iopo			Created Date	Created By	Change Date	Changed By	r	IP Number
	A Schlumberger Compar		15 JUN 2015	QMTMIG1	15 JAN 2021	188896		IP_DPC04000_01
1	NSPECTION PLAN DESCRIPTIO		E ASSEMBLIES AND COM				Revision	Change Number:
I	Noi Echont Ean Deochi Ho			I ONEINIG USED IN			4	5110499
/ALVE	ASSEMBLIES AND COMPONE	NTS USED IN C	ONTROL SYSTEMS					
			Su	mmarized Inspection Pla	an Cover page:			
PERA	TION ACTIVITY : 0010	URVEILLANCE	DEFINITIONS					SAMPLE PLAN
010	DDF000Z1 SURVEILLA	NCE DEFINITIO	NS					
PERA	TION ACTIVITY : 0020	IONCONFORM/	ANCE CONTROL					SAMPLE PLAN
010	DNCRNN38 NONCONFC	ORMANCE CON	TROL					ZPCS100%
PERA	TION ACTIVITY : 0030	PRE-MANUFACT	URING MEETING					SAMPLE PLAN
010	DPMHNN01 PRE-PRODU	JCTION MEETIN	NG					
PERA	TION ACTIVITY : 0040	IECHANICAL TE	ESTING					SAMPLE PLAN
010	DMCRNN01 MECHANIC	AL TESTING						ZPCS01
PERA	TION ACTIVITY : 0050	HEMICAL ANAI	LYSIS					SAMPLE PLAN
010	DMCRNN02 CHEMICAL	ANALYSIS						ZPCS01
PERA	TION ACTIVITY : 0060	IEAT TREAT CO	ONTROL					SAMPLE PLAN
010	DMCRNN03 HEAT TREA	T CONTROL						ZPCS01
PERA	TION ACTIVITY : 0070 T	RACEABILITY /	SET-OUT					SAMPLE PLAN
010	DISMNN03 SET-OUT TR	RACEABILITY						ZPCS100%
PERA	TION ACTIVITY : 0080	ERIALIZATION	/ MARKING					SAMPLE PLAN
010	DIMMNN07 MARKING							ZPCS100%
PERA	TION ACTIVITY : 0090	ART HARDNES	S					SAMPLE PLAN
010	DNHRNN36 PART HARD	NESS						21201500
PERA	TION ACTIVITY : 0100	REPAIR WELDS						SAMPLE PLAN
010	DWANNN08 WELD AUTH	ORIZATION						

<sup>1</sup> REVISION LEVEL IS CURRENT REVISION UNLESS OTHERWISE NOTED.		
<sup>2</sup> INTERNAL DOCUMENTATION AS SPECIFIED IN CAMERON PROCEDURES.	QMU	

IP Number IP\_DPC04000\_01

Prope	rty of		Created Date	Created By	Change Date	Changed B	у	IP Number
		CAMERON Chlumberger Company	15 JUN 2015	QMTMIG1	15 JAN 2021	188896		IP_DPC04000_01
							Revision	Change Number:
I	INSPECTION PLAN	DESCRIPTION:	VALVE ASSEMBLIES AND COMF	ONENTS USED IN			4	5110499
OPERA	TION ACTIVITY :	0110 DIMENS	ONAL VERIFICATION				- 1 1	SAMPLE PLAN
0010	DDLRNN14	DIMENSIONAL INSP	PECTION					21201500
OPERA	TION ACTIVITY :	0120 VISUAL I	NSPECTION					SAMPLE PLAN
0010	DVIRNN97	VISUAL EXAMINAT	ON					ZPCS100%
OPERA	TION ACTIVITY :	0130 COATING	G / PAINTING					SAMPLE PLAN
0010	DCOMNN13	COATING / PLATING	3					ZPCS100%
	I							
OPERA	TION ACTIVITY :	0140 DOCUMI	ENTATION					SAMPLE PLAN
0005	DRIAD001	DOCUMENTATION	CONTENT REQUIREMENTS					
0010	DDORNN05	DOCUMENTATION	REVIEW					ZPCS100%
0020	DRCOC001	CERTIFICATE OF C	OMPLIANCE					
0030	DRTRA002	TRACEABILITY REC	CORDS					
0040	DRTRA008	RECORD TRACEAE	BILITY					
0050	DRTRA009	TRACEABILITY SHE	ET					
0060	DRMTR009	MATERIAL TEST RE	EPORTS					
0070	DRHTT005	HEAT TREATMENT	CONTROL RECORDS					ZPCS100%
0080	DRDIM0Z1	DIMENSIONAL INSP	PECTION RECORDS					
0090	DRDVI001	VISUAL INSPECTIO	N REPORTS					
0100	DRAPT001	FINAL ASSEMBLY 1	EST REPORT					
0110	DRPTR0Z1	PRESSURE TEST F	ECORDS					
0120	DRFAT001	FACTORY ACCEPT	ANCE TEST RECORDS					
0130	DRCOT001	COATING/PAINTING	G DOCUMENTATION					
0140	DRPRE001	PRESERVATON RE	PORT					
OPERA	TION ACTIVITY :	0150 STORAG	E / SHIPPING					SAMPLE PLAN
0010	DSRMNN15	RUST PREVENTAT	VE					ZPCS100%
0020	DSEMNN16	SURFACE PROTEC	TION					ZPCS100%
0030	DSDMNN02	FLUSHING						ZPCS100%

<sup>1</sup> REVISION LEVEL IS CURRENT REVISION UNLESS OTHERWISE NOTED.		IP Number
<sup>2</sup> INTERNAL DOCUMENTATION AS SPECIFIED IN CAMERON PROCEDURES.	QMU	IP_DPC04000_01

Property o	CAMERON	Created Date	Created By	Change Date	Changed By		IP Number
	A Schlumberger Company	15 JUN 2015	QMTMIG1	15 JAN 2021	188896		IP_DPC04000_01
INSPE	ECTION PLAN DESCRIPTION:	VALVE ASSEMBLIES AND COM	PONENTS USED IN		Rev	evision 4	Change Number: 5110499

INSPECTION / TEST INSPECTION ACTIVITY ID NUMBER		REFERENCE STANDARD <sup>1</sup>	PROCEDURE AND/OR ACCEPTANCE CRITERIA, METHOD, DOCUMENTATION REQUIREMENT <sup>2</sup>	SAMPLE PLAN	
OPER	ATION ACTIVITY :	0010	SURVEILLANCE DEFI	NITIONS	
0010	SURVEILLANCE DEFINITIONS	DDF000Z1	CAMERON REQUIREMENT	SURVEILLANCE DEFINITIONS HOLD POINT - ACTIVITY THAT REQUIRES TWO WORKING DAYS ADVANCE NOTIFICATION FOR WORK PERFORMED AT FACILITIES WITH RESIDENT SURVEYORS, OR FIVE WORKING DAYS AT OTHER FACILITIES. WORK SHALL NOT PROCEED BEYOND THIS POINT WITHOUT WRITTEN CONFIRMATION OF WAIVER. WITNESS POINT - ACTIVITY THAT REQUIRES TWO WORKING DAYS ADVANCE NOTIFICATION FOR WORK PERFORMED AT FACILITIES WITH RESIDENT SURVEYORS, OR FIVE WORKING DAYS AT OTHER FACILITIES. WORK MAY PROCEED ON SCHEDULE SHOULD THE REPRESENTATIVES FAIL TO SHOW FOR THE ACTIVITY. WAIVER OF NOTIFICATION REQUIREMENTS SHALL BE IN WRITING. MONITOR POINT - ACCESS SHALL BE PROVIDED TO ALLOW SURVEILLANCE ON SITE AND AT SUB-SUPPLIERS. MONITORING ACTIVITIES ARE NOT RESTRICTED TO SPECIFICALLY IDENTIFIED MONITOR POINTS AND WILL NOT BE SUBJECT TO ANY FORMAL NOTIFICATION, THOUGH MANUFACTURING PERSONNEL ARE EXPECTED TO SHARE PLANNING AND SCHEDULING INFORMATION. REVIEW POINT - APPROPRIATE RECORDS OF THE ACTIVITY SHALL BE PROVIDED FOR REVIEW. WHERE PRACTICAL, REVIEW OF RECORDS SHALL TAKE PLACE PROGRESSIVELY THROUGHOUT THE MANUFACTURE AND TEST PROCESS. START-UP - ACTIVITY THAT REPRESENTS THE FIRST TIME A PROCESS OR PROCEDURE IS USED IN A SPECIFIC WORK ORDER, OR PURCHASE ORDER. ACTIVITIES WITH START-UP SURVEILLANCE REQUIREMENTS REVERT TO "MONITOR" FOR SUBSEQUENT PROCESSING. CAMERON SOURCE INSPECTION - ACTIVITY THAT REQUIRES PROVIDING TWO WORKING DAYS ADVANCED NOTIFICATION FOR INSPECTION OR WITNESS OF INSPECTION BY CAMERON REPRESENTATIVE. ACTIVITES WAIVED BY CAMERON SHALL BE IN WRITING.	

OPER/	ATION ACTIVITY :	0020	NONCONFORMANCE	IONCONFORMANCE CONTROL				
10010	NONCONFORMA NCE CONTROL	DNCRNN38	CAMERON BOM	NONCONFORMANCE CONTROL CAMERON SHALL BE NOTIFIED BY THE VENDOR OF NONCONFORMANCES TO THE APPROVED MPS, INSPECTION PLAN AND ANY NONCONFORMANCE REQUIRING RE-HEAT TREATMENT OR RE-TESTING OF MATERIAL. SURVEILLANCE CAMERON : REVIEW THIRD PARTY : NONE CUSTOMER : NONE DOCUMENT REQUIREMENTS: NONCONFORMANCE REPORT	Sample 100%			
				SAMPLE SIZE: 100%				

OPER	ATION ACTIVITY :	0030	PRE-MANUFACTURIN	IG MEETING	
0010	PRE- PRODUCTION MEETING	DPMHNN01		PRE-PRODUCTION MEETING A PRE-PRODUCTION MEETING IS REQUIRED WHEN ONE OR MORE OF THE FOLLOWING APPLIES: 1. A SUPPLIER IS MANUFACTURING THE PART(S) FOR THE 1ST TIME.	

<sup>1</sup> REVISION LEVEL IS CURRENT REVISION UNLESS OTHERWISE NOTED.	0141	IP Number
<sup>2</sup> INTERNAL DOCUMENTATION AS SPECIFIED IN CAMERON PROCEDURES.	QMU	IP_DPC04000_01

Property of CAMERON	Created Date	Created By	Change Date	Changed By		IP Number
A Schlumberger Company	15 JUN 2015	QMTMIG1	15 JAN 2021	188896		IP_DPC04000_01
INSPECTION PLAN DESCRIPTION: VALVE ASSEMBLIES AND COMPONENTS USED IN						5110499

11					REFERENCE STANDARD <sup>1</sup>	PROCEDURE AND/OR ACCEPTANCE CRITERIA, METHOD, DOCUMENTATION REQUIREMENT <sup>2</sup>	SAMPLE PLAN
				2. WHEN A MAJOR CHANGE HAS BEEN MADE TO THE DESIGN, MATERIAL SPECIFICATION OR INSPECTION PLAN. 3. A CAMERON FACILITY SPECIFIES IN THE SUPPLIER'S PURCHASE ORDER THAT PRE- PRODUCTION MEETING IS REQUIRED. 4. WHEN THE SUPPLIER HAS NOT MANUFACTURED THE SPECIFIC PART(S) FOR ONE YEAR. NOTE: PRE-PRODUCTION MEETINGS, AT THE OPTION OF THE APPLICABLE CAMERON FACILITY, CAN BE HELD FORMALLY OR INFORMALLY VIA TELEPHONE CONFERENCE AT CAMERON'S FACILITY OR SUPPLIER'S FACILITY. SURVEILLANCE CAMERON : HOLD THIRD PARTY : NONE CUSTOMER : NONE DOCUMENT REQUIREMENTS: MINUTES OF MEETING RECORDED AND RETAINED BY CAMERON AFTER THE PRE-PRODUCTION MEETING IS HELD. SAMPLE SIZE: PRIOR TO START OF WORK			

OPER	ATION ACTIVITY :	0040	MECHANICAL TESTIN	CAL TESTING				
0010	MECHANICAL TESTING	DMCRNN01	CAMERON BOM; MATERIAL SPECIFICATION	MECHANICAL TESTING VERIFICATION OF EACH HEAT OF STEEL TO CAMERON MATERIAL SPECIFICATION OR INDUSTRY STANDARD FOR QTC MECHANICAL PROPERTIES, HARDNESS, AND IMPACTS. DOCUMENT QTC RESULTS FOR MECHANICAL PROPERTIES, IMPACTS AND HARDNESS, INCLUDING A STATEMENT OF COMPLIANCE TO THE CAMERON MATERIAL SPECIFICATION. SURVEILLANCE CAMERON : REVIEW THIRD PARTY : NONE CUSTOMER : NONE DOCUMENT REQUIREMENTS: QUALITY TEST COUPON RESULTS REPORT DOCUMENTS SHALL COMPLY WITH EN10204 (DIN 50049) 3.1. SAMPLE SIZE: PER HEAT NUMBER	Standard Sampling Procedure			

OPER	ATION ACTIVITY :	0050	CHEMICAL ANALYSIS	HEMICAL ANALYSIS				
0010	CHEMICAL ANALYSIS	DMCRNN02	CAMERON BOM	CHEMICAL ANALYSIS VERIFY THE CHEMICAL COMPOSITION OF RAW MATERIAL TO THE CAMERON MATERIAL SPECIFICATION OR INDUSTRY STANDARD. DOCUMENT ACTUAL WEIGHT-PERCENT OF ELEMENTS LISTED BY THE MATERIAL SPECIFICATION. SURVEILLANCE CAMERON : REVIEW THIRD PARTY : NONE CUSTOMER : NONE DOCUMENT REQUIREMENTS: MATERIAL TEST REPORT DOCUMENT REQUIREMENTS: MATERIAL TEST REPORT DOCUMENTATION SHALL COMPLY WITH EN10204 (DIN 50049) 3.1. SAMPLE SIZE: PER HEAT NUMBER	Standard Sampling Procedure			

**OPERATION ACTIVITY :** 

0060 HEAT TREAT CONTROL

<sup>1</sup> REVISION LEVEL IS CURRENT REVISION UNLESS OTHERWISE NOTED.		IP Number	
<sup>2</sup> INTERNAL DOCUMENTATION AS SPECIFIED IN CAMERON PROCEDURES.	QMU	IP_DPC04000_01	

	Property of CAMERON		Created Date	Created By	Change Date	Changed By		IP Number
		A Schlumberger Company	15 JUN 2015	QMTMIG1	15 JAN 2021	188896		IP_DPC04000_01
ľ			VALVE ASSEMBLIES AND COMPONENTS USED IN					Change Number:
	INSPECT	ECTION PLAN DESCRIPTION:	VALVE ASSEMBLIES AND COMP	ONENTS USED IN			4	5110499

INSPECTION / TEST		INSPECTION REFERENCE		PROCEDURE AND/OR ACCEPTANCE CRITERIA, METHOD, DOCUMENTATION	SAMPLE PLAN
ACTIVITY		ID NUMBER STANDARD <sup>1</sup>		REQUIREMENT <sup>2</sup>	
0010	HEAT TREAT CONTROL	DMCRNN03	CAMERON BOM; MATERIAL SPECIFICATION	HEAT TREAT CONTROL VERIFY HEAT TREAT PARAMETERS TO CAMERON MATERIAL SPECIFICATION. VERIFY THAT DOCUMENTATION INCLUDES ACTUAL TEMPERATURES, TIMES AT TEMPERATURE, QUENCH MEDIA TYPE, TEMPERATURE MONITORING METHODS FOR THE PARTS AND QTC; AND FURNACE CALIBRATION DETAILS (CALIBRATED TO API 6A ANNEX M OR EQUIPVALENT INDUSTRY STANDARD) IN ACCORDANCE WITH CAMERON MATERIAL SPECIFICATION. SURVEILLANCE CAMERON : REVIEW THIRD PARTY : NONE CUSTOMER : NONE DOCUMENT REQUIREMENTS: HEAT TREATMENT CERTIFICATE OF COMPLIANCE SAMPLE SIZE: PER HEAT TREAT LOT	Standard Sampling Procedure

OPERA	OPERATION ACTIVITY : 0070		TRACEABILITY / SET-OUT				
0010	SET-OUT		CAMERON BOM	SET-OUT TRACEABILITY A UNIQUE TRACEABILITY SHALL BE MAINTAINED VIA A SET-OUT/TRACEABILITY REPORT WHEN TRACEABLE COMPONENTS ARE FABRICATED AND/OR ASSEMBLED TO OTHER TRACEABLE COMPONENTS. INCLUDING BOLTING TRACEABILITY. ACCEPTANCE CRITERIA ENSURE ALL CRITICAL ITEMS ARE LISTED ON THE SET-OUT-REPORT SURVEILLANCE CAMERON: MONITOR THIRD PARTY: NONE CUSTOMER: NONE DOCUMENT REQUIREMENTS: SET-OUT TRACEABILITY REPORT SAMPLE SIZE: 100%	Sample 100%		

OPER	ATION ACTIVITY :	0080	SERIALIZATION / MAR	SERIALIZATION / MARKING				
0010	MARKING	DIMMNN07	CAMERON BOM, D- NOTE, X-043764-01	MARKING VERIFY MARKING OF EACH PART IN ACCORDANCE WITH THE D-NOTE LISTED ON THE BILL OF MATERIAL (BOM) /DRAWING. ALL MARKING SHALL BE LEGIBLE AND IDENTIFIABLE. NOTE: WHEN APPLICABLE, THE SERIAL NUMBER SHOULD NOT EXCEED 18 CHARACTERS LONG. SURVEILLANCE CAMERON: MONITOR THIRD PARTY: NONE CUSTOMER: NONE DOCUMENT REQUIREMENTS: NONE SAMPLE SIZE: 100%	Sample 100%			

OPER	ATION ACTIVITY :	0090	PART HARDNESS		
0010	PART HARDNESS	DNHRNN36	CAMERON BOM X-008065	PART HARDNESS VERIFY HARDNESS OF COMPONENT TO CAMERON MATERIAL SPECIFICATION WHEN HARDNESS LOCATION IS SPECIFIED BY THE ENGINEERING DRAWING(AFTER ALL EXTERIOR MACHINING AND HEAT TREATMENT, INCLUDING STRESS RELIEF). HARDNESS VALUE TO BE STAMPED ON MATERIAL NEXT TO TEST LOCATION USING LOW STRESS STEEL STAMP. SURVEILLANCE CAMERON : REVIEW THIRD PARTY : NONE CUSTOMER : NONE	ISO 2859-1 Lev II AQL 1.5

<sup>1</sup> REVISION LEVEL IS CURRENT REVISION UNLESS OTHERWISE NOTED.	0141	IP Number
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Property of	Created Date	Created By	Change Date	Changed By	IP Number	
A Schlumberger Company	15 JUN 2015	QMTMIG1	15 JAN 2021	188896	IP_DPC04000_01	
INSPECTION PLAN DESCRIPTION:	VALVE ASSEMBLIES AND CO	MPONENTS USED IN		4	5110499	

INSPECTION / TEST ACTIVITY	INSPECTION ID NUMBER	REFERENCE STANDARD <sup>1</sup>	PROCEDURE AND/OR ACCEPTANCE CRITERIA, METHOD, DOCUMENTATION REQUIREMENT <sup>2</sup>	SAMPLE PLAN					
			DOCUMENT REQUIREMENTS: HARDNESS TEST REPORT						
			SAMPLE SIZE: LEVEL II 1.5 AQL						
	OAWI LE OIZE. EL VEL IT 1.5 AQL								
<b>OPERATION ACTIVITY :</b>	0100	REPAIR WELDS							

OPER	OPERATION ACTIVITY : 0100		REPAIR WELDS	
0010	WELD AUTHORIZATION	DWANNN08	CAMERON BOM	WELD AUTHORIZATION VERIFY THAT NO WELDING AND/OR REPAIR WELDING HAS BEEN PERFORMED. SURVEILLANCE CAMERON : NONE THIRD PARTY : NONE CUSTOMER : NONE DOCUMENT REQUIREMENTS: NO WELD STATEMENT IN THE MTR

OPER	ATION ACTIVITY :	0110	DIMENSIONAL VERIFICATION				
0010	DIMENSIONAL INSPECTION	DDLRNN14	CAMERON BOM	DIMENSIONAL INSPECTION (COMPONENT, PRESSURE CONTAINING/SEALING) PERFORM DIMENSIONAL INSPECTION PER APPLICABLE DRAWING. INDICATE PASS/FAIL STATUS ON COMPONENT OR ON RECORDS TRACEABLE TO COMPONENT. ASSEMBLY: NOT APPLICABLE SURVEILLANCE CAMERON: REVIEW THIRD PARTY: NONE CUSTOMER: NONE DOCUMENT REQUIREMENTS: DIMENSIONAL INSPECTION REPORT SAMPLE SIZE: LEVEL II 1.5 AQL	ISO 2859-1 Lev II AQL 1.5		

OPE	RATION ACTIVITY :	0120	VISUAL INSPECTION		
001	VISUAL EXAMINATION	DVIRNN97	REQUIREMENT	VISUAL EXAMINATION EXAMINE SUPPLY PORTS ON SEAL PLATES FOR DEBRIS, BURR'S AND FOREIGN CONTAMINATION. SUPPLY PORTS WILL BE MAGNIFIED AT 120X MINIMUM MAGNIFICATION DURING INSPECTION. SEAL RINGS SEALING SURFACE SHOULD BE VISUALLY INSPECTED. SURVEILLANCE CAMERON : REVIEW THIRD PARTY : NONE CUSTOMER : NONE DOCUMENT REQUIREMENTS: VISUAL INSPECTION REPORT SAMPLE SIZE: 100%	Sample 100%

0010 COATING / PLATING DCOMNN13 CAMERON BOM COATING / PLATING VERIFY THAT COATINGS OR PLATINGS ARE PROCESSED AND INSPECTED PER THE APPLICABLE PLATING OR COATING SPECIFICATIONS ON THE BILL OFMATERIAL. VERIFY DOCUMENTATION FOR COATING OR PLATING TO THE REQUIREMENTS OF THE Sample 100%	OPERATION ACTIVITY : 0130			COATING / PAINTING		
SURVEILLANCE CAMERON : MONITOR THIRD PARTY : NONE CUSTOMER : NONE DOCUMENT REQUIREMENTS: COATING VERIFICATION REPORT SAMPLE SIZE: 100%	0010		DCOMNN13	CAMERON BOM	VERIFY THAT COATINGS OR PLATINGS ARE PROCESSED AND INSPECTED PER THE APPLICABLE PLATING OR COATING SPECIFICATIONS ON THE BILL OFMATERIAL. VERIFY DOCUMENTATION FOR COATING OR PLATING TO THE REQUIREMENTS OF THE COATING OR PLATING SPECIFICATIONS. SURVEILLANCE CAMERON : MONITOR THIRD PARTY : NONE CUSTOMER : NONE DOCUMENT REQUIREMENTS: COATING VERIFICATION REPORT	Sample 100%

**OPERATION ACTIVITY :** 

0140 DOCUMENTATION

<sup>1</sup> REVISION LEVEL IS CURRENT REVISION UNLESS OTHERWISE NOTED.		IP Number
<sup>2</sup> INTERNAL DOCUMENTATION AS SPECIFIED IN CAMERON PROCEDURES.	QMU	IP_DPC04000_01

Property of	CAMERON	Created Date	Created By	Change Date	Changed By	IP Number
	A Schlumberger Company	15 JUN 2015	QMTMIG1	15 JAN 2021	188896	IP_DPC04000_01
INSPECT	INSPECTION PLAN DESCRIPTION: VALVE ASSEMBLIES AND COMPONENTS USED IN					

				PROCEDURE AND/OR ACCEPTANCE CRITERIA, METHOD, DOCUMENTATION REQUIREMENT <sup>2</sup>	SAMPLE PLAN
0005	DOCUMENTATIO N CONTENT REQUIREMENTS	DRIAD001	X-009014, CAMERON REQUIREMENTS	DOCUMENTATION CONTENT REQUIREMENTS WHEN X-009014 IS LISTED IN THE BOM, THE CONTENT IN THE DOCUMENTS REQUIRED BY THE INSPECTION PLAN SHALL COMPLY WITH THE REQUIREMENTS ESTABLISHED IN X-009014.	
0010	DOCUMENTATIO N REVIEW	DDORNN05	CAMERON REQUIREMENT	DOCUMENTATION REVIEW CAMERON TO REVIEW ALL DOCUMENTATION THAT IS REQUIRED BY THIS INSPECTION PLAN. ALL DOCUMENTATION MUST BE IN LEGIBLE FORMAT. SURVEILLANCE CAMERON : REVIEW THIRD PARTY : NONE CUSTOMER : NONE DOCUMENT REQUIREMENTS: ALL NECESSARY DOCUMENTATION SAMPLE SIZE: 100%	Sample 100%
0020	CERTIFICATE OF COMPLIANCE	DRCOC001	CAMERON REQUIREMENT	CERTIFICATE OF COMPLIANCE CERTIFICATE OF COMPLIANCE TO THE CURRENT EDITION OF THE APPLICABLE API SPECIFICATION AS PER THE BILL OF MATERIAL (BOM)	
0030	TRACEABILITY RECORDS	DRTRA002	CAMERON REQUIREMENT	TRACEABILITY RECORDS SET OUT REPORT INCLUDING: EQUIPMENT PART NUMBER, EQUIPMENT DESCRIPTION, HEAT NUMBER/LOT NUMBER AND SERIAL NUMBER OF ALL CRITICAL COMPONENTS, IDENTIFICATION OF PURCHASE ORDER, QUANTITY AND BOLTING TRACEABILITY	
0040	RECORD TRACEABILITY	DRTRA008	CAMERON REQUIREMENT	RECORD TRACEABILITY ALL RECORDS SHALL INCLUDE TRACEABILITY INFORMATION (FOR EXAMPLE, PART NUMBER, SERIAL NUMBER, HEAT NUMBER, PO NUMBER OR SALES ORDER NUMBER) ON EACH PAGE OF THE RECORD. RECORDS SHALL FOLLOW THE SEQUENCE OF THE INSPECTION PLAN ACTIVITIES IN THE MANUFACTURING RECORD BOOK (MRB).	
0050	TRACEABILITY SHEET	DRTRA009	CAMERON REQUIREMENT	TRACEABILITY SHEET TRACEABILITY SHEET CONTAINING THE FOLLOWING: EQUIPMENT PART NUMBER, EQUIPMENT DESCRIPTION, MANUFACTURER HEAT NUMBER/LOT NUMBER AND SERIAL NUMBER OF ALL CRITICAL COMPONENTS, IDENTIFICATION OF PURCHASE ORDER, QUANTITY	
0060	MATERIAL TEST REPORTS	DRMTR009	CAMERON REQUIREMENT	MATERIAL TEST REPORTS MATERIAL TEST REPORTS INCLUDING: a) CHEMICAL ANALYSIS b) TENSILE TESTS c) IMPACT TEST d) HARNDESS TEST e) NDE REPORT f) HEAT TREATMENT	
0070	HEAT TREATMENT CONTROL RECORDS	DRHTT005	CAMERON REQUIREMENT	HEAT TREATMENT CONTROL RECORDS MATERIAL HEAT TREATMENT (HEAT TREATMENT RECORDS IF REQUIRED) - CERTIFICATION SHALL INCLUDE ACTUAL TEMPERATURES AND TIMES AT TEMPERATURE FOR EACH HEAT CYCLE, QUENCH MEDIA TYPE AND TEMPERATURE MONITORING METHOD FOR THE PARTS. QTC HEAT TREATMENT CERTIFICATIONS SHALL INCLUDE ACTUAL TEMPERATURES AND TIMES AT TEMPERATURE FOR EACH HEAT CYCLE, QUENCH MEDIA TYPE AND TEMPERATURE MONITORING METHOD FOR THE PARTS. QTC DESCRIPTION CERTIFICATION SHALL INCLUDE: QTC CONFIGURATION AND SIZE. ACTUAL	Sample 100%

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Property of	CAMERON	Created Date	Created By	Change Date	Changed By		IP Number
	A Schlumberger Company	15 JUN 2015	QMTMIG1	15 JAN 2021	188896		IP_DPC04000_01
INSPE	CTION PLAN DESCRIPTION:	VALVE ASSEMBLIES AND COM	PONENTS USED IN		F	Revision 4	Change Number: 5110499

INSPECTION / TEST ACTIVITY		INSPECTION ID NUMBER	REFERENCE STANDARD <sup>1</sup>	PROCEDURE AND/OR ACCEPTANCE CRITERIA, METHOD, DOCUMENTATION REQUIREMENT <sup>2</sup>	SAMPLE PLAN
				HOT WORK RATIO. THE METHOD OBTAIN THE QTC (I.E. SEPERATELY FORGED, SACRIFICIAL PART, TREPANNED, PROLONGATION, ETC.)	
0080	DIMENSIONAL INSPECTION RECORDS	DRDIM0Z1	CAMERON REQUIREMENTS	DIMENSIONAL INSPECTION RECORDS DIMENSIONAL INSPECTION RECORDS	
0090	VISUAL INSPECTION REPORTS	DRDVI001	CAMERON REQUIREMENT	VISUAL INSPECTION REPORTS VISUAL INSPECTION REPORTS	
0100	FINAL ASSEMBLY TEST REPORT	DRAPT001	CAMERON REQUIREMENT	FINAL ASSEMBLY TEST REPORT FINAL ASSEMBLY TEST REPORT TO INCLUDE: EQUIPMENT PART NUMBER, MANUFACTURER SERIAL NUMBER, TEST RECORD(S) AS OUTLINED IN OEM PROCEDURE(S), OEM PROCEDURE (S) USED	
0110	PRESSURE TEST RECORDS	DRPTR0Z1	CAMERON REQUIREMENT	PRESSURE TEST RECORDS ACTUAL TEST PRESSURE, HOLD TIME/DURATION, TEST CHARTS. CERTIFICATE OF COMPLIANCE ON EQUIPMENT. FINAL ASSEMBLY TEST REPORT TO INCLUDE: EQUIPMENT PART NUMBER, MANUFACTURER SERIAL NUMBER, TEST RECORD(S) AS OUTLINED IN OEM PROCEDURE(S), OEM PROCEDURE (S) USED	
0120	FACTORY ACCEPTANCE TEST RECORDS	DRFAT001	CAMERON REQUIREMENT	FACTORY ACCEPTANCE TEST RECORDS FINAL ASSEMBLY TEST REPORT TO INCLUDE: EQUIPMENT PART NUMBER, MANUFACTURER SERIAL NUMBER, TEST RECORD(S) AS OUTLINED IN OEM PROCEDURE(S), OEM PROCEDURE (S) USED	
0130	COATING/ PAINTING DOCUMENTATIO N	DRCOT001	CAMERON REQUIREMENT	COATING/PAINTING DOCUMENTATION COATING/PAINTING DOCUMENTATION SHALL INCLUDE: PART NUMBER; SERIAL NUMBER; MANUFACTURER OF COATING/PAINTING; COATING/PAINTING PROCEDURE; DRY FILM THICKNESS (DFT); ATMOSPHERIC CONDITIONS; BATCH AND/OR LOT NUMBER OF COATING/PAINTING; QUANTITY OF ITEMS COATED/PAINTED;	
0140	PRESERVATON REPORT	DRPRE001	CAMERON BOM	PRESERVATON REPORT PRESERVATION REPORT SHALL INCLUDE: EQUIPMENT PART NUMBER;	

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Proper		Created Date	Created By	Change Date	Changed By		IP Number
	A Schlumberger Company	15 JUN 2015	QMTMIG1	15 JAN 2021	188896		IP_DPC04000_01
11	SPECTION PLAN DESCRIPTION:	VALVE ASSEMBLIES AND COM	PONENTS USED IN		Re	evision 4	Change Number: 5110499

		INSPECTION ID NUMBER	REFERENCE STANDARD <sup>1</sup>	PROCEDURE AND/OR ACCEPTANCE CRITERIA, METHOD, DOCUMENTATION REQUIREMENT <sup>2</sup>	SAMPLE PLAN
				EQUIPMENT DESCRIPTION; DATE PRESERVATION BEGAN; PRESERVATION PROCEDURE NUMBER	

OPER	ATION ACTIVITY :	0150	STORAGE / SHIPPING		
0010	RUST PREVENTATIVE	DSRMNN15	FACILITY PROCEDURES	RUST PREVENTATIVE VERIFY THAT PRIOR TO SHIPMENT, PIPE SHALL BE PROTECTED WITH A RUST PREVENTATIVE WHICH WILL NOT BECOMES FLUID AND RUN AT A TEMPERATURE LESS THAN 125 DEGREED FAHRENHEIT. SURVEILLANCE CAMERON : MONITOR THIRD PARTY : NONE CUSTOMER : NONE DOCUMENT REQUIREMENTS: NONE SAMPLE SIZE: 100%	Sample 100%
0020	SURFACE PROTECTION	DSEMNN16	CAMERON REQUIREMENT	SURFACE PROTECTION VERIFY EXPOSED SEALING SURFACES ARE PROTECTED FROM MECHANICAL DAMAGE FOR SHIPPING. SURVEILLANCE CAMERON : MONITOR THIRD PARTY : NONE CUSTOMER : NONE DOCUMENT REQUIREMENTS: NONE SAMPLE SIZE: 100%	Sample 100%
0030	FLUSHING	DSDMNN02	CAMERON BOM	FLUSHING VERIFY THAT HYDRAULIC OPERATING SYSTEMS ARE FLUSHED WITH A CORROSION INHIBITOR ANTI-FREEZE AND PORTS PLUGGED PRIOR TO STORAGE OR SHIPMENT. SURVEILLANCE CAMERON : MONITOR THIRD PARTY : NONE CUSTOMER : NONE DOCUMENT REQUIREMENTS: NONE SAMPLE SIZE: 100%	Sample 100%

<sup>1</sup> REVISION LEVEL IS CURRENT REVISION UNLESS OTHERWISE NOTED.	QMU	IP Number
<sup>2</sup> INTERNAL DOCUMENTATION AS SPECIFIED IN CAMERON PROCEDURES.		IP_DPC04000_01