

# ***Specification Revision List***

***October 7, 2011***



***Pratt & Whitney***

Excel version of this document:

[http://www2.pratt-whitney.com/procurement/specrev/oct11/srl\\_current.xls](http://www2.pratt-whitney.com/procurement/specrev/oct11/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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PW Supplements to Aerospace Material Specifications	..... <a href="#">PWA-S / AMS</a>
P&W Quality Standards (BIS, CDS,...MPS...VIS, XRS)	..... <a href="#">QUALITY STNDS</a>
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## Links

[World Wide Procurement](#)  
[Pratt & Whitney](#)  
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Rev Date 10/2011

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&amp;W PART/MATERIAL NUMBER</u>	<u>PW PO/SA/QUOTE#</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**P&W Component Calibration Schedules - (CCS)**

	20B	21	24	33A	34A
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233A	240	244A	245	246	249
257	265	266	268	269B	271E
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360	363	365A	369	375	376
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386	389A	390	391	392	393
395C	401	402A	403	407F	412
427	431	433	437	440	441
442	444	448	454	455	461
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515B	521	525	528B	529	532
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563	566	568	571A	573C	574D
577	585	587	588	589	590
595A	597	599	608G	610H	615A
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645	649	650	652	662	664
665	666	674	675	677	678F
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689	695	696A	702	705	710H
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761B	762	769	771	772	774
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805A	807	808A	810	817	820
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906	908	911A	912	914A	915
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923	924	925	926A	928C	930B
931A	932	946	947A	948	949B
951	953A	957C	958B	959E	963
964	965B	966J	967E	969A	970
971	972	975	976A	977	978
979	980	981	983	984	985
997D	998A	999B	1000C	1001	1006C
1010B	1011	1012	1013B	1014	1016C
1018A	1019	1021	1022C	1024A	1025A
1026B	1027	1028	1030	1031	1032
1034F	1036C	1037C	1038D	1041C	1042C
1043C	1045	1052	1054	1055C	1056D
1057	1061C	1062A	1065	1071	1073B
1074C	1075C	1076A	1077	1079A	1080B
1081E	1082G	1084	1085B	1087	1088F
1089B	1090	1091	1092B	1093	1094E
1095B	1096C	1097	1099F	1100C	1101A
1104	1105	1106C	1107D	1108A	1109B
1110C	1111A	1112	1113	1114	1115
1116	1117				

\* Revised Since Previous Edition of 7/5/2011

+ Added Since Previous Edition of 7/5/11

Revision Date 10/2011

Updated Quarterly



**Engineering Instructions (EI) Florida**

*EI 283U	EI 501	EI 505A Deleted	EI 508	EI 512B
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\* Revised Since Previous Edition of 7/5/2011  
+ Added Since Previous Edition of 7/5/11  
Revision Date 10/2011  
Updated Quarterly



**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	8/25/2011
* Section I	8/25/2011
* Section II	8/25/2011
* Section IV	8/25/2011
* Section V	8/25/2011
Section VI	Cancelled
* Section IX	8/25/2011
Section IXb	Cancelled
* Section X	8/25/2011
Section XI	Cancelled
* Section XIV	8/25/2011

\* Revised Since Previous Edition of 7/5/2011  
+ Added Since Previous Edition of 7/5/11  
Revision Date 10/2011  
Updated Quarterly



**MISCELLANEOUS  
MCL MANUAL SECTIONS**

	<b>SECTION</b>	<b>REV. DATE</b>
	Preface	4/15/2007
#	Volume IV Contents	Remove
#	Volume IV-D Contents	Remove
#	Source Qualification List	9/22/2010
	P&W Rocketdyne Source Qualification List-(updated monthly=&)	11/6/2006
	Sensitive Index	4/1/2011
	All Purchased Parts Suppliers (canceled & incorporated into F-17)	Remove

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

	<b>SECTION</b>	<b>REV. DATE</b>
	A Contents	Remove
	A-1	9/9/2009
#	A-2	4/4/2011
	A-2 Supp A	8/6/2010
#	A-3	3/28/2011
#	A-4	3/17/2011
#	A-4 Supp 1	3/29/2011
#	A-4 Supp 2	2/5/2010
#	A-4 Supp 3A	3/29/2011
#	A-4 Supp 3B	4/4/2011
#	A-4 Supp 3C	8/31/2009
	A-4 Supp 3D	4/4/2011
#	A-4 Supp 4	4/4/2011
* #	A-5	8/11/2011
	A-6	2/24/2010
	A-6 Supp A	11/11/2009
	A-6 Supp B	11/11/2009
	A-6 Supp C	11/11/2009
	A-6 Supp D	11/11/2009
	A-6 Supp E	11/11/2009
	A-6 Supp F	11/11/2009
	A-6 Supp G	11/11/2009
	A-6 Supp H	7/29/2009
*	A-6 Supp I	8/16/2011
	A-6 Supp K	11/11/2009
	A-7	5/14/2010
	A-8	3/25/2011
	A-9	9/15/2010
	A-10	3/3/2010
	A-10 Supp A	3/11/2009
	A-10 Supp B	8/15/2008
	A-10 Supp C	2/12/2010
	A-13 Cancelled	8/26/2009

	A-13 Supp A Cancelled	8/26/2009
	A-100	5/8/2009

**C - SECTIONS**  
**Material Control Laboratory**  
**Internal Procedures**

	SECTION	REV. DATE
	C Contents	Remove
#	C-1	12/30/2004
	C-5	6/1/2009
	C-10	4/5/2011
	C-10 Supp A	12/18/2009
*	C-10 Supp B	8/22/2011
	C-10 Supp C	5/20/2010
	C-10 Supp D	8/11/209
	C-10 Supp F	1/28/2010
*	C-10 Supp G	8/19/2011
	C-21	6/19/2009
	C-39	1/28/2010
	C-54	1/6/2009
	C-55	6/1/2009
	C-55 Supp A	8/15/2008
	C-59	8/6/2010
	C-65	12/9/2009
	C-66	1/15/2010
	C-66 Supp A	3/11/2010
	C-67	3/8/2010
	C-68	6/19/2009
	C-68 Supp A	11/3/2009
	C-69	3/21/2011
	C-70	1/18/2010
	C-71 Cancelled	Remove
	C-72	12/3/2010
	C-73	5/11/2010
	C-74	2/18/2010

**E SECTIONS**  
**General Instructions for**  
**Mechanical and Metallurgical Test**

	SECTION	REV. DATE
* #	E-0	8/1/2011
	E-0 Supp B	12/10/2010
	E-0 Supp A1\$	5/11/2011
	E-0 Supp B	12/10/2010
	E-0 Supp C\$	4/5/2011
	E-0 Supp C1\$	5/11/2011
	E-0 Supp D	1/25/2010
*	E-0 Supp E \$	12/10/2010
	E-0 Supp F	4/5/11

Acceptance Standards

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	E Sections Ref. Cancelled	3/11/2009
	E-1	5/11/2011
	E-2	4/5/2011
	E-4	5/20/2011
	E-5	4/5/2011
	E-6	4/30/2002
*	E-12	7/8/2011
*	E-13	7/8/2011
	E-14	4/5/2011
	E-15	4/5/2011
	E-16	3/15/2002
* #	E-18 \$	8/1/2011
*	E-20	7/8/2011
	E-23 \$	4/6/2011
*	E-24 \$	8/15/2011
*	E-25	7/8/2011
*	E-27	7/8/2011
	E-28	9/30/2010
	E-32	4/6/2011
	E-33 \$	4/7/2011
	E-34	7/14/2010
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*	E-39	7/8/2011
*	E-39 Supp A	7/8/2011
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*	E-43 Supp A	7/8/2011
*	E-44	7/8/2011
	E-44 Supp A	8/15/2003
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*	E-46	7/8/2011
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*	E-53 Supp 1 \$	8/11/2011
*	E-53 Supp 2 \$	8/16/2011
*	E-53 Supp 5 \$	8/12/2011
*	E-53 Supp 7 \$	8/16/2011
*	E-53 Supp 10 \$	8/16/2011
*	E-53 Supp 12 \$	8/16/2011
*	E-53 Supp 13 \$	8/16/2011
*	E-53 Supp 14 \$	8/16/2011
*	E-53 Supp 15 \$	8/12/2011
*	E-53 Supp 16 \$	8/12/2011
*	E-53 Supp 17 \$	8/12/2011
*	E-53 Supp 18 \$	8/12/2011
*	E-53 Supp 20 \$	8/12/2011
*	E-53 Supp 21 \$	8/12/2011
*	E-53 Supp 22 \$	8/12/2011
*	E-53 Supp 33 \$	8/15/2011

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*	E-53 Supp 35 \$	8/15/2011
*	E-53 Supp 37 \$	8/15/2011
*	E-53 Supp 38 \$	8/15/2011
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*	E-53 Supp 78 \$	8/15/2011
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*	E-54 Supp A	7/28/2011
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*	E-55	7/28/2011
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*	E-106 \$	8/16/2011
*	E-107 \$	8/17/2011
*	E-110	8/17/2011
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*	E-116 \$	8/25/2011
*	E-117 \$	8/25/2011
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*	E-117 Supp C	8/25/2011
*	E-117 Supp D New Issue	8/25/2011
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* *	E-127 \$	8/12/2011
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*	E-224 §	8/30/2011
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	E-277 New	3/15/2010
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	E-279 New	4/15/2010
+	E-282 Initial Issue	6/10/2011
+	E-283 Initial Issue	6/10/2011

Mechanical & Metallurgical  
Test Methods

	<u>SECTION</u>	<u>REV. DATE</u>
	E-1000 \$	4/7/2011
	E-1000 Supp C	8/31/2005
	E-1000 Supp F	8/31/2005
	E-1000 Supp G	10/31/2004
	E-1000 Supp H	7/31/2006
	E-1000 Supp I	10/31/2004
	E-1000 Supp S	10/31/2004
	E-1001	10/31/2004
	E-1005	4/15/1994
	E-1008	2/15/2004
	E-1044	8/15/1996
	E-1071	4/20/2009
	E-1071A	4/20/2009
	E-1107	8/15/2001
	E-1107 Supp A	1/15/1998
	E-1108	10/15/2003
	E-1109	10/31/1999
	E-1110	3/31/2004
	E-1121	2/11/2009
	E-1141	7/15/2004
	E-1158 New Issue	11/3/2009
	E-1160	6/15/2006
	E-1173	8/15/2005
	E-1174	4/15/2000
	E-1175	8/15/2005

F SECTIONS  
Supplier Controls for Product  
and Product-Related Material

MCL Manual Sections

	Section	Rev. Date
	F Contents	Remove
#	F-Master	12/4/2009
#	F-1	8/18/2010
#	F-2	2/28/1999
#	F-3	4/4/2011
#	F-4	5/27/2010
	F-9	1/15/2009
#	F-11	5/6/2011
	F-11 Supp D	12/2/2010
#	F-12	3/16/2011
#	F-13	12/2/2010
#	F-14	12/2/2010
#	F-15	12/2/2010
#	F-16	4/6/2009
* #	F-17	7/12/2011
* #	F-17 Supp A	3/5/2010
#	F-22	12/3/2010
#	F-23	2/1/2011
* #	F-24	8/18/2011
	F-25	12/3/2010
#	F-26	1/25/2011
#	F-27	12/3/2010
#	F-28	5/25/2010
#	F-31	12/3/2010
	F-32	5/7/2009
#	F-36	12/1/2009
#	F-38	4/5/2011
* #	F-40	8/12/2011
	F-40 Supp A Cancelled	Remove
#	F-40 Supp B	5/27/2010
#	F-42	4/15/2009
#	F-43	8/2/2010
#	F-44	12/8/2010
#	F-45	12/16/2010
* #	F-46	7/26/2011
* #	F-46 Supp A	8/11/2011
#	F-52	12/7/2010
#	F-53 (Ref: POP 901)	12/7/2010
	F-54	2/14/2007
	F-56	7/9/2010
#	F-57	11/4/2009
#	F-57 Supp A	12/7/2010
* #	F-58	8/16/2011
#	F-60	12/7/2010
#	F-61	3/31/2010
#	F-62	8/11/2010
#	F-64	12/8/2010
#	F-65	12/8/2010
#	F-66	4/5/2011

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

Current Revisions for SSME F-54 Addenda Reside  
in the "Rocket Engineering Instruction (REI)"  
section of the Homepage.

APPENDIX – SECTIONS

	<u>SECTION</u>	<u>REV. DATE</u>
	App Contents	Remove
	App 29 Cancelled	7/21/2009
	App 32	2/7/2011
	App 35	4/3/2009
* #	<a href="#">App 36</a>	<a href="#">7/19/2011</a>
#	App 43 Cancelled	2/5/2010
	App 52	5/21/2010
* #	<a href="#">App 56</a>	<a href="#">8/5/2011</a>
#	App 60	11/30/2010
	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	11/4/2009
	J-1	4/7/2011
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	J-4	4/1/2009
	J-5	4/1/2009
	J-6	4/1/2009
	J-7	4/1/2009
	J-8	3/31/2009
	J-9	4/1/2009
	J-10	4/1/2009
	J-11	3/18/2011
	J-12	3/18/2011
	J-14	4/1/2009
	J-15	4/1/2009
	J-16	3/18/2011
	J-18	3/31/2009
	J-20	4/16/2009
	J-21	3/18/2011
	J-22	3/18/2011
	J-23	11/3/2009
	J-24	4/1/2009

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	J-25	4/1/2009
	J-27	4/1/2009
	J-28	11/4/2009
	J-29	4/1/2009
	J-30	4/1/2009
#	J-32	3/18/2011
	J-35	4/1/2009
	J-36	3/18/2011
	J-37	4/1/2009
	J-38	4/1/2009
	J-39	4/1/2009
	J-40	8/31/2009
	J-45	3/21/2011
	J-47	4/7/2009
	J-50	4/7/2009
	J-51	4/7/2009
	J-52	3/21/2011
	J-53	4/7/2009
	J-54	4/7/2009
	J-55	4/7/2009
	J-56	4/7/2009
	J-59	3/21/2011
	J-60	4/7/2009
	J-61	3/21/2011
	J-62	4/7/2009
	J-64	4/15/2009
	J-65	4/5/2011
	J-68	4/9/2009
	J-70	4/9/2009
*	J-71	6/28/2011
	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	4/14/2009
	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 Cancelled	4/15/2010
	J-107	4/16/2009
	J-109	5/1/2009

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	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
	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	5/1/2009
	J-120	4/16/2009
	J-121	6/15/1984
	J-122	4/16/2009
	J-123	4/16/2009
	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

	<u>SECTION</u>	<u>REV. DATE</u>
	K Contents	Remove
	K-4	12/8/2010
	K-5	12/9/2010
	K-6	3/21/2011
	K-13 Cancelled	9/26/2008
	K-14	12/9/2010
	K-15	3/21/2011
	K-17	12/9/2010
	K-19	12/9/2010
	K-24	3/21/2011
	K-33 Cancelled	Remove
	K-34	12/9/2010
	K-35	3/8/2011
	K-36	12/10/2010
	K-38	12/9/2010
	K-42	12/9/2010
	K-43 Cancelled	Remove
	K-45	12/10/2010
	K-50	12/10/2010
	K-55 Cancelled	9/26/2008
	K-56	12/10/2010
	K-58	12/10/2010
	K-61 Cancelled	Remove
*	K-62	6/21/2011
	K-65	12/10/2010

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	K-66	9/30/10 CANCELLED
	K-67	10/20/2009
	K-70	12/13/2010
	K-76	12/13/2010
	K-78	12/13/2010
	K-79	12/13/2010
	K-80	12/13/2010
	K-81 Cancelled	9/26/2008
	K-82	12/13/2010
	K-83 Cancelled	Remove
	K-85	10/9/2009
	K-86 cancelled	7/14/2010
	K-88 Cancelled	9/26/2008
	K-89	12/13/2010
	K-92	12/13/2010
	K-95	12/13/2010
	K-97	12/13/2010
	K-100	12/13/2010
	K-116 Cancelled	Remove
	K-119 Cancelled	Remove
	K-120	12/13/2010
	K-121	12/13/2010
	K-122	12/14/2010
	K-123	12/14/2010
	K-124	12/14/2010
	K-125 Cancelled	2/18/2010
	K-133	12/14/2010
	K-134	12/15/2010
	K-135	4/4/2011
	K-137	12/15/2010
	K-143 Cancelled	Remove
	K-144	12/15/2010
	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	3/21/2011
	K-162	4/4/2011
	K-167	12/15/2010
	K-168	12/15/2010
	K-169	12/15/2010
	K-169 Supp A	12/15/2010
	K-169 Supp B	12/15/2010
	K-170	12/15/2010
	K-173	12/16/2010
	K-174	12/16/2010
	K-175	12/16/2010
	K-176	4/1/2011
	K-180	4/4/2011
	K-184	4/29/2010
	K-189	12/16/2010
	K-192	3/29/2011
	K-194 Cancelled	9/26/2008

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	K-196	12/16/2010
	K-198 Cancelled	9/26/2008
	K-199	12/16/2010
	K-200	12/16/2010
	K-202	3/30/2011
	K-204	3/30/2011
	K-207 Cancelled	Remove
	K-211 Cancelled	9/26/2008
	K-212	3/24/2011
	K-213	5/27/2010
	K-220	5/27/2010
	K-228	3/22/2011
	K-229	5/27/2010
	K-230	3/23/2011
	K-232	5/27/2010
	K-233	3/22/2011
	K-234	10/15/2000
	K-235	5/27/2010
	K-236	5/27/2010
	K-239	3/22/2011
	K-241	5/27/2010
	K-242	8/10/2010
	K-244	3/23/2011
	K-245 Cancelled	10/28/2009
	K-247	3/23/2011
	K-248 Cancelled	9/26/2008
	K-249 Cancelled	Remove
	K-250	6/22/2010
	K-251	3/30/2011
	K-252	12/17/2010
	K-253	3/30/2011
	K-255	12/17/2010
	K-256 Cancelled	Remove
	K-258	12/17/2010
	K-262	3/30/2011
	K-267	3/30/2011
	K-269	12/17/2010
	K-273	3/31/2011
	K-274	3/11/2011
	K-275	3/11/2011
	K-276	3/31/2011
	K-277	3/31/2011
	K-278 #	3/31/2011
	K-281	3/31/2011
	K-283 Cancelled	9/26/2008
	K-286	3/31/2011
	K-287	4/5/2011
	K-288	4/5/2011
	K-289	3/31/2011
	K-295	4/6/2011
	K-296	3/31/2011
	K-298 Cancelled	9/26/2008
	K-299 Cancelled	9/26/2008
	K-301 Cancelled	Remove

*	K-304	8/24/2011
*	K-305	8/24/2011
*	K-308	8/24/2011
*	K-309	8/24/2011
	K-310 Cancelled & Replaced by E-1160	Remove
*	K-317	8/24/2011
*	K-319	8/24/2011
*	K-320 #@	8/24/2011
*	K-321 #@	8/24/2011
	K-322 Cancelled	Remove
	K-323	10/15/2000
	K-324	10/15/2000
*	K-326 #@	8/24/2011
	K-333 Cancelled	7/15/2009
	K-342	6/24/2010
	K-343	12/9/2009
	K-345 Cancelled	Remove
*	K-346	8/24/2011
*	K-347	8/24/2011
	K-355	10/15/2000
*	K-357	8/24/2011
*	K-359	8/24/2011
	K-360 Cancelled	Remove
	K-361	10/15/2000
	K-365	10/15/2000

**L – SECTIONS**  
**Metallurgical Process Control Tests**

	<u>SECTION</u>	<u>REV. DATE</u>
	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**

	<u>SECTION</u>	<u>REV. DATE</u>
	M Contents	Remove
*	M-0	8/18/2011

	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	8/18/2011
	M-186	5/4/2009
	M-187	5/4/2009

M-500 Series – Atomic Absorption

	<u>SECTION</u>	<u>REV DATE</u>
	M-500	5/4/2009
	M-500 Supp A	5/4/2009
*	M-503	8/18/2011
	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

	<u>SECTION</u>	<u>REV. DATE</u>
	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	3/26/2010
	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	8/25/2009
	N-63	4/6/2010
	N-64	4/6/2010
	N-65	3/24/2011

	N-66	4/19/2010
	N-67	4/19/2010
	N-69	4/19/2010
	N-70	4/21/2010

**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	4/1/2010
	P-4	3/30/2010
*	P-6	6/15/2011
	P-14	4/21/2010
	P-17	5/4/2010
	P-20	11/30/2009
*	P-21 Cancelled	6/9/2011
	P-23	9/30/2000
	P-30	2/15/2004
	P-32	11/1/1999
*	P-33	6/15/2011
	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	11/9/2009
	P-78	11/1/1999
	P-79	11/1/1999
	P-82	11/1/1999
*	P-83	8/23/2011
	P-83 Supp A	1/28/2010
	P-85	4/5/2011
	P-88	11/1/1999
	P-94	11/1/1999
	P-95	2/9/2010
	P-97	2/15/2004
	P-100	5/9/2011
	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	8/25/2011

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*	Q-1	8/25/2011
	Q-2 Cancelled	9/25/2008
	Q-3 Canceled	9/25/2008
	Q-4	2/16/2011
	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	10/22/2009
*	Q-15	8/25/2011
	Q-16	2/16/2011
	Q-17	4/7/2011
	Q-19	10/22/2009
	Q-20	1/31/2011
*	Q-21	8/25/2011
	Q-27 Cancelled	9/25/2008
	Q-33	1/14/2011
	Q-36	2/4/2011
	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 Cancelled	1/23/2009
	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	8/29/2011
	Q-81	11/1/1999
	Q-82	11/1/1999
	Q-83 Cancelled	9/25/2008
*	Q-84	8/29/2011
*	Q-85	8/29/2011
*	Q-86	8/29/2011
	Q-87	11/1/1999
	Q-88 Cancelled	9/25/2008
*	Q-89	8/29/2011
*	Q-90	8/29/2011
	Q-91 Cancelled	9/25/2008
	Q-92 Cancelled	9/25/2008
*	Q-93	8/29/2011
	Q-94	11/1/1999
	Q-95 Cancelled	9/25/2008
	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**

	<b><u>SECTION</u></b>	<b><u>REV. DATE</u></b>
	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**

	<b><u>SECTION</u></b>	<b><u>REV. DATE</u></b>
	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	11/1/1999
	S-11	11/1/1999
	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

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	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	11/1/1999
	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	8/3/2009
*	S-69	6/15/2011
*	S-70	6/15/2011
*	S-71	6/15/2011
	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
	S-95	11/1/1999

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	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	5/3/2011
	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	9/21/2009

**U – SECTIONS**  
**Contamination Tests**

	SECTION	REV. DATE
	U Contents	Remove
	U-2	11/4/2009
	U-2 Supp A	3/11/2010
	U-5	11/2/2009
	U-6	2/22/2010

	U-7	2/22/2010
	U-10	2/22/2010

**V – SECTIONS**  
**Metrology**

	<u>SECTION</u>	<u>REV. DATE</u>
	V Contents	Remove
#	V-0	1/19/2010
#	V-0 Supp A	1/20/2010
#	V-0 Supp B	4/7/2011
#	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	1/19/2010
#	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
	V-7	1/11/2010
	V-8	1/11/2010
	V-14 Cancelled	11/19/2009
	V-15	1/11/2010
	V-16	1/18/2010
	V-17 Cancelled	11/19/2009
	V-18	1/13/2010
	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
	V-20 Cancelled	11/17/2009
	V-21 Cancelled	12/3/2009
	V-22	1/12/2010
	V-23 Cancelled	11/19/2009
	V-24	1/12/2010
	V-26	1/14/2010
	V-27	1/14/2010
	V-28 Cancelled	11/19/2009
	V-29 Cancelled	12/3/2009
	V-30	1/14/2010
	V-31	3/22/2010
	V-34	1/14/2010
	V-35	1/18/2010
	V-36 Cancelled	11/19/2009
	V-37	1/14/2010
	V-38	1/19/2010
	V-39	1/5/2010
	V-40	1/14/2010
	V-41 Cancelled	12/3/2009
#	V-42 Cancelled	Remove

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	V-44 Cancelled	12/3/2009
	V-49	1/5/2010
	V-50 Cancelled	11/19/2009
	V-52 Cancelled	12/3/2009
	V-53	1/14/2010
	V-55 Cancelled	11/20/2009
	V-57	1/14/2010
	V-58	1/14/2010
	V-59 Cancelled	12/3/2009
	V-60 Cancelled	12/3/2009
	V-61 Cancelled	11/17/2009
	V-62 Cancelled	11/20/2009
	V-65 Cancelled	1/18/2010
	V-66	1/14/2010
	V-68	1/14/2010
	V-69	1/19/2010
	V-71	1/18/2010
	V-74 Cancelled	11/20/2009
	V-75 Cancelled	1/7/2010
	V-76 Cancelled	1/7/2010
	V-77 Cancelled	1/18/2010
	V-78 Cancelled	1/7/2010
	V-79 Cancelled	1/14/2010
	V-84 Cancelled	1/15/2010
	V-86	4/12/2011
	V-89 Cancelled	Remove
	V-90 Cancelled	1/7/2010
	V-91 Cancelled	Remove
	V-92 Cancelled	Remove
	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
	V-100	5/4/2010
	V-101 Cancelled	Remove
	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
*	V-115	6/22/2011
	V-116	8/11/2010
	V-117	4/6/2011
	V-119 Cancelled	Remove
	V-120 Cancelled	Remove
	V-121 Cancelled	Remove

	V-122 Cancelled	Remove
	V-123 Cancelled	Remove
	V-125 Cancelled	Remove
	V-130 Cancelled	Remove
	V-131 Cancelled	Remove
	V-137	10/21/2009
	V-138 Cancelled	1/5/2010
	V-139 Cancelled	11/20/2009
	V-140	12/8/2009
	V-141 Cancelled	11/20/2009
	V-142	12/17/2009
	V-143	1/19/2010
	V-144	1/14/2010
	V-145	8/6/2010
*	V-146	6/14/2011
	V-146 Supp A	4/6/2011
	V-146 Supp B	4/6/2011
	V-148	12/8/2009
	V-149 Cancelled	1/14/2010
	V-150 New issue	3/23/2010
	V-11202	5/3/2011
	V-11466	5/3/2011
	V-32106 New issue	3/23/2010
	V-32108 New issue	3/17/2010
*	V-37103	8/23/2011
*	V-37104	8/23/2011
	V-40305	1/8/2010
	V-40307	1/8/2010

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

	SECTION	REV. DATE
	X Contents	Remove
*	X-Master	9/15/2011
*	X-2	8/12/2011
	X-3	4/8/2011
*	X-4	9/15/2011
	X-5	4/8/2011
	X-7	4/8/2011
	X-8	4/8/2011
*	X-9	4/11/2011
	X-10 (Cancelled)	1/24/2007
	X-11	4/11/2011
*	X-12	9/15/2011
	X-13	Cancelled
	X-15	8/20/2010
	X-15 App A	4/11/2011
	X-16	4/11/2011
	X-17	4/11/2011
	X-18	8/10/2010
	X-19	5/11/2010
	X-20	10/20/2010

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	X-21 (Cancelled)	4/12/2003
	X-22	8/20/2010
*	X-23	8/9/2011
	X-25	10/21/2010
*	X-26	8/18/2011
	X-24	8/23/2010
	X-31	8/23/2010
	X-32	8/25/2010
	X-32 App A	8/23/2010
	X-32 App B	8/23/2010
	X-32 App C	8/23/2010
	X-32 App D	8/23/2010
	X-33	5/19/2010
	X-41 Cancelled	8/9/2010
	X-51	8/23/2010
	X-52	8/2/2010
	X-53	8/2/2010
	X-61	8/10/2010
	X-62	3/15/2010
	X-63	3/15/2010
	X-70	8/23/2010
	X-81	12/10/10
	X-101	4/11/11
	X-101 App A	4/11/11
	X-101 App B	4/11/11
	X-102	4/12/11
	X-103	4/12/11
	X-104	4/12/11
	X-105	4/12/11
	X-106	4/12/11
	X-107	4/12/11
	X-108 Cancelled	7/05

\* Revised Since Previous Edition of 7/5/2011

+ Added Since Previous Edition of 7/5/11

Revision Date 10/2011

Updated Quarterly



## PWA Method, Qualification, and Quality Assurance Specifications

Aerospace Supplier Quality Requirements		
ASQR-01 Rev 7	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. 2	ASQR-20.1 Rev 4	UTCQR-09.1 Rev 3

Qualification		
	ASQ-F	ATTQ-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-6078AE	
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 (A)	Cancelled	FTM-204 Chg. 4	Cancelled
* ADIM (A)	Revised 8/30/11	GIM-206 (A)	Cancelled
* ARTM (C)	Revised 9/30/11	GSDM (A)	Cancelled 03/08/2011
* ATTM Master (f)	Revised 7/6/11	GSDM Supp. (A)	Cancelled 03/08/2011
* ATTM Master Supp (E)	Revised 7/6/11	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)	Revised 9/26/11
ATTM Code 9 (B)	Cancelled-Refer to ATTM Master	* HIM-3 (H)	Revised 9/30/11
ATTM-1 (H)	Cancelled-Refer to ATTM Master	* HTM-1 (C)	Revised 9/12/11
ATTM-2 (L)	Cancelled-Refer to ATTM Master	* HTM-2 (C)	Revised 9/12/11
ATTM-3 (H)	Cancelled-Refer to ATTM Master	* HTM-3 (C) #	Revised 9/12/11
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 (B)	Revised 09/30/11
ATTM-9 (C)	Cancelled-Refer to ATTM Master	LTM-1 (A)	Cancelled
ATTM-10 (A)	Cancelled-Refer to ATTM Master	* MPM (I)	Revised 6/30/11
ATTM-201 (D)	Cancelled	MPM Supp. (A)	Cancelled-Refer to MPM
* BPTM-1 (A)	Revised 9/30/11	MSTM-1 (B)	Cancelled-Refer to PTM-3
BRM-1 (A)	Cancelled	* NRM Master (B)	Revised 7/21/11
BRM-2 (A)	Cancelled	* PCM-M (A)	Revised 9/12/11
BRM-3 (A)		PCM (A)	Cancelled
BRM-4	New 6/10/11	PTFM-201 (A)	Cancelled
BTM-1 (E)	Revised 03/08/2011	PTFM-202 (A)	Cancelled
BTM-2 (G)	Revised 03/08/2011	PTM Master (G)	
BTM-3 (C)	Revised 03/08/2011	* PTM Code A (B)	Revised 9/13/11
BTM-4 (I)	Revised 03/08/2011	* PTM Code B (B)	Revised 9/13/11
BTM-6 (B)	Cancelled-Refer to BTM-2	* PTM Code C (D)	Revised 9/13/11
BTM-7 (E)	Revised 03/08/2011	* PTM Code D (B)	Revised 9/13/11
BTM-7 Code A (A)	Cancelled-Refer to BTM-7	* PTM Code E (B)	Revised 9/13/11
BTM-7 Code B (A)	Cancelled-Refer to BTM-7	* PTM Code F (A)	Revised 9/13/11
BTM-7 Code C (A)	Cancelled-Refer to BTM-7	PTM-1 (M)	Cancelled-Refer to PTM Master
BTM-7 Code D (A)	Cancelled-Refer to BTM-7	PTM-2 (H)	Cancelled-Refer to PTM Master
BTM-8 (B)	Cancelled-Refer to BTM-4	PTM-3 (C)	
BTM-9 (D)	Revised 03/08/2011	PTM-3 (C) Supp. 1	
BTM-10 (A)	Cancelled	* PTM-22 (a)	Revised 9/13/11
BTM-11 (I)	Revised 03/08/2011	PTM-201 (F)	Maintained by PWR-WPB
BTM-12 (B)	Cancelled	RAM-2 (A)	Cancelled-Refer to MCL Manual Section F-38
BTM-13 (H)	Revised 03/08/2011	* SIM-1 (M)	Revised 9/30/11
BTM-14 (C)	Revised 03/08/2011	* SIM-2 (L)	Revised 8/30/11
BTM-15 (C)	Revised 03/08/2011	* SIM-3 (D)	Revised 8/30/11
BTM-16 (A)	Revised 03/08/2011	* SIM-3 App. A (C)	Cancelled
BTM-18	Interim new 5/20/11	SIM-4 (E)	
CDM-1 (D)	Cancelled	SIM-4 Code A (A)	
CDM-2 (F)	Revised 03/08/2011	SIM-5 (A)	Cancelled-Refer to TDM-7
CDM-3 (D)	Revised 03/08/2011	SIM-6 (A)	Cancelled-Refer to SIM-314
CDM-4 (E)	Cancelled 12/10/2010	SIM-7 (A)	Cancelled-Refer to BTM-6
CTM-Master (D)	Revised 03/08/2011	SIM-8 (A)	Cancelled-Refer to BTM-1

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* CVM-1 Master (B) #	Revised 9/26/11		* SIM-11 (E)	Revised 8/30/11
* CVM-1 Code 1 (B) #	Revised 9/26/11		SIM-12	
* CVM-2 (F) #	Revised 9/26/11		* SIM-13 (B)	Revised 8/30/11
* CVM-3 (A) #	Revised 9/26/11		SIM-14	
* DCM-2 (C)	Revised 8/30/11		* SIM-15 (A)	Revised 8/30/11
DCM-5 (A)			+ SIM-16 Interim NEW	Published 6/30/11
* DCM-8 (A)	Revised 9/12/11		* SIM-17 (A)	Revised 8/30/11
* DCM-8-2 (D)	Revised 9/12/11		* SIM-21 (A)	Revised 8/30/11
DIM-1 (B)	Cancelled		SIM-301 (B)	Cancelled
* DLT Master (B)	Revised 8/30/11		SIM-304 (A)	Cancelled
DRM Master	New 5/10/11		SIM-305 (A)	Cancelled
ECM Master (I)	Revised 03/08/2011		SIM-308 (C)	Cancelled

ECM Code 1 (B)	Revised 03/08/2011	*	SIM-309 (G)	Revised 8/30/11
ECM Code 2 (B)	Revised 03/08/2011		SIM-310 (B)	Cancelled-Refer to SIM-4
ECM Code 3 (B)	Revised 03/08/2011		SIM-311 (A)	Cancelled-Refer to SIM-4
ECM Code 4 (C)	Revised 03/08/2011		SIM-312 (A)	
ECM Code 5 (E)	Revised 03/08/2011		SIM-313 (A)	Cancelled
ECM-1 (A)	Cancelled-Refer to ECM Code 3	*	SIM-314 (B)	Revised 9/26/11
ECM-2 (F)	Cancelled-Refer to ECM Code		TDM-1 (D)	
ECM-3 (B)	Cancelled-Refer to ECM		TDM-2 (E)	Cancelled-Refer to TDM-1
ECM-4 (A)	Cancelled-Refer to ECM Code		TDM-3 (C)	Cancelled
ECM-5 (C)	Cancelled-Refer to ECM		TDM-4 (B)	Cancelled
ECM-6 (A)	Cancelled		TDM-6 (F)	Cancelled
ECM-331 (A)	Cancelled		TDM-7 (H)	
EIM Master (G)	Revised 03/31/2011		TDM-8 (D)	Cancelled-Refer to TDM-7 Codes C & E
EIM Master Supp. (I)	Revised 11/20/2007	*	TDM-9 (F)	Revised 9/12/11
EIM Code 1 (B)	Revised 03/31/2011	*	TDM-10 (E)	Revised 9/12/11
EIM Code 2 (L)	Revised 03/31/2011		TDM-10 Supp. (A)	Cancelled-Refer to TDM-10 Table 1
EIM Code 3 (D)	Revised 03/31/2011		TDM-10 Master (A)	Cancelled-Refer to TDM-10
EIM Code 4 (F)	Revised 03/31/2011		TDM-10 Code 1 (A)	Cancelled-Refer to TDM-10
EIM Code 5 (D)	Revised 03/31/2011	*	TTIM-1 (C)	Cancelled-Refer to PWA-11
EIM Code 6 (A)	Cancelled	*	VIM Master (C)	
EIM Code 7 (B)	Revised 03/31/2011		WLM Master (B)	
EIM Code 8 (C)	Revised 03/31/2011		WLM Appendix 1	
EIM Code 9 (B)	Cancelled 03/31/2011		WLM Appendix 2	
EIM 1 (Q)	Cancelled-Refer to EIM Code 1		WLM Appendix 3	
EIM 2 (M)	Cancelled-Refer to EIM Code		WLM Appendix 4	
EIM 3 (J)	Cancelled-Refer to EIM Code		WLM Appendix 5	
EIM 4 (B)	Cancelled-Refer to EIM Code		WLM Appendix 6	
EIM 5 (H)	Cancelled-Refer to EIM Code		WLM Appendix 7	
EIM 6 (C)	Cancelled	*	XRM Master (H)	Revised 7/21/11
EIM 7 (B)	Cancelled-Refer to EIM Code	*	XRM-M Supp.2 (G)	Revised 7/21/11
EIM 8 (A)	Cancelled-Refer to EIM Code	*	XRM Code 1 (D)	Revised 7/21/11
FDM-1 (A)	Cancelled		XRM Code 2 (B)	Cancelled-Refer to XRM Code 3
FDM 2 (C)		*	XRM Code 3 (E)	Revised 7/21/11
* FDM 3 (A)	Revised 9/30/11	*	XRM Code 4 (D)	Revised 7/21/11
* FDM-4 (A)	Revised 6/30/11		XRM Code 5 (B)	Cancelled-Refer to XRM Code 7
* FDM-5 (A)	Revised 6/30/11		XRM Code 6 (B)	Cancelled-Refer to XRM Code 7
FPM Master (C)		*	XRM Code 7 (C)	Revised 7/21/11
* FPM Master Supp. (F)	Revised 7/8/11	*	XRM Code 8 (C)	Revised 7/21/11
* FPM Code 1 (E)	Revised 7/8/11	*	XRM Code 9 (C)	Revised 7/21/11
* FPM Code 2 (E)	Revised 7/8/11		XRM Code 10 (B)	Cancelled
FPM Code 3 (D)	Cancelled-Refer to FPM Code		XRM-1 (Q)	Cancelled-Refer to XRM Master
* FPM Code 4 (C) #	Revised 7/8/11		XRM Supp. 1 (A)	Cancelled-Refer to XRM Master
* FPM Code 5 (g)	Revised 7/8/11		XRM-2 (B)	
FPM Code 6 (B)	Cancelled-Refer to EIM Code		XRM-3 (A)	Cancelled-Refer to XRM Master
* FPM Code 7 (C)	Revised 7/8/11		XRM-4 (A)	Cancelled
FPM Code 8 (C)	Cancelled		XRM-5 (C)	Cancelled-Refer to XRM Master
* FPM Code 9 (D) #	Revised 7/8/11		XRM-6 (A)	Cancelled-Refer to XRM Master
FPM (B)	Cancelled-Refer to FPM Master		XRM-7 (A)	Cancelled-Refer to XRM Master
FPM-1 (M)	Cancelled-Refer to FPM Code		XRM-301 (A)	Cancelled
FPM-2 (P)	Cancelled-Refer to FPM Code			
FPM-3 (N)	Cancelled-Refer to FPM Code			
FPM-4 (G)	Cancelled-Refer to FPM Code			
FPM-5 (J)	Cancelled-Refer to FPM Code			
FPM-6 (A)	Cancelled-Refer to FPM Code			
FDM-4 (N/C)	Issued 12/10/2009			
FPM-6 (A)	Cancelled-Refer to FPM Code 8			

\* Revised Since Previous Edition of 7/5/2011  
 + Added Since Previous Edition of 7/5/11  
 Revision Date 10/2011  
 Updated Quarterly



**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 SUPERSEDES 11/09 ISSUE	05/2010
	APM1-1	07/2008
	APM1-1 BEIBLATT 1	04/2002
	APM1 BEIBLATT 2	06/2001
	APM1-2	07/2008
	APM1-4	07/2007
	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	02/1985
	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
	MTH181	05/2001
	MTH190	06/2003
	MTH219	04/2001
	MTH220	02/2009
	MTH236	05/1994
	MTH239	12/2006
	MTH250	06/2008
	MTH251	10/2000
	MTH252	05/1993
	MTH311	04/2005
	MTH312	04/2005
	MTH313	04/2005
	MTH336	07/2007
	MTH346	10/2000
	MTH370	11/2001
	MTH451	08/2000
	MTH452	01/2001
	MTH497	06/1996
	MTH499	11/2003
	MTH505 INACTIVE FOR NEW DESIGN	09/2009
	MTH511	12/2006
	MTH522	10/2009
	MTH525	09/2001
	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
	MTL113	12/2004
	MTL115 SUPERSEDED BY MTL115-1, -2, -3	02/2005
	MTL115-1	12/1999
	MTL115-2	12/1999
	MTL116	04/2008
	MTL118	02/1982
	MTL118-1	09/1996
	MTL118-2	09/1996
	MTL118-3	10/2004
	MTL119	07/2005
	MTL119 BEIBLATT 1	04/2002
	MTL120	04/2005
	MTL120-1	09/2008
	MTL120-2	09/2008
	MTL120-3	09/2008
	MTL120-3 AMENDMENT	03/2010
	MTL122	11/1981
	MTL122-1	02/1997
	MTL122-2	02/1997
	MTL122-3 AMND	11/2004
	MTL124	05/1990
	MTL125	09/1991
	MTL125 TEIL 1	11/1995
	MTL125 TEIL 2	11/1995
	MTL125 TEIL 3	11/1995
	MTL126	07/1987
	MTL128	07/1992
	MTL129	05/2006
	MTL133	07/2003
	MTL138 TEIL 1	08/1994

MTL138 TEIL 2	08/1994
MTL138 TEIL 3	08/1994
MTL138 TEIL 4	08/1994
MTL138 TEIL 5	08/1994
MTL142	12/2007
MTL144-1	09/2008
MTL144-2	09/2008
MTL144-3	09/2008
MTL145 TEIL 1	12/1995
MTL145 TEIL 2	12/1995
MTL145 TEIL 3	12/1995
MTL145 TEIL 4	12/1995
MTL156	07/2006
MTL156-1 SUPERSEDED BY MTL156	07/2006
MTL156-2 SUPERSEDED BY MTL156	07/2006
MTL156-3 SUPERSEDED BY MTL156	07/2006
MTL161-3	02/2005

MTN - FUNDAMENTAL STANDARD	REVISION DATE
MTN3	11/1990
MTN57 TEIL 1	03/1994
MTN57 TEIL 2	03/1994
MTN68	03/1986
MTN70	06/2009
MTN71 NEW	06/2010
MTN75	11/1987
MTN78 REVISED	04/2009
MTN93	04/2008
MTN106	02/1998
MTN110	03/1995
MTN115	01/2009
MTN120	02/1994
MTN122 REVISED SUPERSEDES 01-09 ISSUE	06/2010
MTN123	01/2009
MTN124	01/2009
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
MTN10534	07/2003
MTN94111	07/2008
MTN94111 BEIBLATT 1	04/2009
MTN94111 BEIBLATT 2 SUPERSEDED BYMTN94111 BEIBLATT 6	09/2008
MTN94111 BEIBLATT 3	03/2008
MTN94111 BEIBLATT 6	08/2008
MTN94111 BEIBLATT 7	03/2000
MTN94112	03/1999

MTP - INSPECTION	REVISION DATE
MTP2	02/2000
MTP2 BEIBLATT 1	02/2000
MTP3	08/1993
MTP3 SUPL 1	11/1980
MTP11	06/2005
MTP11 BEIBLATT 1 SUPERSEDED BYMTP11	09/2005
MTP12 SUPERSEDED BY MTP288-1 & -2	11/2006
MTP13 TEIL 1	09/1994
MTP13-2	09/2008
MTP13-5	01/2007
MTP13 BEIBLATT 1	01/2000
MTP13 BEIBLATT 2 TEIL 5	02/1993
MTP20	12/2002
MTP20 BEIBLATT 1	11/2009
MTP21	07/2008
MTP21 BEIBLATT 1	08/2008
MTP21 BEIBLATT 2	08/2008
MTP21 BEIBLATT 3	11/1987
MTP23	04/2008
MTP24	06/1990
MTP25	06/1981
MTP26	10/1991
MTP27	03/1981
MTP28	09/1982
MTP29	09/1984
MTP30	08/1981
MTP31	09/1981
MTP32	10/1986
MTP32 BEIBLATT 1	07/1983
MTP34	06/1995
MTP34 TEIL 1	04/1991
MTP34 TEIL 2	04/1991

MTP34- 3	06/2001
MTP34 BEIBLATT 1 TEIL 3	06/1994
MTP34-4	09/2002
MTP35	11/1981
MTP37	11/1981
MTP40	07/2002
MTP41	12/1981
MTP42	12/2002
MTP44	12/2008
MTP44 BEIBLATT 1	03/1991
MTP48 WITHDRAWAL NOTIFICATION	02/1995
MTP49	12/1981
MTP50	09/2001
MTP50-1	09/2001
MTP50-2	09/2001
MTP50-3	09/2001
MTP54	12/2002
MTP55	12/2002
MTP56	12/2006
MTP57	09/1987
MTP57 BEIBLATT 1-4	09/1987
MTP58 BEIBLATT 1-4	06/1988
MTP59	01/1984
MTP67	07/2008
MTP67 BEIBLATT 1	07/2008
MTP73	10/2007
MTP78	05/2008
MTP86-1	02/2008
MTP86-3	07/2005
MTP86-4	02/2008
MTP86-6	02/2008
MTP89PR	09/1984
MTP98-1	05/2006
MTP98 TEIL 2	12/1986
MTP98-3	04/2006
MTP100	05/1991
MTP101	07/1995
MPT107 TEIL 6	04/1991
MTP118 TEIL 1	06/1992
MTP118-1 BEIBLATT 1	10/2008
MTP118-4	05/2001
MTP119	08/1988
MTP132	02/1997
MTP132 BEIBLATT 1	05/1989
MTP134	09/1989
MTP136	02/2009
MTP136-1 SUPERSEDED BY MTP136	02/2009
MTP139-1	07/2008
MTP139-TEIL 2	06/1992
MTP140	04/1996
MTP146	12/2008
MTP148 TEIL 1	04/1992
MTP148 BLTA 1 TEIL 1	04/1992
MTP149 SUPERSEDED BY MTP139T1	
MTP152	03/1992
MTP152 BEIBLATT 1	03/1992
MTP161	02/2006
MTP161 BEIBLATT 1	02/2006
MTP166	11/2001
MTP168	07/2002
MTP169	04/1996
MTP170	10/1994
MTP171	03/1996
MTP172	09/2008
MTP173	06/1992
MTP181	09/1995
MTP183	06/1996
MTP186	06/1996
MTP191	03/1996
MTP197	01/1997
MTP198 SUPERSEDED BY MTP198-1 & -2	05/2006
MTP198-1	05/2006
MTP198-2	12/2006
MTP199	10/2003
MTP206 SUPERSEDED BY MTP206-1, -03, -04	12/2006
MTP206-1	12/2006
MTP206-2	12/2007
MTP206-3	12/2007
MTP206-4	12/2007
MTP208	04/2005
MTP208 BEIBLATT 1	03/2004
MTP219	04/2001
MTP228-1	05/2008
MTP228-2	11/2006
MTP228-3	11/2006
MTP237	04/2008
MTP242	07/2003

MTP246-1	05/2008
MTP252	12/2003
MTP288-1	11/2006
MTP288-2	11/2006
MTP10005	11/1980
MTP10006	11/1980
MTP10007	10/1980
MTP10008	10/1980
MTP10009	10/1980
MTP10010	10/1980
MTP10011	10/1980
MTP10012	10/1980
MTP10013	10/1980
MTP10014	10/1980
MTP10055	11/1981
MTP10056	11/1981
MTP10057	11/1981
MTP10058	11/1981
MTP10059	11/1981
MTP10060	11/1981
MTP10062	11/1981
MTP10063	04/1981
MTP10068	06/1983
MTP10069	07/1983
MTP10070	07/1983
MTP10071	07/1983
MTP10072	11/1988
MTP10073	07/1983
MTP10074	09/1981
MTP10075	09/1981
MTP10076	09/1981
MTP10077	09/1981
MTP10078	09/1981
MTP10079	09/1981
MTP10080	10/1982
MTP10082	10/1982
MTP10083	10/1982
MTP10084	10/1982
MTP10085	11/1981
MTP10086	04/1981
MTP10088	10/1989
MTP10089	06/1984
MTP10098	06/1983
MTP10099	06/1983
MTP10100	06/1983
MTP10101	06/1983
MTP10102	11/1981
MTP10109	11/1981
MTP10111	11/1981
MTP10157	07/1996
MTP10158	08/1982
MTP10159	08/1982
MTP10160	08/1982
MTP10161	08/1982
MTP10162	01/1985
MTP10164	01/1985
MTP10166	01/1985
MTP10460PR	07/1983
MTP10463	08/1983
MTP10644	01/1985
MTP10645	09/1991
MTP10756	12/1992
MTP10800	02/1987
MTP10811	09/2006
MTP10822	05/1988
MTP10905	07/1989
MTP10906	01/1989
MTP10907	01/1989
MTP11128	03/1994
MTP11139	12/1988
MTP11224	10/1990
MTP11226	05/2003
MTP11227	06/2003
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
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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 REVISED SUPERSEDES 11/08 ISSUE	05/2010
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
MTV1029	07/2000
MTV1030-1	10/2007
MTV1030-2	06/2006
MTV1030-3	11/2005
MTV1030- 4	07/1998
* MTV1030-10	03/2010
MTV1031-1	10/2007
MTV1031- 2	07/2000
MTV1031-3	07/2000
MTV1031-4	07/2000
MTV1031- 5	07/2000
MTV1031- 6	07/2000
MTV1031-7	07/2000
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
MTV1037-2	01/2010
MTV1039	08/2005
MTV1040	04/1983
MTV1041	03/1983
MTV1042	12/1982
MTV1043	04/1983
MTV1044	12/1981
MTV1047	10/2007
MTV1048	03/1983
MTV1066	05/2006
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

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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
51R1009	B
51R1011	A
51R2001	B
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
51STM1004	B
51STM2002	B

\* Revised Since Previous Edition of 7/5/2011

+ Added Since Previous Edition of 7/5/11

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**Packaging Engineering Instruction Specifications (P)**

13440D	13441D	13442H	13443H	13950C
20000H	30000M	40000N	40102D	40103C
40104C	42000H	43000A	45800F	47730F
49200C	53400B	61660D	*61673L	62100

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**Packaging Engineering Material Specifications - (P)**

4446D	4447C	4448B	6008E	6153D
6272G	6671D	6700C	8320E	*9747H
9748D	9749F	9750C	9922C	9923B
10083K	10289G	11201A02	11202B01	11993B
12296B	12838C	13219B	13431E	13432B
13433E	13435E	13436E	13437E	13438E
13439E	18201D	18336D	18337D	19193F
19273B	19733A	20399D	22379B	23330
24048C	27315D	27556D	28075	30029A
30170C	30171B	30572C	30573C	30574C
30575C	30576C	30869B	31193 Chg 2	31198A
34322C	40012B	40015A	40019A	41188E
41189D	41190D	41191 Chg5	41201F	41222G
41250A	41300F	41304H	41424B	41504C
41507G	41508C	41544E	42600A	42760L
42770D	43001A	43002B	43022J	43045B
43197B	44250B	45333B	45588	45600D
45601D	45762C	46058	46059	46060 Chg 1
46062	46063	46064 Chg 1	46345B	46361E
46362C	46363C	46364D	46366D	46367C
46368A	46993F	47300H	47302B	47322
47730E	48076G	48164A	48178C	48199E
48336H	48768K	48778D	48779D	49100D
49667	50900C	50901D	51357B	51358B
51360A	51500E	52200N	52715G	53795A
53900B	53901B	53902B	53903B	53904B
53905B	53906B	61027A	61680D	61690B
61711E	61839	61951	62000B	62001C
62101A	62103B			

\* Revised Since Previous Edition of 7/5/2011  
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**Process Operations Procedures (POP)**

For a comprehensive list of POPs with latest revisions, see  
["Processing Procedures/Solutions"](#)  
on the Homepage under "Specification Revision Lists"

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359D	365D	379E	384C
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488D	490A	492B	493
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515B	519A	520A	521
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537A	541	542	548A
552	553B	554G	555A
557	560	561A	F-562B Deleted
563A	564A	566B	568A
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576	577	578J	579E
582	583	586	588
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851	852	854	F-860G Cancelled
*F-861C	F-862A	863	F-864G
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882A	883	884	888
889	890	891	892
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970A	971A	972	973
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984	985	986B	987
989	990A Scn-1	991 Scn	App A
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1007	1008	1009	1010
1012	1013	1014	1015
1016	1017	1018	1019
1020	1021	1022	1023
1024	1025	1026	1027
1028	1029	1030	1031
1032	1033	1034	1035
1042	1043A	1044	1045
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1055	1057	1058A	1059
1060	1061	1062	1063
1064	1065	1066	1068
1069	1072A	1078	1079
1080	1081	1082	1089C
1090C	1091	1092	1093B
1094	1095C	1104	1105
1106	1107	1109	1110
1111	1112	1113	1115
1118	1119	1120	1121
1122	1123A	1124A	1125
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1143	1144	1145	1146
1147	1148A	1149	1150A
1151	1152	1154	1157A
1160	1161	1162	1163
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1358	1359A	1365	1367
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1398C	1399	1402	1403
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1444	1445	1446	1447
1448	1455A	1456B Scn-2	1458
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1480	1483A Scn-6	1485A	1490
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1527 Scn-1	1528	1529	1530A
1531	1532	1533 Scn-2	1534 Scn-1
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1671 Scn-1	1672 Scn-1	1673A Scn-1	Supp A
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1697C	1698A	1700A Scn-1	1705
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1727A	1729 Add A	1730	1731
1732C	1734	1735	1743E
1744	1749A Scn-1	1750B	1751C
1752C Scn-6	1753 Scn-1-1	1755	1757
1758	1759	1760	1761A
1762A	1763B Scn-1	1767	1768
1772	1775	1776A Scn-2	1777A
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1784	1785	1787A	1788
1789	1790	1791A	1792A
1793A	1794A	1797	1799 Scn-1
1800A	1801	1803A	1805D
1806 Scn-1	1807	1809C	1810D
1811B	1812A	1813 A	1815
1823	1824	1825	1827 Scn-1
1828A	1829A App B	Add #1	1830
1831	1832 Add #1	1833A Add #1	1836
1837	1838	1841	1844A
1846	1847C Add #1	1848D	1850B Scn-1
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1856	1857	1859	1860
1861	1862 Scn-1	1863A	1864
1866B	1868	1870	1871
1872	1875A	1876A	1877
1880 Scn-4	1885	1887A	1888
1890	1891	1893A Add #1	App A
App B	App C	1896A	1904
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
2146A	2147	2148	2149
2151	2153	2169A	2180
2181	2184	2185	2186
2191A	2199C	2236	2261
2263A	2264A	2265A	2266
2267	2270	2271	2274
2376	2377	2378	2379
2380	2382	2383	2384B
2385	2386	2387	2388
2389	2390	2392	2395
2396	2420	2424	2425C
2430	2432	2439	2443
2457	*2469 Rev. 5	2471	2483
2844	2493	2494	2495
2496	2499	2500	2501B
2502	2503	2504	2505
2506	2507	2508	2509
2510	2511L	2512	2513
2514	2515	2516	2520 Rev 00
2521 Rev 00	2522	2523	2524
2525 Rev 2	2526	2527	2528 Rev G
2529 Rev 3.0	2530 Cancelled 1/18/08	2531	2533 Rev 3
2534 Rev 3	2535 Rev 2.0	2536 Rev 1.0	2537
2538	2539	2540	2541
2542A	2548-OS	2549 Rev 00	2554 Rev. A
+2565 New			

\* Revised Since Previous Edition of 7/5/2011  
 + Added Since Previous Edition of 7/5/11

Revision Date 10/2011  
Updated Quarterly



**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
<i>2C</i>	-
4E	Q
5D	Q
* 6G	E,Q
* 7D	E
8F	E
10U	E
11CC	E,Q
<i>12T</i>	Q
* 14M	E,Q
15AB	Q
16BC	E,Q
19AH	E,Q
<i>20G</i>	N,Q
24R	E
25F (Obsolete)	N
<i>26N</i>	N
<i>27H</i>	
<i>33K</i>	E
* 34W	E,Q
<i>35B</i>	E
36G	Q
<i>37J</i>	Q
<i>38C</i>	N
41B (Obsolete)	
<i>42K</i>	Q
44P	Q
<i>45L</i>	
46W	N,Q
* 47W	Q
<i>48F</i>	Q
49N	N,Q
50P	N,Q
52L	N,Q
53AN	E,Q
* 55F	N,Q
* 57E	Q
<i>58B</i>	Q
<i>60M</i>	Q
<i>61J</i>	E,N
62L	E
<i>63J</i>	
* 68T	E
70AA	E
<i>72J</i>	Q
73AM Redacted	E,P
<i>74L</i>	Q
75L	Q
* 76K	E,P
77U	E
80AB	Q
81Y	Q
82E	-
83AE	-
<i>84K</i>	
85Y	E,Q
86H	Q
<i>87A</i>	
<i>88G</i>	Q
* 89J	-
<i>91G</i>	-
* 92V	Q
<i>93K</i>	Q
<i>94K</i>	E
<i>95C</i>	N
96P	Q

	97N	Q
	98P	E
	99P	E,Q
	* 100N	E
	* 101G	Q
	102H	E
	103E	E
	104R	Q
	105H	E,N
	* 106K	Q
	107D	Q
	108G	Q
	109L	-
	110AC	Q
	* 111D	Q
	* 112H	E
	113M	Q
	115C	E
	116AB	Q
	117D	Q
	* 118L	Q
	119L	Q
	* 120N	E
	122E	
	123AA	N
	126B	
	* 128D	Q
	137N	-
	144C (Obsolete)	
	162D (Obsolete)	
	222	E
	230B	E,P
	231B	-
	* 238P	-
	* 240J	N
	250A	-
	* 251E	-
	* 252F	E
	* 253J	Q
	254G	P,Q
	255K	E
	256T	E,Q
	257J	E,Q
	258	Q
	259L	E
	* 261F	P,Q
	262E	E,P
	263L	E,P,Q
	264L	E,P
	265F	P,Q
	266P	E,P
	* 268J	E
	269F	N,Q
	* 270P	E
	* 271J	-
	272B	E,P
	* 273V	E,P
	275R	E
	* 276J	E
	* 277J	E,P
	* 279R	E,P
	280C	E,Q
	281H	E,P
	282D	E
	283H	E,P
	284H	E,P
	285A (Obsolete)	E
	286L	E,P
	* 287H	E,P
	288C	N,Q
	289D	E
	290C	E
	291E	E,P
	293F	E
	294A	E
	295G	E
	296D	N
	297A (Obsolete)	E
	298D	N

	299J	E
	* 300BK	-
	301AU	-
	302	-
	303D	-
	304B	-
	305	-
	307	-
	308B	-
	309A	-
	309 Amend 1	-
	310BE	-
	311P	-
	312B	-
	315V	-
	316J	-
	317	-
	318E	-
	320D	-
	321J	-
	322E	-
	323A	-
	324	-
	325	-
	326D	-
	327G	-
	328B	-
	329	-
	330A	-
	331G	-
	332E	-
	333L	-
	335A	-
	339A	-
	340B	-
	341H	-
	343R	-
	344A	-
	345D	-
	346A	-
	349	-
	350AB	-
	351E	-
	353	-
	354M	-
	355AB	-
	357AD	-
	358	-
	359A	-
	360T	-
	361C	-
	362N	-
	363D	-
	364F	-
	365	-
	367P	-
	368B	-
	370R	-
	371B	-
	372A	P
	373F	-
	381V	-
	382B	-
	383A	-
	384A	-
	385AA	N,Q
	386C	-
	387	-
	388D	-
	389C	-
	390G	-
	391G	-
	392E	-
	393E	-
	394D	-
	395E	-
	396D	-
	397H	-
	* 401H	Q

* 404V	N
* 405J	N
406E	N
407AE	N
408C	
* 409AA	N
* 410F	E
* 411P	N
412G	N
* 413F	-
* 414M	N
415B	
* 416M	N
* 417E	N
* 418H	N
* 420E	N
* 421N	N
422R	N
424G	N
* 425H	Q
* 426E	N
* 427G	N
428A	N
429D	N
* 433AA	N
434E	N
* 439D	N
* 441D	N
* 442G	N
* 444G	N
* 445H	N
* 446D	N
* 447B	N
448H	N
449E	N
450F	N
451Y	N
* 452L	N
* 453C	
454R	N
* 455T	N
456R	N
457L	N
458A (Obsolete)	N
* 459M	N
* 460P	E
* 461C	
* 462C	
* 463C	
464F	N
* 465M	N
466G	N
467G	N
* 468D	N
* 469B	N
472A	Q
474R	N
* 475E	N
* 476E	
477L	N
* 478F	N
* 479D	N
482G	-
* 483C	N
484H	N
485D	N
486G	N
487E	N
* 488L	N
489C	N
491A (Obsolete)	N
* 492C	
493G	N
* 496D	
497A	N
* 498H	N
499M	N
500D (Obsolete)	
504C	

	521M	-
*	522M	
	523E	-
	524D	Q
	527C	-
	529E	-
	530C	
	535C (Obsolete)	
	536B (Obsolete)	N
	537E	N
	538A (Obsolete)	
	539	-
	540A	Q
	541J	N
	542A (Obsolete)	
*	543K	E,N
	544K	N
	545N	E,N,P
	546B	N
*	547H	N
	548H	N
	549L	N
	550U	N
	552K	N
	553H	E,N
	554E	N
*	555G	N
	556R	N
	557F (Obsolete)	N
	559F (Obsolete)	N
	561L	N
*	562F	N
	564	E
	565	E
	566F	N
	567N	N
*	568U	
*	569P	N
*	577E	Q
*	578G	Q
*	580K	
	581F	
	582E	Q
	583D	
	585N	N
	586AB	N
	587E	N
	589E (Obsolete)	N
*	591K	N
	592K	N
*	593G	N
	595R	N
	596J	N
*	597T	N,P
	599F (Obsolete)	N
*	603R	N
*	604J	N
	605F	
*	606H	N
*	609G	
*	611AE	E
	614D	N
	615AE	E
*	616K	
	617N	N
*	618E	N
	619A	Q
	621B (Obsolete)	
*	625L	E
*	626C	
	627A	N
*	628J	N
	629C	N
	633A	N
	634D (Obsolete)	N
	635N	E
*	637D	N
	638A	N
*	641E	

	642C	-
*	645D	N
	647J	I
	649U	I
	651D	-
	652L	-
*	653H	-
	654E	-
	655U	I
*	656U	I
*	657H	I
	658AF	I
	659K	I
	661E	-
*	662F	-
	663AJ	I
	664J	I
*	673G	-
*	686V	I
	687M	-
*	689M	I
	691	-
*	692F	
*	694P	
*	698J	-
	699C	
*	701D	
	703C (Obsolete)	
	704C	-
*	706G	-
*	707C	
	708E	-
	713C	
	714C (Obsolete)	N
*	715F	-
	716E	-
*	717F	
	718F	-
*	719D	Q
	723N	-
*	724H	-
	725P	-
*	733W	I
*	734E	
	736D (Obsolete)	
*	741F	-
*	742E	-
	743B	N
	744J	N
*	749G	
*	765E	-
	767H	-
*	768L	I
	770J	E
*	771H	I
	772D	-
*	773D	-
	776B	-
*	777G	N
*	778D	
	779D	E
	788C	-
	789E	-
*	790E	-
*	791E	N
	792D	
	793K	I
	795H	N
	796B (Obsolete)	N
	797B (Obsolete)	N
	798C	
*	802D	Q
*	804D	-
*	809G	N
	810E	Q
*	817G	I
	830BR	-
	840D (Obsolete)	Q
	892B (Obsolete)	Q

	* 896D	-
	927E (Obsolete)	Q
	953C (Obsolete)	
	956C (Obsolete)	
	996F	-
	998B	-
	1003R	I
	1004H	
	* 1005V	I
	1007AD	I
	1009K	
	1010W	I
	* 1012D	
	* 1013Y	I
	* 1014J	
	* 1015E	
	1016AA	I
	1019D	I
	1021H	I
	* 1022P	I
	1024E	I
	1025H	-
	* 1026J	-
	1027P	I
	1029M	I
	* 1035J	
	* 1036C	
	* 1037E	-
	* 1038N	-
	1039C	-
	1042M	-
	* 1043F	
	1045F	E
	1049D	I
	1052B	
	* 1055D	
	1056M	I
	1057P	I
	1058D	-
	* 1060J	
	* 1062F	
	* 1064E	-
	1065L	-
	* 1066C	
	1069D	
	* 1070H	
	1072D	
	1073M	-
	1074R	-
	1075C	
	1077E	I
	* 1078D	-
	* 1079E	N
	1084D	
	1085J	I
	* 1087D	
	* 1088D	N
	* 1089D	-
	1090G	N
	* 1091G	-
	* 1092B	
	1095H	E
	* 1096F	E
	1100L	E
	* 1101C	E
	1102F	E
	1103A	
	* 1104C	
	* 1105C	
	1106K	E,P
	1107F	I
	* 1112J	I,P
	* 1113J	I,P
	* 1114D	
	1115C DEV'T=>PRODUCTION	
	* 1116B	
	* 1117B	I,E,P
	* 1125C	E,P

	1127D	-
	1128C	-
*	1129B	-
	1130B	-
	1161E	-
	1162D	-
	1163G	-
	1164E	-
*	1165D	-
	1167G	-
*	1168E	-
*	1170P	N
*	1172B	-
	1174C	-
	1175C	-
	1176C	E
	1177B	E
	1179B	-
*	1180F	Q
*	1181D	Q
*	1182H	E
*	1183D	-
*	1185M	N
*	1186D	N,P
*	1188C	E,P
*	1191L	-
*	1192K	-
*	1193H	I
	1194F	-
*	1195B	-
	1196B	-
*	1197D	-
	1198F	-
	1199E	-
	1201J	E
	1202AJ	I
*	1204E	-
	1209W	I
*	1210P	I
	1212L	I
*	1213H	E
	1214T	I
	1215R	I
	1216P	I
*	1217H	I
	1220M	I
	1221A	I,E
*	1222C	-
*	1223H	-
	1224K	I
	1225K	I
	1227M	E,I
	1228K	I
	1231H	-
	1232F	I
*	1233G	-
*	1240C	-
	1241C	-
	1260P	-
	1262U	E
	1264P	E
*	1265R	E
	1267H	E
	1269A	E
	1270H	I,P
	1271J	I,P
	1272M	E
	1273K	E
	1274J	-
	1276E	E
	1279C	N
	1281	-
*	1282A	-
	1300	I
	1302F	Q
	1303C	Q
*	1304L	Q
*	1306H	Q
*	1307G	Q

	*1310G	Q
	1311AA	N
	*1312M	N
	*1313E	Q
	1314T	N
	*1315G	Q
	*1316H	Q
	*1317H	Q
	*1318J	Q
	*1319G	Q
	*1320M	N
	*1321P	N
	*1322L	N
	*1323K	Q
	1324K	N
	*1325R	N
	*1327G	N
	*1328H	Q
	*1330E	N
	*1331D	Q
	*1333P	N
	*1334K	N
	1335L	N
	1337AB	N
	*1338N	N
	*1339G	N
	*1340F	-
	*1341H	N
	*1342L	N
	*1346L	N
	*1347E	Q
	*1348P	N
	1349N	N
	*1351K	I
	1352R	N
	1353J	-
	*1355J	-
	*1356T	-
	*1358G	N
	*1359F	N
	*1360E	N
	*1361E	I
	*1362D	Q
	1364C	Q
	1365R	N
	*1367D	Q
	*1368E	I
	1369H	N
	1370G	I
	1372D	I
	*1373H	N
	*1374C	Q
	1375R	N
	1376K	N
	*1377C	-
	1378K	N
	*1379M	N
	*1380E	Q
	*1381C	N
	1382G	N
	*1383E	N
	*1384B	N
	*1385D	N
	*1386P	N
	*1387D	N
	*1388D	N
	*1389E	N,P
	*1390E	E
	*1392G	E,I
	*1393G	N
	*1394F	E,I
	*1395H	E,I
	1397C	N
	*1398B	N
	*1404C	I,E,P
	1405A Development	
	*1419H	I
	1422AF	E,I,P
	1426M	I,P

	* 1427A	
	* 1428A	I,E
	1429A	I,E
	1430A Development=>Prod	
	* 1431B	I,E
	1432A	I,P
	* 1433A	I
	1434A	-
	1435	I
	* 1436B	I
	* 1437C	I,P
	* 1438A	
	* 1439A	I,E
	1440A	I,E
	1447K	I
	1448E	I
	* 1449F	I
	1451W	I
	1455W	I
	* 1456T	I
	1464C	-
	1467F	E,I
	1468D	-
	1469N	I
	1471L	I
	1472E	I,P
	1474D	-
	1475C	-
	* 1476D	I
	1477C	I
	* 1478D	-
	* 1479A	-
	1480AA	I,E
	1483D	I,P
	1484W	I,E
	* 1485J	I
	1487K	E,I
	1489E	I
	1490F	
	1493D	
	1495F	E,I
	1496D	E,I,P
	1498A	I
	1499A	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	
	* 36000W	N
	* 36001H	N
	36002G	N
	36003N	N
	* 36004F	N
	* 36007J	N
	* 36008G	N
	* 36009E	N
	* 36010F	N
	* 36011F	N
	36013J	N
	36014H	N
	* 36015J	N
	* 36016J	N
	* 36017J	N

	* 36019G	N
	36020G	N
	36022F	N
	* 36023D	N
	* 36024B	
	* 36025G	N
	* 36026F	N
	36027H	N
	36028F	N
	36029K	N
	36030F	N
	* 36031H	N
	* 36032G	N
	36033E	N
	* 36035K	N
	* 36036E	N
	36038E	N
	36040B	N
	* 36043F	-
	* 36045F	N
	36047J	N
	* 36048G	N
	* 36050G	N
	36052B	N
	36053G	N
	36054E	N
	36055C	
	* 36056D	
	* 36057F	N
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	* 36060C	N
	36061C	N
	36063C	N
	* 36064C	N
	* 36066C	N
	* 36067E	N
	* 36071C	N
	* 36072E	N
	* 36074D	Q
	* 36075C	N
	36076B	Q
	36081C	Q
	36084B	N
	36085R	E,N
	36086D	N
	* 36087L	N
	* 36090B	-
	* 36092C	N
	36093C	N
	* 36095J	E
	36096E	E
	36097F	N
	* 36098B	N
	36099F	N
	* 36100H	N
	36101C	P,Q
	* 36102C	N
	* 36103C	N
	36104G	E,P
	* 36105A	N
	* 36106A	N
	36107A	-
	36108C	E
	36109	N
	* 36110A	-
	36111B	N
	36112C	N
	36114A	N
	36116E	N
	36117J	N
	36118G	N
	36119D	N
	36120C	E
	36121C	E
	* 36123A	E
	36127A	N
	* 36129A	N
	* 36130C	I
	36133	-

	36134A	I
*	36136A	N
	36138 New	
	36140E	I
	36142D	-
	36145	N
*	36150H	-
*	36151F	E
	36152A (Obsolete)	E
	36156A (Obsolete)	N
	36157D	-
	36158A	
*	36159C	
	36160D	I,E
*	36163A	
*	36170C	-
	36176 New	
*	36177B	E
	36180E	Q
	36195 (Obsolete)	Q
*	36198E	Q
*	36200C	N
*	36201A	N
	36202	E
	36204 (New)	
	36206E (Redacted)	E,Q
	36207	E
	36209 New	
	36210C	N
	36211D	N
	36220D	E
	36221D	N
	36222A	N
*	36230B	N
	36240F	N
	36241A	N
	36242A	E
	36243A	E
	36245B	N
	36246C	N
*	36247C	
*	36250B	E
	36252C	Q
*	36254A	
	36255A (Development to Production)	
	36260C	Q
*	36261B	E
	36265A	E
*	36270B	E
*	36275C	E
	36280C	I
	36281D	I
	36282 New	
*	36285A	N
*	36286A	
	36290B	E,P
	36291B	E,P
	36294 New	
	36298 New	
	36299 New	
	36301C	E
	36302B	E,P
	36303A	E,P
*	36304C	E,P
	36305B	E,P
	36306C	E,P
	36307A	E,P
	36309B	E,P
	36310 Development -New	
	36311 Development -New	
*	36313B	
	36314A	I
	36318	N
	36319	N
	36321C	E,I
	36322A	E,P
	36323	E
*	36325B	N,P

	* 36326B	N,P
	* 36327B	N,P
	* 36328B	N,P
	36330D	E,P
	36331D	N
	* 36332C	N
	36333B	N
	36334	N
	36336	N,P
	36339D	N
	* 36341C	E
	36345	N
	36346	N
	36347	N
	36348	N
	36349D	N,P
	* 36350D	N,P
	* 36351D	-
	36352D	-
	36353D	N
	* 36354J	N
	36355A	N
	36356G	N
	* 36358B	N
	36361J	N
	* 36363B	E
	* 36364D	N
	36367B	
	36368D	N
	36369B	E
	* 36370C	Q
	36371F	
	36372H	N
	36373C	N
	36374A	
	* 36375B	N
	* 36376C	N
	* 36377C	-
	* 36380A	
	36381	N
	36382 New	
	* 36385C	N
	36386	E,P
	36388 New	
	* 36390C	N,P
	* 36392B	E,P
	* 36393B	E,P
	36395F	E
	* 36400C	N
	* 36401C	N
	* 36402D	N
	* 36403D	N
	* 36404D	N
	* 36405E	N
	* 36406F	N
	* 36407J	N
	* 36408F	N
	* 36409D	N
	* 36410D	N
	36411F	N
	* 36412C	N
	* 36413C	N
	* 36414E	N
	36415	N
	* 36416B	N
	* 36417C	N
	36418K	N
	* 36419L	N
	* 36420C	N
	36421F	N
	* 36422K	N
	* 36423B	
	36424C	N
	36425G	N
	36426C	N
	36427D	N
	36428	N
	36429A	N
	36430A	N

	36431G	N
*	36432C	N
	36433H	N
	36434F	N
	36435E	N
	36436B	N
*	36437B	N
*	36438C	N
	36440A	N
*	36441A	N
*	36442B	N
	36443G	N
*	36444C	N
	36445E	E
*	36446C	N
	36447B	N
*	36448B	N
	36450K	
*	36451D	N
*	36452D	E,N
	36453K	N
	36454C	N
	36455B	N
*	36456D	N
*	36457C	N
*	36458C	N
	36459E	N
*	36460D	N
*	36461C	N
	36462B	N
*	36463B	N
*	36464C	N
*	36465B	N
	36466C	N
	36467	N,P
*	36468B	N
	36474	N
	36475A	N
	36476	N
	36477A	N
	36478A	N
	36479	N
	36480	N
	36481A	N
	36482D	N
*	36483B	N
*	36484C	N
*	36485A	N
	36486	N
	36487A	N
	36489	Q
	36490D	N
	36491B	N
	36493B	N
	36497A	E
	36498A	E
	36499A	E
	36500A	N
*	36501C	N
*	36502C	N
*	36503B	N
*	36504B	N
*	36505C	N
*	36506B	N
*	36507D	N
*	36508C	
	36509F	N
	36510F	N
*	36511A	N
	36512B	N
*	36513C	-
*	36514D	N
	36515B	N
	36516H	N
	36518C	-
*	36519D	N
	36520A	N
	36521A	N
	36522	E

	36530A	E
	36545P	N
	* 36546B	E,Q
	36550B	E,Q
	36555	N
	+ 36564 New	
	* 36568A	N
	* 36569A	N
	36579 New	
	36595B	N
	* 36599B	-
	36600F	C
	36603E	-
	36604D	N
	36610G	E,C,Q
	* 36611A	N
	* 36612A	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
	* 36700E	-
	* 36701D	-
	* 36702A	Q
	36704B	N
	36705C	N
	36706	N
	36707B	N
	* 36708B	N
	36709B	N
	36710	N
	36711B	N
	36712	N
	36739C	N
	* 36745C	N
	* 36746B	N
	* 36747B	N
	* 36750C	N
	* 36751H	N
	* 36752C	N
	* 36753D	N
	36755D	N
	* 36756D	N
	* 36757D	N
	* 36758B	N
	* 36759B	N
	36760C	N
	36761A	N
	36762 New	
	+ 36767 New	
	36779 New	
	36800V	E,C,Q
	* 36801D	C
	* 36803B	-
	* 36804C	C
	36806B	N
	36807C	C
	* 36808A	C
	36820C	E
	36821C	E
	* 36824B	-
	36840E	E,P
	36841C	E,P
	* 36842C	E,P
	36849	Q
	* 36859A	E
	36860F	E,C,Q

	36900J	C
	36901E	-
	36904	E
	36905A	E
	36906F	Q
	36907 A	E
	36909	E
	36910C	E,C,Q
	* 36913D	N
	36915	Q
	36916	
	36917	E
	36920B	E
	* 36925A	
	36930E	Q
	36932K	P
	36933B	Q,P
	* 36935D	N
	* 36937G	N
	36946	N
	* 36947F	N
	* 36948F	N
	* 36949B	-
	36950K	E,Q
	36951C	Q
	36952K	E,P
	36953E	N,Q
	36955E	E
	36959E	E,P
	36960B	Q
	36961B	N
	36962	-
	36963C	E
	36964A	
	36965E	Q
	36968A	E
	36970A	Q
	36971	E
	* 36972B	E
	* 36974A	E,P
	* 36975A	N,Q
	36990	
	36999E	E
	79055 New	
	79059	E
	* 79151A	

* 79200F	I
79201 New	
79210A	N
* 79220B	I
79255 New	
79301	E
79302A	E
79304B	-
79305A	-
79306A	-
79307	-
79308	-
79309	-
79311B	-
79312A	-
79313A	-
79315A	-
79316A	-
79317 New	
79321C	-
79332C	-
79333A	-
79341E	-
79345B	-
79346	
79357	-
79360B	-
79418 (New)	
* 79547A	I
79555 (New)	I
79575 (New)	-
* 79583A	I
* 79800A	N
79802	N
79803 New	
+ 79818 New	
79822 New	
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 7/5/2011  
 + Added Since Previous Edition of 7/5/11  
 Revision Date 10/2011  
 Updated Quarterly



**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
2430B	Q
2433	E
2470C	Q
2471B	-
2515A	-
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	
+ 7310 New	
7470B	
7471D	
7473C	
7477B	
7478B	
7875	
7879	

\* Revised Since Previous Edition of 7/5/2011

+ Added Since Previous Edition of 7/5/11

Revision Date 10/2011





**Quality Requirements Engineering Specifications  
Standards**

<b>Bond Inspection Standards</b>	
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-13B	

<b>Composite Inspection Standard</b>	
CIS-1A	New Standard

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

<b>Crystallographic Verification Standards</b>	
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-12K	
CVS-13B	Cancelled - Use CVS-12

<b>Dimensional Control Standards</b>	
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-1-34D	
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	
DCS-1-48C	
DCS-1-49D	
DCS-1-50C	
DCS-1-51D	
DCS-1-52D	
DCS-1-53C	
DCS-1-54B	
DCS-1-55E	
DCS-1-56E	
DCS-1-57K	
DCS-1-58T	
DCS-1-59H	
DCS-1-60J	
DCS-1-61E	
DCS-1-62G	
DCS-1-63G	
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-10L	
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-23T	
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-68B 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-163E	
	DCS-164A	Cancelled
	DCS-165C	
	DCS-166A	
	DCS-167A	
	DCS-168A	
	DCS-169B	
	DCS-170A	
	DCS-171A	
	DCS-172B	
	DCS-173F	Redacted
	DCS-174C	
	<a href="#">DCS-174 App. EF</a>	
	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-56 New	
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-15N	
EIS-17F	
EIS-19F	
EIS-20A	
EIS-21C	Redacted
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

QUALITY STNDS

FPS-28B	Cancelled
FPS-30H	
FPS-31D	
FPS-32C	
FPS-33E	
FPS-34D	
FPS-35A	Cancelled
FPS-36C	Cancelled
FPS-37V	
FPS-38N	Redacted
FPS-39C	Cancelled
FPS-40D	Cancelled-Use FPS-38 Code A
FPS-41K	Redacted
FPS-42A	Cancelled
FPS-43A	Cancelled
FPS-44A	
FPS-45A	Cancelled
FPS-46P	Redacted
FPS-47N	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

QUALITY STNDS

FPS-708A	Obsoleted-No further requirements
FPS-709H	
FPS-A-Vendor A	
FPS INDEX	Cancelled-No further requirements

Fluorescent Penetrant and/or Visual Inspection Standards	
FPVS-1G	
FPVS-2U	
FPVS-3A	Cancelled-Use FPS-98 and VIS-438
FPVS-4D	Redacted
FPVS-5A	
FPVS-6E	
FPVS-7A	
FPVS-8A	
FPVS-9D	
FPVS-10M	
FPVS-11E	
FPVS-13F	Redacted
FPVS-14B	Cancelled-Use MTP20 and MTP54
FPVS-15E	
FPVS-16A	
FPVS-17B	Cancelled-Use MTP73
FPVS-18E	
FPVS-19F	
FPVS-20D	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-16C	Redacted
GSS-17C	
GSS-18E	
GSS-19B	Cancelled-Use EIS-17
GSS-21C	
GSS-22B	
GSS-23A	
GSS-24B	
GSS-25G	Redacted
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-301D	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

QUALITY STNDS

MPS-8	Cancelled
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-73E	
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

<b>Neutron Radiographic Standards</b>	
NRS-1A	

<b>Supplemental Acceptance Standards</b>	
SAS-1T	
SAS-2N	
SAS-3E	Cancelled-Use VIS-544

QUALITY STNDS

SAS-4D	Cancelled
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-56B	
SAS-57A	
SAS-58B	
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

QUALITY STNDS

SFS-85E	Cancelled-Use PWA 362-11
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-43H	
SIS-44G	
SIS-45E	
SIS-47A	
SIS-48E	
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
SIS-373A	

QUALITY STNDS

Surface Tempter Standards	
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-4AF	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-21W	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-27F	Redacted
VIS-28C	
VIS-29E	
VIS-30S	
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-39K	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-67D	Redacted
VIS-68C	Cancelled-Use VIS-109
VIS-70B	Obsoleted
VIS-71A	Obsoleted
VIS-72K	
VIS-73A	Obsoleted
VIS-74E	
VIS-75	Obsoleted

QUALITY STNDS

VIS-77A	Obsoleted
VIS-79	Obsoleted
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-103AF & 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-150L	Redacted
VIS-151C	
VIS-152E	
VIS-153C	
VIS-154E	
VIS-155C	Redacted
VIS-158B	
VIS-159C	
VIS-160D	
VIS-161C	
VIS-163K	Redacted
VIS-165E	
VIS-166A	Obsoleted-No further requirements
VIS-167H	Redacted
VIS-168A	Cancelled-No further requirements
VIS-174B	
VIS-175C	
VIS-176A	Obsoleted-No further requirements
VIS-177D	
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

QUALITY STNDS

VIS-196B	Cancelled
VIS-197G	
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-211C	Redacted
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-226J	Redacted
VIS-227C	
VIS-228B	
VIS-229G	
VIS-230H	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-252K	Redacted
VIS-253F	Cancelled-Use VIS-544
VIS-254A	
VIS-255A	
VIS-256H	
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-286Y	
VIS-287A	
VIS-288C	
VIS-290F	
VIS-291A	
VIS-292C	Cancelled-Engines for which VIS-292 is specified shall
VIS-293H	Redacted
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	

QUALITY STNDS

VIS-309D	
VIS-310B	
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	

QUALITY STNDS

VIS-438A	
VIS-439A	Cancelled-Use VIS-454 Code A
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-481J	
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-497f	
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-505E	Redacted
VIS-506F	
VIS-508A	
VIS-509F	
VIS-510A	
VIS-511E	
VIS-512B	
VIS-513E	
VIS-515C	
VIS-516A	
VIS-517B	
VIS-518A	
VIS-519A	
VIS-520A	
VIS-521B	
VIS-522A	
VIS-523K	
VIS-525J	
VIS-526G	
VIS-527M	Redacted
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-538B	Redacted
VIS-541A	
VIS-542C	Cancelled-Use VIS-544
VIS-543J	
VIS-544K	Redacted
VIS-545D	
VIS-546G	Redacted

QUALITY STNDS

VIS-547E	
VIS-548A	
VIS-549J	
VIS-550B	
VIS-552B	
VIS-553A	
VIS-554D	
VIS-555G	
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-570J	
VIS-571B	
VIS-572C	
VIS-573F	
VIS-574C	
VIS-575A	
*VIS-576P	
VIS-578B	
VIS-579A	
VIS-581A	
VIS-583B	
VIS-584C	
VIS-585A	
VIS-586A	
VIS-588B	
VIS-590A	
VIS-591B	
*VIS-592B	
VIS-593D	
VIS-594B	
VIS-595A	
VIS-596A	
VIS-597A	
VIS-598G	
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-619	
VIS-620C	
VIS-622A	
VIS-625	Revision N/C
VIS-626	
VIS-627	
VIS-631	
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-4C	Redacted
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

QUALITY STNDS

XRS-17H	Redacted
XRS-18E	
XRS-19A	Cancelled
XRS-20H	
XRS-21B	
XRS-22	Obsoleted
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-32P	Redacted
XRS-33P	Redacted
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-44E	Redacted
XRS-45W	
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-81C	
XRS-82B	
XRS-83F	
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-106B	
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	

QUALITY STNDS

XRS-301B	Cancelled-Use XRS-306
XRS-302B	
XRS-303B	
XRS-304A	Cancelled-No Further Requirements
XRS-305B	
XRS-306D	
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-319EF	
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 7/5/2011  
+ Added Since Previous Edition of 7/5/11  
Revision Date 10/2011  
Updated Quarterly



### 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-054E
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-1001N

\* Revised Since Previous Edition of 7/5/2011

+ Added Since Previous Edition of 7/5/11

Revision Date 10/2011

Updated Quarterly





**Pratt & Whitney**  
A United Technologies Company

**MATERIALS CONTROL  
LABORATORY**

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

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: \_\_\_\_\_