsolete)	
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527C	-
529E	-
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536B (Obsolete)	N
537D	N
538A (Obsolete)	
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540A	Q
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542A (Obsolete)	
543J	E,N
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546B	N
547G	N
548H	N
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552K	N
553H	E,N
554E	N
555F	N
556P	N
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589E (Obsolete)	N
591J	N
592K	N
593F	N
595R	N
596J	N

597R	N,P
599F (Obsolete)	N
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606G	N
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611AD	E
614D	N
615AE	E
616J	
617M	N
618D	N
619A	Q
621B (Obsolete)	
625K	E
626B	
627A	N
628H	N
629C	N
633A	N
634D (Obsolete)	N
635M	E
637C	N
638A	N
641D	
642C	-
645C	N
647J	I
649U	I
651D	-
652L	-
653G	-
654E	-
655U	I
656T	I
657G	I
658AF	I
659K	I
661E	-
662E	-
663AJ	I
664J	I
673F	-
686U	I
687M	-
689L	I
691	-
692E	
694N	
698H	-
699C	
701C	
703C (Obsolete)	
704C	-
706F	-
707B	
708E	-
713C	
714C (Obsolete)	N
715E	-
716E	-
717E	
718F	-
719C	Q
723N	-
724G	-
725P	-
733V	I
734D	
736D (Obsolete)	
741E	-
742D	-
743B	N
744H	N
749F	
765D	-
767H	-
768K	I
770J	E
771G	I
772D	-
773C	-
776B	-
777F	N
778C	
779D	E
788C	-
789E	-
790D	-
791D	N
792C	
793K	I

795H	N
796B (Obsolete)	N
797B (Obsolete)	N
798C	
802C	Q
804C	-
809F	N
810E	Q
817F	I
830BR	-
840D (Obsolete)	Q
892B (Obsolete)	Q
896C	-
927E (Obsolete)	Q
953C (Obsolete)	
956C (Obsolete)	
996F	-
998B	-
1003R	I
1004H	
1005U	I
1007AD	I
1009K	
1010W	I
1012C	
1013W	I
1014H	
1015D	
1016AA	I
1019D	I
1021H	I
1022N	I
1024E	I
1025H	-
1026H	-
1027P	I
1029M	I
1035H	
1036B	
1037D	-
1038M	-
1039C	-
1042M	-
1043E	
1045F	E
1049D	I
1052B	
1055C	
1056M	I
1057N	I
1058D	-
1060H	
1062E	
1064D	-
1065L	-
1066B	
1069D	
1070G	
1072D	
1073M	-
1074R	-
1075C	
1077E	I
1078C	-
1079D	N
1084D	
1085J	I
1087C	
1088C	N
1089C	-
1090G	N
1091F	-
1092A	
1095H	E
1096E	E
1100L	E
1101B	E
1102F	E
1103A	
1104B	
1105B	
1106K	E,P
1107F	I
1112H	I,P
1113H	I,P
1114C	
1117A	I,E,P
1125B	E,P
1127D	-
1128C	-
1129A	-
1130B	-
1161E	-

1162D	-
1163G	-
1164E	-
1165C	-
1167G	-
1168D	-
1170N	N
1172A	-
1174C	-
1175C	-
1176C	E
1177B	E
1179B	
1180E	Q
1181C	Q
1182G	E
1183C	-
1185L	N
1186C	N,P
1188B	E,P
1191K	-
1192J	-
1193G	I
1194F	-
1195A	-
1196B	-
1197C	-
1198F	-
1199E	-
1201J	E
1202AH	I
1204D	
1209W	I
1210N	I
1212K	I
1213G	E
1214R	I
1215P	I
1216P	I
1217G	I
1220L	I
1221	I,E
1222C	
1223G	-
1224J	I
1225J	I
1227M	E,I
1228J	I
1231H	-
1232F	I
1233F	-
1240B	
1241B	
1260P	
1262U	E
1264P	E
1265P	E
1267G	E
1269A	E
1270H	I,P
1271J	I,P
1272M	E
1273K	E
1274J	-
1276E	E
1279C	N
1281	-
1282	-
1300	I
1302F	Q
1303C	Q
1304J	Q
1306G	Q
1307F	Q
1310F	Q
1311AA	N
1312L	N
1313D	Q
1314T	N
1315F	Q
1316G	Q
1317G	Q
1318H	Q
1319F	Q
1320L	N
1321N	N
1322K	N
1323J	Q
1324J	N
1325P	N
1327F	N
1328G	Q
1330D	N

	1331C	Q
	1333N	N
	1334J	N
	1335L	N
	1337AB	N
	1338M	N
	1339F	N
	1340E	-
	1341G	N
	1342K	N
	1346K	N
	1347D	Q
	1348N	N
	1349N	N
	1351J	I
	1352R	N
	1353J	-
	1355H	-
	1356R	-
	1358F	N
	1359E	N
	1360E	N
	1361E	I
	1362C	Q
	1364C	Q
	1365R	N
	1367C	Q
	1368D	I
	1369H	N
	1370G	I
	1372D	I
	1373G	N
	1374B	Q
	1375R	N
	1376J	N
	1377B	-
	1378K	N
	1379L	N
	1380D	Q
	1381B	N
	1382G	N
	1383D	N
	1384A	N
	1385C	N
	1386N	N
	1387C	N
	1388C	N
	1389D	N,P
	1390D	E
	1392P	E,I
	1393F	N
	1394E	E,I
	1395G	E,I
	1397C	N
	1398A	N
	1404B	I,E,P
	1419G	I
	1422AF	E,I,P
	1426M	I,P
	1427	
	1428 (New)	I,E
	1429	I,E
	1431A	I,E
	1432	I,P
	1433 (New)	I
	1434	-
	1435	I
	1436A	I
	1437B	I,P
	1438	
	1439 (New)	I,E
	1440A	I,E
	1447K	I
	1448E	I
	1449E	I
	1451V	I
	1455W	I
	1456R	I
	1464C	-
	1467E	E,I
	1468D	-
	1469M	I
	1471L	I
	1472E	I,P
	1474D	-
	1475C	-
	1476C	I
	1477C	I
	1478C	-
	1479	-
	1480AA	I,E
	1483D	I,P
	1484V	I,E

1485H	I
1487K	E,I
1489E	I
1490F	
1493D	
1495E	E,I
1496D	E,I,P
1498	I
1499	E,I
6000C	-
6005C	-
6009C	
6015B	-
6020C	
6021D	N,Q
6031D	-
6032C	-
6033D	-
6051C	N
6058C	N
6059E	N
6060A	N
6061C	
6062B	N
6063B	N
6064C	
6068	N
6069A	
36000V	N
36001G	N
36002G	N
36003N	N
36004E	N
36007H	N
36008F	N
36009D	N
36010E	N
36011E	N
36013H	N
36014H	N
36015H	N
36016H	N
36017H	N
36019F	N
36020F	N
36022F	N
36023C	N
36024A	
36025F	N
36026E	N
36027H	N
36028F	N
36029K	N
36030F	N
36031G	N
36032F	N
36033E	N
36035J	N
36036D	N
36038D	N
36040A	N
36043E	-
36045E	N
36047J	N
36048F	N
36050F	N
36052B	N
36053G	N
36054E	N
36055C	
36056C	
36057E	N
36058B	N
36060B	N
36061C	N
36063C	N
36064B	N
36066B	N
36067D	N
36071B	N
36072D	N
36074C	Q
36075B	N
36076B	Q
36081C	Q
36084B	N
36085R	E,N
36086D	N
36087K	N
36090A	-
36092B	N
36093C	N
36095H	E

	36096E	E
	36097F	N
	36098A	N
	36099F	N
	36100G	N
	36101C	P,Q
	36102B	N
	36103B	N
	36104G	E,P
	36105	N
	36106	N
	36107A	-
	36108B	E
	36109	N
	36110	-
	36111A	N
	36112C	N
	36114	N
	36116D	N
	36117H	N
	36118F	N
	36119C	N
	36120C	E
	36121C	E
	36123	E
	36127	N
	36129	N
	36130B	I
	36133	-
	36134A	I
	36136	N
	36140E	I
	36142D	-
	36145	N
	36150G	-
	36151E	E
	36152A (Obsolete)	E
	36156A (Obsolete)	N
	36157D	-
	36158A	
	36159B	
	36160D	I,E
	36136	
	36170B	-
	36177A	E
	36180E	Q
	36195 (Obsolete)	Q
	36198D	Q
	36200B	N
	36201	N
	36202	E
	36206E	E,Q
	36207	E
	36210C	N
	36211D	N
	36220D	E
	36221D	N
	36222A	N
	36230A	N
	36240F	N
	36241A	N
	36242A	E
	36243A	E
	36245B	N
	36246C	N
	36247B	
	36250A	E
	36252B	Q
	36255A (Development to Production)	
	36260B	Q
	36261A	E
	36265A	E
	36270A	E
	36275B	E
	36280C	I
	36281C	I
	36285	N
	36290B	E,P
	36291B	E,P
	36301C	E
	36302B	E,P
	36303A	E,P
	36304B	E,P
	36305A	E,P
	36306C	E,P
	36307A	E,P
	36309B	E,P
	36313A	
	36314A	I
	36318	N
	36319	N
	36321C	E,I

36322A	E,P
36323	E
36325A	N,P
36326A	N,P
36327A	N,P
36328A	N,P
36330D	E,P
36331D	N
36332B	N
36333B	N
36334	N
36336	N,P
36339C	N
36341B	E
36345	N
36346	N
36347	N
36348	N
36349D	N,P
36350C	N,P
36351C	-
36352D	-
36353D	N
36354H	N
36355A	N
36356G	N
36358A	N
36361J	N
36363A	E
36364C	N
36367B	
36368D	N
36369B	E
36370B	Q
36371F	
36372H	N
36373C	N
36374A	
36375A	N
36376B	N
36377B	-
36381	N
36385B	N
36386	E,P
36490B	N,P
36392A	E,P
36393A	E,P
36395E	E
36400B	N
36401B	N
36402C	N
36403C	N
36404C	N
36405D	N
36406E	N
36407H	N
36408E	N
36409C	N
36410C	N
36411F	N
36412B	N
36413B	N
36414D	N
36415	N
36416A	N
36417B	N
36418K	N
36419K	N
36420B	N
36421F	N
36422J	N
36423A	
36424C	N
36425G	N
36426C	N
36427B	N
36428	N
36429A	N
36430A	N
36431G	N
36432B	N
36433H	N
36434F	N
36435E	N
36436B	N
36437A	N
36438B	N
36440A	N
36441	N
36442A	N
36443G	N
36444B	N
36445E	E

36446B	N
36447B	N
36448A	N
36450K	
36451C	N
36452C	E,N
36453K	N
36454C	N
36455B	N
36456C	N
36457B	N
36458B	N
36459E	N
36460C	N
36461B	N
36462B	N
36463A	N
36464B	N
36465A	N
36466C	N
36467	N,P
36468A	N
36474	N
36475A	N
36476	N
36477A	N
36478A	N
36479	N
36480	N
36481A	N
36482D	N
36483A	N
36484B	N
36485	N
36486	N
36487A	N
36489	Q
36490D	N
36491B	N
36493B	N
36497	E
36498	E
36499	E
36500A	N
36501B	N
36502B	N
36503A	N
36504A	N
36505B	N
36506A	N
36507C	N
36508B	
36509F	N
36510F	N
36511	N
36512A	N
36513B	-
36514C	N
36515B	N
36516H	N
36518C	-
36519C	N
36520A	N
36521A	N
36522	E
36530	E
36545P	N
36546A	E,Q
36550B	E,Q
36555	N
36568	N
36569	N
36595	N
36599B	-
36600F	C
36603E	-
36604D	N
36610G	E,C,Q
36611	N
36612	N
36614	E,C
36615B	E,C,Q
36623	E,C
36640	
36650A	E,C,Q
36655A	E,C,Q
36670C	E,C,Q
36680	C
36683	Q
36700D	-
36701C	-
36702	Q
36704B	N

	36705C	N
	36706	N
	36707B	N
	36708A	N
	36709B	N
	36710	N
	36711A	N
	36712	N
	36739B	N
	36745B	N
	36746A	N
	36747A	N
	36750B	N
	36751G	N
	36752B	N
	36753C	N
	36755D	N
	36756C	N
	36757C	N
	36758A	N
	36759A	N
	36760C	N
	36761	N
	36800V	E,C,Q
	36801C	C
	36803A	-
	36804B	C
	35806B	N
	36807B	C
	36808	C
	36820C	E
	36821C	E
	36824A	-
	36840E	E,P
	36841B	E,P
	36842B	E,P
	36849	Q
	36859	E
	36860F	E,C,Q

36900J	C
36901E	-
36904	E
36905A	E
36906F	Q
36907	E
36909	E
36910C	E,C,Q
36913C	N
36915	Q
36916	
36917	E
36920B	E
36930D	Q
36932K	P
36933B	Q,P
36935C	N
36937F	N
36946	N
36947E	N
36948E	N
36949A	-
36950K	E,Q
36951C	Q
36952K	E,P
36953D	N,Q
36955E	E
36959E	E,P
36960A	Q
36961B	N
36962	-
36963B	E
36964A	
36965E	Q
36968	E
36970A	Q
36971	E
36972A	E
36974	E,P
36975	N,Q
36990	
36999E	E
79059	E

	79200E	I
	79210A	N
	79220A	I
	79301	E
	79302A	E
	79304B	-
	79305A	-
	79306A	-
	79307	-
	79308	-
	79309	-
	79311B	-
	79312A	-
	79313A	-
	79315A	-
	79316A	-
	79321C	-
	79332B	-
	79333A	-
	79341E	-
	79345B	-
	79346	-
	79357	-
	79360B	-
	79547 (New)	I
	79555 (New)	I
	79575 (New)	-
	79583 (New)	I
	79800	N
	79802	N
	79900C	-
	79901B	-
	79902A	-
	79903A	-
	79904A	-
	79905B	-
	79906	-
	79907A	-
	79908A	-
	79909A	-
	79910A	-
	79911D	-
	79912B	-
	79913A	-
	79914A	-
	79915A	-
	79916	-
	79917	-
	79918	-
	79919	-
	79920	-
	79921	-

* Revised Since Previous Edition of 7/21/2010

+ Revised Since Previous Edition of 7/21/2010

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P&W Specification Supplements (PWA-S)
Which Modify & are an Integral Part of
Aerospace Material Specifications (AMS) Requirements

Reference specification PWA-360 Section A4.2.2 Modifications to specified documents.

In certain instances, the PW Engineering Department modifies requirements cited in industry or government documents specified on engineering drawings (e.g., AMS - - Aerospace Material Specifications) by issuing a PWA Spec Supplement. Normally, the spec supplement appears on both the engineering drawing and the P&W Purchase Order. However, where a spec supplement has been issued but does not appear on the engineering drawing, interpret the drawing as invoking the supplement: for example; the other requirement "AMS 4928 TI ALLOY" shall be interpreted as equivalent to "AMS 4928 & PWA-S-4928 TI ALLOY". A listing of issued PWA Spec Supplements is as listed below.

Some drawings may refer to other PWA-S, not noted below; these requirements are now incorporated in the basic AMS or have been cancelled.

PWA Spec Codes

- C = Classified
- E = Engineering Source Approved
- I = Engineering source Approved for Ingot and/or Forging Stock
- N = Sources Listed in Specification
- P = Patent Notice Applies
- Q = Sources Qualified by MCL (PWA Source Qualification List)

PWA-S Spec. Rev	Spec Code
2400F	Q
2404A	Q
2406D	Q
2410C	Q
2412A	Q
2416C	Q
2417	Q
2424D	Q
2430A	Q
2433	E
2470C	Q
2471B	-
2515	-
2664P	E,Q
2675M	E,Q
3110A	
4116A	
4117B	
4120B	
4150A	
4161A	
4427G	
4778B	
4914	
4928N	
5390A	
5508B	
5556	
5557	
5581	
5596C	
5616G	I
5617	
5660G	I
5662H	I
5663E	I
5719	I
5732H	I
5733D	I
5735D	
5772A	
5867	
6304H	I
6305	I
6308 New	
6414A	I
6415D	I
6532	I
6945	N
7223	
7233B	
7470B	
7471D	
7473C	
7477B	
7478B	
7875	
7879	

* Revised Since Previous Edition of 7/21/2010
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**Quality Requirements Engineering Specifications
Standards**

Bond Inspection Standards	
BIS-1K	
BIS-3A	
BIS-4C Redacted	
BIS-6C	Cancelled - Use VIS-114
BIS-7C	Cancelled - Use VIS-114
BIS-9C	
BIS-10B	
BIS-11C	
BIS-12A	
BIS-13A	

Composite Inspection Standard	
CIS-1A	New Standard

Contamination Detection Standards	
CDS-1B	
CDS-2D	Cancelled - Use VIS-322 & VIS-23
CDS-3D	
CDS-4A	

Crystallographic Verification Standards	
CVS-1A	Cancelled - Use CVS-12
CVS-2F	Cancelled - Use CVS-12
CVS-4E	
CVS-6P	Cancelled - Use CVS-12
CVS-8E	Cancelled - Use CVS-12
CVS-9B	Cancelled - Use CVS-12
CVS-10A	
CVS-11A	
CVS-12H	
CVS-13B	Cancelled - Use CVS-12

Dimensional Control Standards	
Preface B	
1 Master P	
1-1M	
DCS-1-1.1D	
DCS-1-1.2C	
DCS-1-1.3F	
DCS-1-1.4D	
DCS-1-1.5D	
DCS-1-1.6D	
DCS-1-1.7E	
DCS-1-3G	
DCS-1-4C	
DCS-1-5D	
DCS-1-6B	
DCS-1-7E	
DCS-1-8D	
DCS-1-9B	
DCS-1-10D	
DCS-1-11C	
DCS-1-12C	
DCS-1-13B	
DCS-1-14D	
DCS-1-15C	
DCS-1-16C	
DCS-1-17C	
DCS-1-18C	
DCS-1-19B	
DCS-1-20B	
DCS-1-21B	
DCS-1-22B	
DCS-1-23B	
DCS-1-24D	
DCS-1-25E	
DCS-1-26B	
DCS-1-27D	
DCS-1-28C	
DCS-1-29D	
DCS-1-30B	
DCS-1-31E	
DCS-1-32D	
DCS-1-33D	
DCS-1-33D	
DCS-1-34D	
DCS-1-35D	
DCS-1-36F	
DCS-1-37C	
DCS-1-38D	
DCS-1-39G	
DCS-1-40C	

QUALITY STNDS

DCS-1-41D	
DCS-1-42C	
DCS-1-43C	
DCS-1-44C	
DCS-1-45B	
DCS-1-46B	
DCS-1-47C	
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DCS-1-49D	
DCS-1-50C	
DCS-1-51D	
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DCS-1-53C	
DCS-1-54B	
DCS-1-55E	
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DCS-1-58T	
DCS-1-59H	
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DCS-1-64H	
DCS-1-65H	
DCS-1-66H	
DCS-1-67G	
DCS-1-68F	
DCS-1-69F	
DCS-1-70D	
DCS-1-71D	
DCS-1-72B	
DCS-1-73E	
DCS-1-74B	
DCS-1-75A	
DCS-1-76Y	
DCS-1-100D	
DCS-1-101D	
DCS-1-102D	
DCS-1-103C	
DCS-1-104C	
DCS-1-105C	
DCS-1-106E	
DCS-1-150D	Obsoleted - No further requirements
DCS-1-151B	Obsoleted - No further requirements
DCS-1-152A	Obsoleted - No further requirements
DCS-1-200D	
DCS-1-201A	
DCS-1-202B	
DCS-1-203B	
DCS-1-204A	
DCS-1-205D	
DCS-1-206A	
DCS-1-207A	
DCS-1-208B	
DCS-1-209D	
DCS-1-210A	
DCS-1-211H	
DCS-1-212F	
DCS-1-213C	
DCS-1-214B	
DCS-1-215K	
DCS-1-216T	
DCS-1-217L	
DCS-1-218C	
DCS-1-219M	
DCS-1-220D	Obsoleted - Use DCS-1-219
DCS-1-250A	
DCS-1-251B	
DCS-1-260B	Obsoleted - No further requirements
DCS-1-261B	Obsoleted - No further requirements
DCS-2A	Cancelled - No longer required
DCS-3L	
DCS-4A	Obsoleted - Use DCS-1
DCS-5A	Obsoleted - Use QEP 7.2.33
DCS-6	Obsoleted - Use PW-QA-6080
DCS-7 Master D	
DCS-7-1A	
DCS-7-2A	
DCS-7-3A	
DCS-7-4A	
DCS-7-5A	
DCS-7-6A	
DCS-7-7A	
DCS-7-8A	
DCS-7-9A	
DCS-7-10A	
DCS-7-11B	
DCS-7-12A	
DCS-7-12.1A	
DCS-7-12.2A	
DCS-7-13A	
DCS-7-14A	

QUALITY STNDS

DCS-7-15A	
DCS-7-16A	
DCS-7-17A	
DCS-7-18A	
DCS-7-19A	
DCS-7-20A	
DCS-7-30A	
DCS-7-40A	
DCS-7-48A	
DCS-7-49A	
DCS-7-50A	
DCS-7-51A	
DCS-7-52A	
DCS-7-53A	
DCS-7-54A	
DCS-7-55A	
DCS-7-55.1A	
DCS-7-56A	
DCS-7-57A	
DCS-7-57.1A	
DCS-7-57.2A	
DCS-7.58A	
DCS-7.59A	
DCS-7.60A	
DCS-7.61A	
DCS-7.62A	
DCS-7.63A	
DCS-7.64A	
DCS-7.65A	
DCS-7.70A	
DCS-7.80A	
DCS-8 Master L	
DCS-8-1E	
DCS-8-2B	Cancelled - Use DCM 8-2
DCS-8-3L	
DCS-8-4B	
DCS-8-5B	
DCS-8-6B	
DCS-8-7C	
DCS-8-8A	
DCS-8-9D	Cancelled - Use DCM-8
DCS-8-10A	
DCS-8-11A	
DCS-8-12C	
DCS-8-13A	
DCS-8-14A	Obsoleted
DCS-8-15B	
DCS-8-17C	
DCS-8-18B	
DCS-8-19C	
DCS-8-20A	
DCS-8-21A	
DCS-8-22A	
DCS-8-23A	
DCS-8-25A	
DCS-8-26A	
DCS-8-27A	
DCS-8-28A	
DCS-8-29A	
DCS-8-30A	
DCS-8-31A	
DCS-8-32A	
DCS-8-33A	
DCS-8-34A	
DCS-8-35A	Cancelled - No further requirements
DCS-8-36A	Cancelled-Functional Test requirements-F404 parts
DCS-8-37A	
DCS-8-38A	
DCS-8-39A	
DCS-9B	Obsoleted - No longer required
DCS-10K	
DCS-12D	
DCS-13D	
DCS-14F	Cancelled - Use ASQR-01
DCS-15A	Obsoleted
DCS-16A	Cancelled - Use HIM-1
DCS-17 Master D	Cancelled - Use HIM-1
DCS-17.1	Cancelled - Use HIM-1
DCS-17-2	Cancelled - Use HIM-1
DCS-17-3A	Cancelled - Use HIM-1
DCS-17-4	Cancelled - Use HIM-1
DCS-17-5	Cancelled - Use HIM-1
DCS-17-6	Cancelled - Use HIM-1
DCS17-7A	Cancelled - Use HIM-1
DCS17-9	
DCS-18-C	
DCS-20-G	
DCS-22A	Obsoleted
DCS-23R	
DCS-24	Obsoleted
DCS-25A	Obsoleted
DCS-27B	Obsoleted - No longer required
DCS-28A	Obsoleted

QUALITY STNDS

DCS-29E	
DCS-30A	Cancelled - Use PWA 360
DCS-31C	
DCS-33A	Obsoleted
DCS-34E	
DCS-35C	
DCS-36A	Obsoleted
DCS-37H	
DCS-38C	
DCS-39B	
DCS-40C	
DCS-41F	
DCS-42D	
DCS-43C	
DCS-44G	
DCS-46A	
DCS-47B	Cancelled
DCS-48G	
DCS-49A	Obsoleted
* DCS-50B	
* DCS-51E	
* DCS-52E	
* DCS-53C	
* DCS-54C	
* DCS-56G	
* DCS-57D	
DCS-58D	Cancelled - Use PWA 350
DCS-59C	Cancelled
DCS-60E	
DCS-60 Appendix AU	
DCS-61B	
DCS-63B	Obsoleted - No longer required
DCS-64B	Cancelled - Use DCM 2
DCS-65B	Cancelled
DCS-68D	
DCS-68A Appendix	Redacted
DCS-71D	
DCS-72D	
DCS-75C	Cancelled
DCS-76B	
DCS-77C	Cancelled
DCS-78A	Obsoleted - No further requirements
DCS-79B	Cancelled
DCS-80	Cancelled - Use PWA 355
DCS-83	Obsoleted - No further requirements
DCS-85A	Cancelled-No longer required due to ECR system
DCS-85B Appendix	
DCS-86B	Cancelled
DCS-88A	Cancelled - Use ASQR-01
DCS-89B	Cancelled
DCS-90A	Cancelled
DCS-91A	Cancelled
DCS-92J	
DCS-94A	Cancelled - Use PWA-310
DCS-95D	
DCS-98B	Cancelled
DCS-99A	Cancelled - Use PWA-357
DCS-101B	
DCS-104B	Cancelled - Use VIS-454
DCS-105A	Cancelled - Use ASQ
DCS-106B	
DCS-107A	
DCS-108A	Obsoleted - No longer required
DCS-109B	
DCS-109 App. B	
DCS-110B	Cancelled - Use DCM-5
DCS-111-1A	Obsoleted - No longer required
DCS-111-2A	Obsoleted - No longer required
DCS-111-3A	Obsoleted - No longer required
DCS-111-4A	Obsoleted - No longer required
DCS-111-5A	Obsoleted - No longer required
DCS-111-6A	Obsoleted - No longer required
DCS-111-7A	Obsoleted - No longer required
DCS-111-8A	Obsoleted - No longer required
DCS-111-9A	Obsoleted - No longer required
DCS-111-10A	Obsoleted - No longer required
DCS-111-12A	Obsoleted - No longer required
DCS-111-13A	Obsoleted - No longer required
DCS-111-14A	Obsoleted - No longer required
DCS-111-15A	Obsoleted - No longer required
DCS-111-16A	Obsoleted - No longer required
DCS-111-17A	Obsoleted - No longer required
DCS-111-18A	Obsoleted - No longer required
DCS-111-19A	Obsoleted - No longer required
DCS-111-20C	Obsoleted - No longer required
DCS-111-21A	Obsoleted - No longer required
DCS-111-25A	Obsoleted - No longer required
DCS-111-28A	Obsoleted - No longer required
DCS-111-29A	Obsoleted - No longer required
DCS-111-31A	Obsoleted - No longer required
DCS-119B	
DCS-120B	

QUALITY STNDS

	DCS-120A Appendix	
	DCS-121A	
	DCS-123C	
	DCS-123C Appendix	
	DCS-124A	Cancelled
	DCS-125D	
	DCS-126B	
	DCS-127A	
	DCS-129A	
	DCS-130A	
	DCS-131C	
	DCS-132A	
	DCS-133B	
	DCS-135B	Obsoleted - No longer required
	DCS-139A	Obsoleted - No longer required
	DCS-140A	
	DCS-141B	
	DCS-142A	
	DCS-145B	
*	DCS-145 Appendix A	
	DCS-146B	
	DCS-148B	
	DCS-149F	
	DCS-150B	
	DCS-151A	
	DCS-152C	
	DCS-153D	
	DCS-154C	
	DCS-155C	
	DCS-156B	
	DCS-157A	
	DCS-158A	
	DCS-159A	Cancelled
	DCS-161C	
	DCS-162A	
	DCS-163D	
	DCS-164A	Cancelled
	DCS-165C	
	DCS-166A	
	DCS-167A	
	DCS-168A	
	DCS-169B	
	DCS-170A	
	DCS-171A	
	DCS-172B	
	DCS-173E	
	DCS-174C	
	DCS-174 App. DR	
	DCS-175A	
	DCS-176B	
	DCS-177A	
	DCS-178G	
	DCS-179A	
	DCS-181A	
	DCS-182A	
	DCS-183A	
	DCS-184B	
	DCS-186B	
*	DCS-187C	
*	DCS-189A	Cancelled
	DCS-190A	
	DCS-191A	
	DCS-193A	
	DCS-194B	
	DCS-195A	
	DCS-196A	
	DCS-300A	Cancelled
	DCS-302A	Obsoleted
	DCS-303G	Cancelled
	DCS-304E	

Eddy Current Standards	
	ECS-Master-B
	ECS-1D
	ECS-2B
	ECS-3A
	ECS-4C
	ECS-5C
	ECS-6C
	ECS-7C
	ECS-8C
	ECS-9D
	ECS-10F
	ECS-11C
	ECS-12B
	ECS-15C
	ECS-16B
	ECS-18F
	ECS-20B
	ECS-21A
	ECS-22D
	ECS-23A

QUALITY STNDS

ECS-24A	Obsoleted - No longer required
ECS-25A	Obsoleted - No longer required
ECS-26A	Obsoleted - No longer required
ECS-27A	Obsoleted - No longer required
ECS-28B	Obsoleted - No longer required
ECS-29C	Obsoleted - No longer required
ECS-30B	Obsoleted - No longer required
ECS-31A	Obsoleted - No longer required
ECS-32A	Obsoleted - No longer required
* ECS-33C	
ECS-34A	Obsoleted - No longer required
ECS-35G	
ECS-36A	Cancelled
ECS-37B	Obsoleted - No longer required
ECS-38B	Obsoleted - No longer required
ECS-42B	Cancelled
ECS-43A	
ECS-44E	
ECS-45F	
ECS-46D	
ECS-47C	
ECS-48C	
ECS-49D	
ECS-50F	
ECS-51A	
ECS-52C	
ECS-53A	
ECS-54A	
ECS-55A	
ECS-300A	
ECS-301E	

Etch Inspection Standards	
EIS-Master-M	
EIS-1D	
EIS-2H	
EIS-3A	Obsoleted-No longer required
EIS-4A	Obsoleted-No longer required
EIS-5B	
EIS-6B	
EIS-7A	Obsoleted-No longer required
EIS-9	Obsoleted-Use GSS-16
EIS-10B	Obsoleted-Use GSS-17
EIS-12	Cancelled
EIS-13W	
EIS-14C	Cancelled
EIS-15M	
EIS-17F	
EIS-19F	
EIS-20A	
EIS-21B	
* EIS-100A	Cancelled
EIS-300A	Cancelled
EIS-302	Obsoleted-Use GSS-303
EIS-370	Cancelled-Use Rolls-Royce QAS Z.16
EIS-371A	Obsoleted-No further requirements

Fracture Critical Parts Standards	
FCPS-1E	
FCPS-2H	
FCPS-3A	

Fluorescent Penetrant Standards	
FPS-Master-W	
FPS-1A	Obsoleted-No further requirements
FPS-2B	Obsoleted-No further requirements
FPS-3B	Obsoleted-No further requirements
FPS-4	Obsoleted
FPS-5N	Obsoleted-No further requirements
FPS-6	Obsoleted-Use FPS-37
FPS-7A	Obsoleted-F100 PW-229 Diffuser Cases
FPS-8	Obsoleted
FPS-9A	Cancelled-Use FPS-37
FPS-10D	
FPS-12D	
FPS-14F	Cancelled
FPS-15	Cancelled
FPS-16E	Cancelled-Use FPS-38 Code C
FPS-17L	Cancelled
FPS-18N	
FPS-19C	Cancelled-Use FPS-38
FPS-20D	
FPS-21	Obsoleted
* FPS-22C	
FPS-23	Obsoleted
FPS-24G	
FPS-25C	
FPS-26D	
FPS-27B	Cancelled
FPS-28B	Cancelled

QUALITY STNDS

FPS-30H	
* FPS-31D	
FPS-32C	
FPS-33E	
FPS-34D	
FPS-35A	Cancelled
FPS-36C	Cancelled
* FPS-37V	
FPS-38M	Redacted
FPS-39C	Cancelled
FPS-40D	Cancelled-Use FPS-38 Code A
FPS-41J	Redacted
FPS-42A	Cancelled
FPS-43A	Cancelled
FPS-44A	
FPS-45A	Cancelled
FPS-46N	Redacted
FPS-47M	Redacted
FPS-49K	
FPS-51A	Obsoleted-No further requirements
FPS-52A	
FPS-53A	
FPS-54B	
FPS-55A	Obsoleted-Use FPS-38
FPS-56A	Cancelled-Use FPS-24
FPS-58B	Cancelled-No further requirements
FPS-59B	
FPS-61H	
FPS-62D	Cancelled-Use FPS-38 Code B
FPS-63A	Cancelled-No further requirements
FPS-64E	
* FPS-65D	
FPS-67D	
FPS-68C	
FPS-69B	
FPS-71J	
FPS-72G	Cancelled-Use FPS-71
FPS-73B	Cancelled-Use FPVS-16
* FPS-74C	
FPS-75A	Obsoleted-No further requirements
FPS-77E	Cancelled
FPS-78A	
FPS-79E	
FPS-80D	
FPS-81C	Cancelled-Use FPVS-10
FPS-83D	Cancelled-Use FPVS-21 Sec.II
FPS-84C	
FPS-86A	Cancelled-No longer used
FPS-87D	
FPS-88C	
FPS-89B	
FPS-90A	
FPS-91A	
FPS-92C	Cancelled-Use FPS-38
FPS-93B	Cancelled-Use FPS-47
FPS-94A	Cancelled-Use FPVS-23
FPS-95B	Cancelled-Use FPS-46
FPS-96J	
FPS-97A	Cancelled-Use FPS-87
FPS-98B	
FPS-99A	Cancelled-Use FPVS-16
FPS-100G	
FPS-102D	
FPS-105D	
FPS-106B	
FPS-107B	
FPS-108B	
FPS-200A	Cancelled
FPS-201B	Cancelled
FPS-300B	
FPS-301C	
FPS-302B	
FPS-304B	Cancelled
FPS-305G	Cancelled-Use FPVS-8
FPS-306T	
FPS-307C	Obsoleted-Use FPVS-4
FPS-308D	
FPS-309M	Cancelled-Use FPVS-4
FPS-310B	
FPS-312E	Cancelled-Use FPS-306
FPS-313A	Cancelled
FPS-370A	Obsoleted-No further requirements
FPS-371A	Obsoleted-No further requirements
FPS-372A	Obsoleted-No further requirements
FPS-373A	Obsoleted-No further requirements
FPS-374A	Obsoleted-No further requirements
FPS-701B	Cancelled
FPS-703A	Cancelled
FPS-704A	Cancelled
FPS-705A	Cancelled
FPS-706A	Cancelled
FPS-707A	Obsoleted-No further requirements
FPS-708A	Obsoleted-No further requirements

QUALITY STNDS

	FPS-709H	
	FPS-A-Vendor A	
	FPS INDEX	Cancelled-No further requirements

Fluorescent Penetrant and/or Visual Inspection Standards		
	FPVS-1G	
	FPVS-2T	
	FPVS-3A	Cancelled-Use FPS-98 and VIS-438
	FPVS-4C	
	FPVS-5A	
	FPVS-6E	
	FPVS-7A	
	FPVS-8A	
	FPVS-9D	
	FPVS-10M	
	FPVS-11E	
	FPVS-13E	Redacted
	FPVS-14B	Cancelled-Use MTP20 and MTP54
	FPVS-15E	
	FPVS-16A	
	FPVS-17B	Cancelled-Use MTP73
	FPVS-18E	
	FPVS-19F	
	FPVS-20C	Redacted
*	FPVS-21A	
	FPVS-23C	
*	FPVS-24A	

Frequency Standards		
	FS-1C	

Grain Size Standards		
	GSS-Master-D	
	GSS-3C	
	GSS-4A	Obsoleted-No further requirements
	GSS-5	Obsoleted-Use GSS-12
	GSS-6	Obsoleted-Use GSS-8
	GSS-7B	Obsoleted-No further requirements
	GSS-8R	
	GSS-11	Obsoleted-Use GSS-8
	GSS-12H	
	GSS-13A	Obsoleted-No further requirements
	GSS-14B	Cancelled
	GSS-15A	Obsoleted-No further requirements
	GSS-16B	
	GSS-17C	
	GSS-18E	
	GSS-19B	Cancelled-Use EIS-17
	GSS-21C	
	GSS-22B	
	GSS-23A	
	GSS-24B	
	GSS-25E	
	GSS-26B	
	GSS-27B	
	GSS-29A	Cancelled-Use GSS-25
	GSS-30A	Cancelled-Use MTU Spec MTP 118
	GSS-31A	
	GSS-33A	
	GSS-34B	
	GSS-35B	
	GSS-300C	Cancelled
	GSS-301C	Redacted
	GSS-302G	
	GSS-303C	
	GSS-304A	Cancelled

Industrial Inspection Standards		
	IIS-1001A	Cancelled
	IIS-1002A	Cancelled
	IIS-1003A	Cancelled
	IIS-1004A	Cancelled
	IIS-1005A	Cancelled
	IIS-1006B	Cancelled
	IIS-1007A	Cancelled
	IIS-1008A	Cancelled
	IIS-1009A	Cancelled
	IIS-1010A	Cancelled
	IIS-1012A	Cancelled
	IIS-1013A	Cancelled

Magnetic Particle Standards		
	MPS-Master-F	
	MPS-4J	
	MPS-5	Obsoleted-No further requirements
	MPS-6	Cancelled
	MPS-7	Cancelled
	MPS-8	Cancelled

QUALITY STNDS

	MPS-9	Cancelled
	MPS-10	Cancelled
	MPS-11	Cancelled
	MPS-12	Cancelled
	MPS-13B	
	MPS-15	Cancelled
	MPS-16	Cancelled
	MPS-17	Cancelled
	MPS-18	Cancelled
	MPS-19A	Obsoleted-No further requirements
	MPS-20C	
	MPS-24A	Obsoleted-Use MPS-115
	MPS-25D	
	MPS-27A	Obsoleted-Use MPS-115
*	MPS-29B	
	MPS-31A	
	MPS-33B	
	MPS-34B	Obsoleted-No further requirements
	MPS-35A	Obsoleted-Use MPS-115
	MPS-37A	Obsoleted-Use MPS-115
	MPS-38A	Obsoleted-Use MPS-115
	MPS-43	Cancelled
	MPS-44B	
	MPS-47C	
	MPS-48A	Obsoleted-Use MPS-47
	MPS-50A	Obsoleted-Use MPS-115
	MPS-51A	Obsoleted-Use MPS-115
	MPS-52A	Obsoleted-Use MPS-115
	MPS-56A	Obsoleted-Use MPS-115
*	MPS-62C	
	MPS-64B	Obsoleted-No further requirements
	MPS-65	Obsoleted-Use MPS-115
	MPS-69	Obsoleted
	MPS-70A	Obsoleted-Use MPS-115
	MPS-71A	Obsoleted-Use MPS-115
	MPS-72A	Obsoleted-Use MPS-115
	MPS-73D	
	MPS-74B	
	MPS-75A	
	MPS-77B	Obsoleted-No further requirements
	MPS-81B	
	MPS-83B	
	MPS-84C	
	MPS-85B	
	MPS-88B	Obsoleted-Use MPS Master
	MPS-92	Cancelled
	MPS-93B	Cancelled
	MPS-96C	
	MPS-97	Obsoleted
	MPS-98	Obsoleted
	MPS-99	Obsoleted
	MPS-100	Cancelled
	MPS-101B	
	MPS-103B	
	MPS-104A	Obsoleted-Use MPS-103
	MPS-105A	Obsoleted-Use MPS-103
	MPS-106B	Obsoleted-No further requirements
	MPS-107A	Obsoleted-Use MPS-29 and MPS-111
	MPS-108B	Cancelled-No further requirements
	MPS-109C	Cancelled
	MPS-110	Obsoleted
	MPS-111F	
	MPS-112A	
	MPS-113B	Obsoleted-No further requirements
	MPS-114A	Obsoleted-No further requirements
	MPS-115B	
	MPS-116A	
	MPS-117A	
	MPS-118A	
	MPS-119A	
	MPS-200A	Cancelled-No further requirements
	MPS-370A	Cancelled-No further requirements
	MPS-371A	Cancelled-No further requirements
	MPS-372B	Cancelled-No further requirements
	MPS-701A	Cancelled
	MPS-A-Vendor A	Obsoleted-No further requirements
	MPS-B-Vendor B	Obsoleted-No further requirements
	MPS-C-Vendor A	Obsoleted-No further requirements
	MPS-D-Vendor A	Obsoleted-No further requirements
	MPS-E-Vendor A	Cancelled-Refer to MPS-M
	MPS-F-Vendor A	Obsoleted-No further requirements
	MPS-G-Vendor A	Obsoleted-No further requirements

Neutron Radiographic Standards	
	NRS-1A

Supplemental Acceptance Standards	
*	SAS-1T
	SAS-2N
	SAS-3E
	SAS-4D

QUALITY STNDS

SAS-5G	Cancelled-Use VIS-544
SAS-6G	Cancelled-Use VIS-544
SAS-7A	
SAS-8A	Cancelled
SAS-9A	Cancelled-Use VIS-352
SAS-10C	Cancelled-Use VIS-544
SAS-12A	
SAS-13A	
SAS-14AB	
SAS-15A	Cancelled
SAS-16B	
SAS-17A	
SAS-18E	
SAS-20B	Cancelled
SAS-22B	Cancelled
SAS-23A	
SAS-25A	
SAS-27A	Cancelled
SAS-29B	
SAS-30B	
SAS-31B	
SAS-32A	Cancelled
SAS-37A	
SAS-38B	
SAS-39B	
SAS-41A	
SAS-42A	
SAS-43A	
SAS-44B	
SAS-45A	
SAS-46A	
SAS-49C	
SAS-50B	
SAS-51B	
SAS-52A	
SAS-53A	
SAS-54C	
SAS-55A	
SAS-56A	
SAS-57A	
SAS-58A	
SAS-62A	
SAS-63A	

Surface Finish Standards	
SFS-Preface A	
SFS-3A	Cancelled
SFS-5	Cancelled
SFS-11	Cancelled
SFS-18A	Cancelled
SFS-19C	Cancelled
SFS-21A	Cancelled
SFS-22B	Cancelled-Use PWA 362-1
SFS-23D	Cancelled-Use PWA 362-13
SFS-24A	Cancelled-Use PWA 362-2
SFS-25F	Cancelled-Use PWA 362-10
SFS-26C	Cancelled-Use PWA 362-5
SFS-27C	Cancelled-Use PWA 362-3 and PWA 362-4
SFS-28B	Cancelled-Use PWA 362-18
SFS-29B	Cancelled-Use PWA 362-8
SFS-30B	Cancelled-Use PWA 362-8
SFS-31B	Obsoleted-No further requirements
SFS-32B	Obsoleted-No further requirements
SFS-33A	Obsoleted-No further requirements
SFS-34B	Obsoleted-No further requirements
SFS-35A	Obsoleted-No further requirements
SFS-36B	Obsoleted-No further requirements
SFS-37B	Obsoleted-No further requirements
SFS-38B	Obsoleted-No further requirements
SFS-39C	Obsoleted-No further requirements
SFS-45A	Cancelled-Use PWA 362-19
SFS-46A	Cancelled-Use PWA 362-19
SFS-54A	Cancelled
SFS-57A	Cancelled
SFS-59A	Cancelled
SFS-66D	Cancelled-Use PWA 362-15
SFS-67B	Cancelled-Use PWA 362-19
SFS-68D	
SFS-70B	Cancelled-Use PWA 362-20
SFS-71D	
SFS-74A	Cancelled
SFS-75C	Cancelled
SFS-76C	
SFS-77A	Cancelled-Use PWA 362-6
SFS-78B	Cancelled-Use PWA 362-1
SFS-79B	Cancelled-Use PWA 362-23
SFS-80E	Cancelled-Use PWA 362-10
SFS-81C	
SFS-82C	Cancelled
SFS-83E	Cancelled-Use PWA 362
SFS-84A	Cancelled-Use PWA 362-16
SFS-85E	Cancelled-Use PWA 362-11

QUALITY STNDS

SFS-87E	Cancelled-Use PWA 362-9
SFS-88B	Cancelled
SFS-89A	Obsoleted-No further requirements
SFS-90A	Obsoleted-No further requirements
SFS-91B	
SFS-92A	Cancelled-Use PWA 362-15
SFS-93A	Cancelled-Use PWA 362-21
SFS-94D	Obsoleted-No further requirements
SFS-95D	Obsoleted-No further requirements
SFS-96D	Obsoleted-No further requirements
SFS-97B	Obsoleted-No further requirements
SFS-98A	Cancelled-Use PWA 362-7
SFS-99	Obsoleted-No further requirements
SFS-100A	Cancelled-Use PWA 362-17
SFS-101A	Cancelled-Use PWA 362-12
SFS-102A	Cancelled-Use PWA 362-14
SFS-103A	

Sonic Inspection Standards	
* SIS-Master-E	
SIS-1B	Cancelled-Use SIS-MASTER
SIS-2B	Cancelled-Use SIS-MASTER
SIS-3B	Cancelled-Use SIS-MASTER
SIS-4C	Cancelled-Use SIS-MASTER
SIS-5B	Cancelled-Use SIS-MASTER
SIS-6E	
SIS-7B	Cancelled-Use SIS-MASTER
SIS-9A	Obsoleted-No further requirements
SIS-10A	Obsoleted-No further requirements
SIS-11C	Cancelled-Use SIS-26
SIS-12E	Cancelled-Use SIS-322 Code 16
SIS-13C	
SIS-14	Obsoleted
SIS-15A	
SIS-16D	
SIS-17B	
SIS-18D	
SIS-19C	
SIS-20A	
SIS-21D	
SIS-22C	Cancelled-Use BIS-1
SIS-23B	
SIS-26C	
SIS-27C	Obsoleted-No further requirements
SIS-30A	Obsoleted-No further requirements
SIS-31A	Cancelled-Use SIS-MASTER
SIS-32B	
SIS-33E	Cancelled-Use SIS-322 Code 8 & SIS-322 Code 16
SIS-35B	Cancelled-Use SIS-322 Code 20
* SIS-39A	
SIS-40B	
SIS-42D	
SIS-43G	
SIS-44G	
SIS-45E	
SIS-47A	
SIS-48D	
SIS-49A	
SIS-50A	
SIS-101A	Cancelled
* SIS-302B	Redacted
SIS-303A	Obsoleted-Use SIS-MASTER
SIS-304C	
SIS-305B	
SIS-306A	Cancelled-See SIS-311
SIS-307B	
SIS-308A	Cancelled
SIS-309A	Cancelled-Use SIS-322 Code 16
SIS-310A	Obsoleted-No further requirements
SIS-311B	
SIS-313B	Obsoleted-No further requirements
SIS-314A	Cancelled-Use SIS-322 Code 32
SIS-315B	
SIS-316B	Cancelled-Use SIS-322 Code 16
SIS-318A	Cancelled-Use SIS-322 Code 16
SIS-322H	
SIS-323B	Cancelled
SIS-325B	
SIS-326E	
SIS-327G	
SIS-328B	
SIS-329B	
SIS-330B	
SIS-331A	
SIS-332A	
SIS-333A	
SIS-334	
SIS-370A	Obsoleted-No further requirements
SIS-371A	Obsoleted-No further requirements

Surface Tempter Standards	
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QUALITY STNDS

	STS-Master-C	
	STS-1A	Obsoleted-No further requirements
	STS-2B	Obsoleted-No further requirements
	STS-3A	Obsoleted-No further requirements
	STS-4B	Obsoleted-No further requirements
	STS-5B	Cancelled-Use STS-17 Code A
	STS-6A	Obsoleted-No further requirements
	STS-7A	Obsoleted-No further requirements
	STS-8B	Cancelled-Use STS-17 Code B
	STS-9B	Cancelled-Use STS-17 Code E
	STS-10A	Obsoleted-No further requirements
	STS-11A	Obsoleted-No further requirements
	STS-12B	Cancelled-Use STS-17 Code C
	STS-13B	Cancelled-Use STS-17 Code D
	STS-14A	
	STS-15A	
	STS-16A	Obsoleted-No further requirements
	STS-17B	
	STS-100B	Cancelled-No further requirements
	STS-A Vendor-C	Cancelled-Refer to STS-M

Visual Inspection Standards		
	VIS-Master AA	
	VIS-1A	Cancelled
	VIS-2A	Cancelled
	VIS-3A	Cancelled
	VIS-4AE	Redacted
	VIS-5A	Obsoleted
	VIS-6A	Obsoleted
	VIS-7T	
	VIS-10	Cancelled
	VIS-11E	Cancelled-Use VIS-21
	VIS-12J	
	VIS-14L	
	VIS-15C	Cancelled-Use MM-148
	VIS-16AC	Cancelled-Use VIS-544
	VIS-18D	Cancelled-Use VIS-23
	VIS-19B	Obsoleted-Use VIS-53
	VIS-20A	Obsoleted
	VIS-21V	Redacted
	VIS-22J	
	VIS-23AC	
	VIS-24B	Obsoleted-No further requirements
	VIS-25A	Cancelled-Use PWA-362 (pg.3&4)
	VIS-26B	Obsoleted-No further requirements
	VIS-27E	Redacted
	VIS-28C	
	VIS-29E	
	VIS-30R	
	VIS-31B	Obsoleted
	VIS-32D	
	VIS-33B	
	VIS-34A	Obsoleted
	VIS-35A	Obsoleted
	VIS-36D	Obsoleted
	VIS-37P	Cancelled-Use VIS-114
	VIS-38B	Obsoleted
	VIS-39J	Redacted
	VIS-40B	Obsoleted-No further requirements
	VIS-41B	Obsoleted
	VIS-43B	
	VIS-44C	
	VIS-45GH	
	VIS-46M	Redacted
	VIS-48	Obsoleted
	VIS-49A	Obsoleted
	VIS-50G	
	VIS-51	Obsoleted
	VIS-52B	Obsoleted
	VIS-53H	
	VIS-54	Obsoleted
	VIS-55	Obsoleted
	VIS-56A	Obsoleted
	VIS-57A	Obsoleted
	VIS-58H	
	VIS-60B	Obsoleted
	VIS-61	Obsoleted
	VIS-62C	
	VIS-63A	
	VIS-64B	Obsoleted
	VIS-65C	
	VIS-66G	
	VIS-67C	Redacted
	VIS-68C	Cancelled-Use VIS-109
	VIS-70B	Obsoleted
	VIS-71A	Obsoleted
	VIS-72K	
	VIS-73A	Obsoleted
	VIS-74E	
	VIS-75	Obsoleted
	VIS-77A	Obsoleted
	VIS-79	Obsoleted

QUALITY STNDS

VIS-82A	Obsoleted
VIS-83J	Cancelled-Use VIS-103
VIS-84C	Obsoleted-Use VIS-12
VIS-85B	
VIS-86A	Obsoleted-No further requirements
VIS-88B	
VIS-89B	
VIS-90A	
VIS-91L	Cancelled-Use VIS-454 Code A
VIS-92A	Obsoleted
VIS-93A	
VIS-94K	
VIS-97A	
VIS-98B	
VIS-99F	
VIS-100B	
VIS-101A	Cancelled-Use VIS-454
VIS-103AE & App.	Redacted
VIS-104E	
VIS-105B	
VIS-107A	Obsoleted-No further requirements
VIS-108G	
VIS-109F	Redacted
VIS-110D	Cancelled
VIS-111C	Cancelled
VIS-112A	
VIS-113B	
VIS-114U	
VIS-115C	
VIS-116A	Obsoleted-No further requirements
VIS-117L	
VIS-119A	
VIS-120D	
VIS-121B	
VIS-123C	
VIS-124A	Obsoleted
VIS-125F	
VIS-126B	Obsoleted-Use VIS-FC-602
VIS-127F	Cancelled
VIS-129B	Cancelled (Parts for VIS-129 shall be inspected to VIS-
VIS-131F	
VIS-132C	
VIS-134A	Cancelled
VIS-135A	
VIS-136A	Obsoleted-No further requirements
VIS-138A	
VIS-139D	
VIS-140A	
VIS-141A	Cancelled-Use VIS-109
VIS-143N	
* VIS-144G	
* VIS-145A	
VIS-146A	Obsoleted
VIS-147B	
VIS-148A	Cancelled
VIS-149A	
VIS-150K	Redacted
VIS-151C	
VIS-152E	
VIS-153C	
VIS-154E	
VIS-155B	
VIS-158B	
VIS-159C	
VIS-160D	
VIS-161C	
VIS-163J	
VIS-165E	
VIS-166A	Obsoleted-No further requirements
* VIS-167G	
VIS-168A	Cancelled-No further requirements
VIS-174B	
VIS-175C	
VIS-176A	Obsoleted-No further requirements
VIS-177C	
VIS-178B	Cancelled-Use VIS-369 or VIS-493
VIS-179A	Cancelled-Use VIS-369
VIS-180A	
VIS-181A	Cancelled-Use VIS-183
VIS-182H	
VIS-183B	
VIS-184C	
VIS-185A	Obsoleted-No further requirements
VIS-186E	
VIS-187D	
VIS-188C	
VIS-189A	
VIS-190C	
VIS-191A	
VIS-194A	Cancelled
VIS-195C	Cancelled
VIS-196B	Cancelled
VIS-197G	

QUALITY STNDS

* VIS-198B	
VIS-199A	Cancelled
VIS-200B	Cancelled
VIS-201C	
VIS-203C	
VIS-204C	Cancelled-Use VIS-184
VIS-205A	Cancelled-Use VIS-235
VIS-206C	
VIS-207A	Cancelled
VIS-208A	
VIS-209C	
VIS-210B	
VIS-211B	
VIS-212H	
VIS-213G	
VIS-214C	Cancelled-Use VIS-544
VIS-215B	Cancelled-Use VIS-271
VIS-216A	Cancelled
VIS-217C	
VIS-218A	
VIS-219A	
VIS-220A	
VIS-221B	
VIS-223E	
VIS-224A	
VIS-225C	
VIS-226H	Redacted
VIS-227C	
VIS-228B	
VIS-229G	
VIS-230G	Redacted
VIS-231A	Cancelled-Use VIS-544
VIS-233B	Cancelled-Use FPVS-16
VIS-234D	
VIS-235F	
VIS-236A	Obsoleted-No further requirements
VIS-237A	
VIS-238L	
VIS-239B	Cancelled-Use VIS-105
VIS-243B	Cancelled-Use VIS-408
VIS-245A	
VIS-246D	
VIS-247A	
VIS-250A	
VIS-251A	Cancelled
VIS-252J	Redacted
VIS-253F	Cancelled-Use VIS-544
VIS-254A	
VIS-255A	
VIS-256G	
VIS-258B	
* VIS-259C	
VIS-260B	
VIS-262A	
VIS-263C	Cancelled-Use VIS-544
VIS-265C	Cancelled-Use VIS-485
VIS-266B	
VIS-267E	
VIS-268D	
VIS-269D	
* VIS-271D	
VIS-272A	
VIS-273B	
VIS-274A	
VIS-277B	Cancelled-Use VIS-454 Code B
VIS-279A	Cancelled-No longer used
VIS-281E	
VIS-282E	Cancelled-Engines for which VIS-282 is specified shall
VIS-283C	Cancelled-Engines for which VIS-283 is specified shall
VIS-284D	Cancelled-Engines for which VIS-284 is specified shall
VIS-285D	Cancelled-Engines for which VIS-285 is specified shall
VIS-286V	Redacted
VIS-287A	
VIS-288C	
VIS-290F	
VIS-291A	
VIS-292C	Cancelled-Engines for which VIS-292 is specified shall
VIS-293G	
VIS-294A	Cancelled
VIS-295A	
VIS-296A	
VIS-297A	Cancelled-Use VIS-258
VIS-298G	
VIS-299A	
VIS-300B	
VIS-301D	
VIS-302B	
VIS-304B	
VIS-305B	
VIS-306B	
VIS-308B	
VIS-309D	
VIS-310B	

QUALITY STNDS

VIS-311H	
VIS-313C	Cancelled-No further requirements
VIS-315A	Obsoleted-No further requirements
VIS-316C	
VIS-317C	Obsoleted-No further requirements
VIS-318C	
VIS-319A	Obsoleted-No further requirements
VIS-320	Obsoleted
VIS-321C	
VIS-322W	
VIS-323J	Cancelled-Use VIS-322
VIS-325L	
VIS-327A	Obsoleted- Use PWA-349
VIS-328G	
VIS-329D	Cancelled-Use VIS-108
VIS-333A	Cancelled-Use MCL Manual
VIS-335B	
VIS-337D	
VIS-341D	Cancelled-Use FPVS-4
VIS-343A	
VIS-344B	Cancelled-Use VIS-229
VIS-347C	
VIS-348D	Cancelled-Use VIS-518
VIS-349H	Cancelled-Use VIS-544
VIS-350E	
VIS-351A	Obsoleted
VIS-352C	
VIS-353C	Cancelled-Use FPVS-21 Sec. I & II
VIS-356A	
VIS-357B	
VIS-359C	Cancelled-Use VIS-544
VIS-360A	
VIS-361A	
VIS-363B	
VIS-364A	
VIS-365C	
VIS-366B	
VIS-369T	
VIS-370A	Cancelled-No further requirements
VIS-371A	Cancelled-No further requirements
VIS-372A	Cancelled-No further requirements
VIS-373B	Cancelled-No further requirements
VIS-374A	Cancelled-No further requirements
VIS-375A	Cancelled-No further requirements
VIS-376A	Cancelled-No further requirements
VIS-377A	Cancelled-No further requirements
VIS-378C	Cancelled-No further requirements
VIS-379B	Cancelled-No further requirements
VIS-380D	Cancelled-No further requirements
VIS-381C	Cancelled-No further requirements
VIS-382D	Cancelled-No further requirements
VIS-383A	Cancelled-No further requirements
VIS-384C	Cancelled-No further requirements
VIS-385B	Cancelled-No further requirements
VIS-386B	Cancelled-No further requirements
VIS-387B	Cancelled-No further requirements
VIS-388D	Cancelled-No further requirements
VIS-390D	Cancelled-No further requirements
VIS-400C	
VIS-401A	
VIS-402A	
VIS-403D	
VIS-404A	Cancelled-PW 404 Engine Fabricated Sheet Metal Parts
VIS-406A	
VIS-407A	
VIS-408E	
VIS-409B	
VIS-410C	
VIS-411N	
VIS-412D	
VIS-413A	Cancelled-Use VIS-544
VIS-414B	Cancelled-Use VIS-23
VIS-415A	Cancelled-Use VIS-109
VIS-416A	
VIS-417A	Cancelled-Use VIS-226 Code A Limits
VIS-418A	Cancelled-Use FPVS-21
VIS-419A	
VIS-420H	
VIS-421A	Cancelled-Use VIS-103
VIS-422B	
VIS-424A	Cancelled-No further requirements
VIS-425B	
VIS-426A	Cancelled-Use VIS-4
VIS-428A	
VIS-429B	Cancelled-No further requirements
VIS-431D	Cancelled-Use VIS-544
VIS-432C	
VIS-433B	Cancelled
VIS-434A	
VIS-435B	
VIS-436B	
VIS-438A	
VIS-439A	Cancelled-Use VIS-454 Code A

QUALITY STNDS

VIS-440A	Cancelled-Use FPVS-16
VIS-442A	
VIS-443F	
VIS-444B	Cancelled-Use VIS-163
VIS-445C	Cancelled-Use VIS-286
VIS-446D	
VIS-447B	Cancelled-Use VIS-72
VIS-448A	Cancelled-Use VIS-544
VIS-449A	Cancelled-Use VIS-454 Code B
VIS-450C	Cancelled-No further requirements
VIS-451A	Cancelled-No further requirements
VIS-452A	Cancelled
VIS-453B	
VIS-454K	Redacted
VIS-455A	
VIS-456A	
VIS-457B	
VIS-458A	
* VIS-459B	
VIS-460A	Obsoleted-No further requirements
* VIS-467B	
VIS-468A	Cancelled-No further requirements
VIS-469A	Cancelled-No further requirements
VIS-470A	Cancelled-No further requirements
VIS-471A	Cancelled-No further requirements
VIS-472B	Cancelled-No further requirements
VIS-473B	Cancelled-No further requirements
VIS-474C	
VIS-475D	
VIS-476C	
VIS-478A	Cancelled-Use VIS-99
VIS-479A	
VIS-480B	
VIS-481F	
VIS-482A	Cancelled-No further requirements
VIS-483B	
VIS-484A	
VIS-485G	
VIS-486A	
VIS-488B	
VIS-489A	Cancelled-No further requirements
VIS-492A	Cancelled-No further requirements
VIS-493H	
VIS-494A	Cancelled-Use MTP-40
VIS-495D	
VIS-496B	
VIS-497I	
VIS-500-1B	Cancelled-No further requirements
VIS-500-2B	Cancelled-No further requirements
VIS-500-3A	Cancelled-No further requirements
VIS-500-4A	Cancelled-No further requirements
VIS-501A	
VIS-503B	
VIS-504A	
VIS-505D	Redacted
VIS-506E	
VIS-508A	
VIS-509F	
VIS-510A	
VIS-511E	
VIS-512B	
VIS-513D	
VIS-515C	
VIS-516A	
VIS-517B	
VIS-518A	
VIS-519A	
VIS-520A	
VIS-521B	
VIS-522A	
VIS-523K	
* VIS-525J	
VIS-526G	
VIS-527L	
VIS-528C	Cancelled-Use VIS-544
VIS-529A	
VIS-530D	
VIS-531C	
VIS-532A	
VIS-533B	
VIS-534A	
VIS-535A	
VIS-536B	
VIS-537A	
VIS-538A	Redacted
VIS-541A	
VIS-542C	Cancelled-Use VIS-544
VIS-543J	
VIS-544H	Redacted
* VIS-545D	
VIS-546F	Redacted
VIS-547E	
VIS-548A	

QUALITY STNDS

VIS-549J	
VIS-550B	
VIS-552B	
VIS-553A	
VIS-554D	
VIS-555E	
VIS-556A	
VIS-557B	
VIS-558A	
VIS-559C	
VIS-560A	
VIS-561C	
VIS-563C	
VIS-564A	
VIS-565A	
VIS-566B	
VIS-567A	
VIS-568A	
VIS-569B	
VIS-570E	Redacted
VIS-571B	
VIS-572B	
VIS-573F	
VIS-574C	
VIS-575A	
VIS-576N	
VIS-578B	
VIS-579A	
VIS-581A	
VIS-583B	
VIS-584C	
VIS-585A	
VIS-586A	
VIS-588B	
VIS-590A	
VIS-591B	
VIS-592B	
VIS-593C	
VIS-594B	
VIS-595A	
VIS-596A	
VIS-597A	
VIS-598E	
VIS-599B	
VIS-600F	
VIS-601C	
VIS-602A	
VIS-603A	
VIS-606A	
VIS-607A	
VIS-608B	
VIS-609A	
VIS-610A	
VIS-611A	
VIS-613D	
VIS-614A	
VIS-615A	
VIS-616A	
VIS-617A	
VIS-618B	
VIS-620C	
VIS-622A	
VIS-626	
VIS-627	
VIS-703B	Cancelled
VIS-704B	
VIS-705A	

Radiographic Inspection Standards	
XRS-Master-N	
XRS-B	Cancelled-Use XRS-Master
XRS-2D	
XRS-3	Obsoleted
XRS-4B	
XRS-5	Obsoleted
XRS-6P	Cancelled-Use XRS-99
XRS-7	Obsoleted
XRS-8	Obsoleted
XRS-9	Cancelled-Use XRS-Master
XRS-10	Obsoleted-Use XRS-20
XRS-11	Obsoleted-Use PWA-321 or PWA-331
XRS-12B	
XRS-13	Obsoleted
XRS-14	Cancelled-Use XRS-31
XRS-15B	
XRS-16A	Obsoleted-Use PWA-321 or PWA-331
XRS-17G	Redacted
XRS-18E	
XRS-19A	Cancelled
XRS-20H	
XRS-21B	
XRS-22	Obsoleted

QUALITY STNDS

XRS-23g	
XRS-24	Obsoleted-Use XRS-23
XRS-25A	Cancelled
XRS-26	Cancelled-Use XRS-20
XRS-27D	
XRS-28B	Obsoleted-No further requirements
XRS-29B	Obsoleted-No further requirements
XRS-30	Cancelled-Use XRS-20
XRS-31D	
XRS-32M	
XRS-33N	
XRS-34B	Obsoleted-No further requirements
XRS-35D	Obsoleted-No further requirements
XRS-36	Cancelled
XRS-37A	Obsoleted-No further requirements
XRS-38A	Cancelled
XRS-39	Cancelled
XRS-40	Cancelled
XRS-41	Cancelled-Use XRS-707
XRS-42B	
XRS-43	Cancelled-Use XRS-45
XRS-44D	
XRS-45U	
XRS-46A	Obsoleted-No further requirements
XRS-47B	Obsoleted-No further requirements
XRS-48J	Cancelled-Use XRS-99
XRS-49C	
XRS-50B	
XRS-51D	
XRS-52F	
XRS-53B	Cancelled
XRS-56K	
XRS-57D	
XRS-58D	Obsoleted-No further requirements
XRS-59B	
XRS-61E	Obsoleted-No further requirements
XRS-62A	Cancelled
XRS-63C	Cancelled
XRS-65B	
XRS-67A	
XRS-68G	
XRS-69C	
XRS-71E	
XRS-72B	
XRS-75A	Cancelled
XRS-77B	
XRS-78B	
XRS-80A	Cancelled-No Longer Used
XRS-81B	
XRS-82B	
XRS-83E	
XRS-84A	
XRS-85A	
XRS-87B	
XRS-88D	Cancelled-Use XRS-45
XRS-89B	
XRS-90B	
XRS-91C	
XRS-92A	
XRS-93A	
XRS-94B	
XRS-95A	Cancelled-See MTU specs MTP 20, MTP 73 and MTP
XRS-96A	
XRS-97A	Cancelled-See MTU spec MTP 21
XRS-98B	
XRS-99A	
XRS-100A	
XRS-101D	
XRS-102	Cancelled
XRS-103B	
XRS-106A	
XRS-107A	
XRS-108B	
XRS-109A	
XRS-201	Cancelled-Parts insp. to this std. inactive
XRS-202A	Cancelled-Parts insp. to this std. inactive
XRS-203B	Cancelled-Parts insp. to this std. inactive
XRS-204H	Cancelled-Parts insp. to this std. inactive
XRS-205F	Cancelled-Parts insp. to this std. inactive
XRS-206A	Cancelled-Parts insp. to this std. inactive
XRS-207A	Cancelled-Parts insp. to this std. inactive
XRS-208E	Cancelled-Parts insp. to this std. inactive
XRS-209D	Cancelled-Parts insp. to this std. inactive
XRS-210A	Cancelled-Parts insp. to this std. inactive
XRS-211A	Cancelled-Parts insp. to this std. inactive
XRS-212A	Cancelled-Parts insp. to this std. inactive
XRS-300D	
XRS-301B	Cancelled-Use XRS-306
XRS-302B	
XRS-303B	
XRS-304A	Cancelled-No Further Requirements
XRS-305B	
XRS-306D	

QUALITY STNDS

XRS-307C	
XRS-308B	Obsoleted-No further requirements
XRS-309A	Obsoleted-No further requirements
XRS-310B	Cancelled-Use XRS-Master
XRS-311B	Obsoleted-No further requirements
XRS-312A	Obsoleted-No further requirements
XRS-313C	
XRS-314G	
XRS-315G	
XRS-316J	
XRS-317D	
XRS-318D	
XRS-319E	
XRS-320B	Cancelled
XRS-321A	
XRS-322B	Cancelled
XRS-323C	
XRS-324D	Cancelled-Use XRS-96
XRS-325C	
XRS-327A	
XRS-370E	Obsoleted-No further requirements
XRS-701D	
XRS-702A	
XRS-706A	
XRS-707B	
XRS-708B	

* Revised Since Previous Edition of 7/21/2010
 *Added Since Last Edition of 7/21/2010
 Revision Date 8/2010



Subcontractor Responsibilities (SR)

SR-001A	SR-031C Cancelled
SR-002C Cancelled	SR-032C
SR-003B	SR-034B
SR-004 Cancelled	SR-035
SR-005F	SR-036G
SR-006	SR-037A Cancelled
SR-007A	SR-039A Cancelled
SR-008A	SR-040A Cancelled
SR-010	SR-041B Cancelled
SR-011C	SR-043C
SR-012B	SR-044C
SR-013B	SR-045A
SR-014D Cancelled	SR-046A
SR-015D	SR-047A Cancelled
SR-016A Cancelled	SR-048A Cancelled
SR-017A Cancelled	SR-049
SR-018E	SR-050B
SR-019A	SR-051B
SR-020A	SR-052A Cancelled
SR-021A	SR-054D
SR-022D Cancelled	SR-055A
SR-024A Cancelled	SR-056
SR-025C Cancelled	SR-057B
SR-026A Cancelled	SR-058A
SR-028A Cancelled	SR-059E
SR-029C Cancelled	SR-066
SR-030D Cancelled	SR-1001M

* Revised Since Previous Edition of 7/21/2010

+ Added Since Previous Edition of 7/21/2010

Revision Date 8/2010





Pratt & Whitney
A United Technologies Company

**MATERIALS CONTROL
LABORATORY**

Section: Manual Section Request Form
Form Number: MCLM650
Date Issue: 03/2008
Date Revised: 05/2008

Document Title: **REQUEST FOR MCL MANUAL SECTION**

Supplier Name: _____

Address: _____

Telephone: _____ Fax: _____

Supplier Contact: _____

Supplier E-mail address: _____

MCL Manual Section(s) Requested: _____

APPLICABILITY (to be completed by requestor)

Business case justification (P&W PO# or customer requiring "P&W end use") _____

Technical License#/ Export control (for foreign suppliers requesting MCL sensitive or export controlled manual sections) _____

STATUS OF REQUEST

	<u>Accepted</u>	<u>Rejected</u>	<u>Date</u>	<u>Reason for Rejection</u>
Request:	<input type="checkbox"/>	<input type="checkbox"/>	_____	

SQE: _____ Date: _____

Document to be sent by: _____

IF REQUEST IS COMPLETED BY INFOTECH

InfoTech Representative: _____

Date: _____