

Technical specification for Items No. 187184, Rev.0

1. SCOPE

Line	NEK Item Number	Part Number	UOM	Quantity	Need by Date	Safety Classification
1	420788	R-201-015-032100A00	EA	7	31-Dec-26	NSR
MOTOR.LIMITORQUE-ELEC.,SC:NSR,VOLTS:380V,HERTZ:50Hz,PHASE:3,RPM:1415 (4P),FRAME:FE56,RATING:60/12LB.FT,SERVICE FACTOR:1,DUTY:15min,WITH 120V HEATER,FOR ACTUATOR SMB-1 MFG: LIMITORQUE CORPORATION, 5114 WOODALL ROAD, 24506-1318 LYNCHBURG, United States Item shall be supplied in accordance with the following TQRs: A00, A07, F00, F05, F40, F50, F51, F521, F57, F59, F90, G00 The following documents and/or records shall be submitted with the above item: G041 - CERTIFICATE OF CONFORMANCE G23 - STANDARD MANUFACTURER TEST CERTIFICATE G43 - INSULATION RESISTANCE TEST RECORD G513 - MOTOR PERFORMANCE DATA G65 - LONG TERM STORAGE INSTRUCTION G71 - STATEMENT OF PART INTERCHANGEABILITY GP4 - PRODUCT DATA SHEET X000 - TECHNICAL SPECIFICATION X06 - CERTIFICATE OF EQUIVALENCY WITH ITEMS ORIGINALLY SUPPLIED						
2	418329	R-E05-015-03T100910	EA	1	31-Dec-26	NSR
MOTOR.LIMITORQUE-ELEC.,FRAME:254TY,VOLTS:380,AMPS:17,1A,HERTZ:50,PHASE:3,RPM:1430,H P:10.8,RATING:200/40 LB.FT,INS.CLASS:F,DUTY:15MIN,AMB.TEMPERATURE:40 deg C,FOR ACTUATOR SMB-4,SC:NSR MFG: LIMITORQUE CORPORATION, 5114 WOODALL ROAD, 24506-1318 LYNCHBURG, United States Item shall be supplied in accordance with the following TQRs: A00, A07, F00, F05, F40, F50, F51, F521, F57, F59, F90, G00 The following documents and/or records shall be submitted with the above item: G041 - CERTIFICATE OF CONFORMANCE G23 - STANDARD MANUFACTURER TEST CERTIFICATE G43 - INSULATION RESISTANCE TEST RECORD G513 - MOTOR PERFORMANCE DATA G65 - LONG TERM STORAGE INSTRUCTION G71 - STATEMENT OF PART INTERCHANGEABILITY GP4 - PRODUCT DATA SHEET X000 - TECHNICAL SPECIFICATION X06 - CERTIFICATE OF EQUIVALENCY WITH ITEMS ORIGINALLY SUPPLIED						

3	422748	R-201-F15-082500A20	EA	1	31-Dec-26	SR
	MOTOR,LIMITORQUE-ELEC.,TYPE:P,VOLTS:380V,AMPS:10.8A,HERTZ:50HZ,PHASE:3,RPM:2865,HP:6.6,FRAME:210TY,ALUMINUM ROTOR,RATING:60/12LB.FT,INS.CLASS:H,INS.TYPE:RH,SERVICE FACTOR:1,DUTY:15 MIN,AMB.TEMPERATURE:60 DEGC,FOR ACTUATOR SB-1,SC:SR					
	MFG: LIMITORQUE CORPORATION, 5114 WOODALL ROAD, 24506-1318 LYNCHBURG, United States Item shall be supplied in accordance with the following TQRs: A00, A07, B00, B01, B04, B06, B07, B08, C00, C01, E00, F00, F02, F40, F50, F51, F521, F57, F59, F90, G00, G01, G02, G03 The following documents and/or records shall be submitted with the above item: G041 - CERTIFICATE OF CONFORMANCE G22 - NONCONFORMANCE REPORTS G23 - STANDARD MANUFACTURER TEST CERTIFICATE G24 - CERTIFICATE OF COMPLIANCE G43 - INSULATION RESISTANCE TEST RECORD G513 - MOTOR PERFORMANCE DATA G65 - LONG TERM STORAGE INSTRUCTION G71 - STATEMENT OF PART INTERCHANGEABILITY GC1 - CERTIFICATE OF ORIGIN GP4 - PRODUCT DATA SHEET X000 - TECHNICAL SPECIFICATION X06 - CERTIFICATE OF EQUIVALENCY WITH ITEMS ORIGINALLY SUPPLIED X100 - EQ EQUIPMENT					
4	422749	R-302-F15-082100A20	EA	1	31-Dec-26	SR
	MOTOR.LIMITORQUE-ELEC.,SC:SR,VOLTS:380V,HERTZ:50Hz,PHASE:3,RPM:2890 (2P),FRAME:210TY,ALUMINUM ROTOR,RATING:80/16LB.FT,SERVICE FACTOR:1.0,HP:8.9,AMPS:13.7A,DUTY:15min,AMB.TEMPERATURE:60 DegC,INS.CLASS:H, INS.TYPE:RH,WITH 120V HEATER,FOR ACTUATOR SB-2					
	MFG: LIMITORQUE CORPORATION, 5114 WOODALL ROAD, 24506-1318 LYNCHBURG, United States Item shall be supplied in accordance with the following TQRs: A00, A07, B00, B01, B04, B06, B07, B08, C00, C01, E00, F00, F02, F40, F50, F51, F521, F57, F59, F90, G00, G01, G02, G03 The following documents and/or records shall be submitted with the above item: G041 - CERTIFICATE OF CONFORMANCE G22 - NONCONFORMANCE REPORTS G23 - STANDARD MANUFACTURER TEST CERTIFICATE G24 - CERTIFICATE OF COMPLIANCE G43 - INSULATION RESISTANCE TEST RECORD G513 - MOTOR PERFORMANCE DATA G65 - LONG TERM STORAGE INSTRUCTION G71 - STATEMENT OF PART INTERCHANGEABILITY GC1 - CERTIFICATE OF ORIGIN GP4 - PRODUCT DATA SHEET X000 - TECHNICAL SPECIFICATION X06 - CERTIFICATE OF EQUIVALENCY WITH ITEMS ORIGINALLY SUPPLIED X100 - EQ EQUIPMENT					
5	418330	R-D03-015-03T100910	EA	2	31-Dec-27	NSR
	MOTOR.LIMITORQUE-ELEC,VOLTS:380V,AMPS:10A,HERTZ:50Hz,PHASE:3PHASE,RPM:1415,HP:5.4,FRAME:213TY,RATING:100/20 LB.FT,FORACTUATOR SB-3,SC:NSR					
	MFG: LIMITORQUE CORPORATION, 5114 WOODALL ROAD, 24506-1318 LYNCHBURG, United States Item shall be supplied in accordance with the following TQRs: A00, A07, F00, F05, F40, F50, F51, F521, F57, F59, F90, G00					

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2. TECHNICAL AND QUALITY REQUIREMENTS

IMPORTANT:

The quotation has to include Statement of Compliance with the Technical and Quality Requirements from Purchaser's RFQ including the Bidder's commitment to provide requested documents and/or records. If any of these requirements cannot be fulfilled, please, provide the explanation.

A00 - GENERAL REQUIREMENTS

ALL REQUIRED DOCUMENTS SHALL BE SUPPLIED IN ENGLISH OR ENGLISH/ MULTILINGUAL.

A07 - NEW ITEMS

ALL ITEM(S) PROVIDED ON THIS PURCHASE ORDER SHALL BE SUPPLIED IN THE NEW CONDITION (NOT USED OR REFURBISHED IN ANY WAY).

B00 - QUALITY ASSURANCE REQUIREMENTS

B01 - QUALITY ASSURANCE PROGRAM

ALL SERVICES AND ITEMS, INCLUDING THOSE WHICH HAVE TO COMPLY WITH ASME CODE REQUIREMENTS, SHALL BE SUPPLIED IN ACCORDANCE WITH A QUALITY ASSURANCE PROGRAM THAT COMPLIES WITH 10CFR50 APPENDIX B AND ANSI N45.2-1977 OR ASME NQA-1, AND THAT HAS BEEN PREVIOUSLY EVALUATED AND ACCEPTED BY NEK.

B04 - SUPPLIER QA MANUAL CONTROLLED DISTRIBUTION

IF A CONTROLLED COPY OF THE LATEST REVISION OF THE SUPPLIER'S QUALITY ASSURANCE PROGRAM MANUAL HAS NOT BEEN PREVIOUSLY SENT TO NEK, SUBMIT A COPY OF THIS DOCUMENT TO:

LUKA MIKELIĆ, QUALITY & NUCLEAR OVERSIGHT DIRECTOR
tel.:++386 748 02 429
E-mail:luka.mikelic@nek.si

IF A REVISION TO THE SUPPLIER'S QUALITY ASSURANCE MANUAL IS MADE DURING THE CONDUCT OF WORK ASSOCIATED WITH THIS ORDER, A COPY OF THE REVISION SHALL BE SUBMITTED TO THE ABOVE ADDRESS PRIOR TO IMPLEMENTATION OF THE CHANGE.

B06 - 10CFR21 REPORTING

THIS ORDER IS SUBJECT THE PROVISIONS OF THE TITLE 10 OF THE U.S. CODE OF FEDERAL REGULATIONS PART 21, REPORTING OF DEFECTS AND NONCOMPLIANCE, REPORTING PURSUANT TO 10CFR21 SHALL BE MADE TO:

STANKO MANOJLOVIC , ENGINEERING SUPPORT FOR LONG TERM OPERATION SUPERINTENDENT
tel:++386 748 02 527
E-MAIL: stanko.manojlovic@nek.si

B07 - RIGHTS OF ACCESS

NUCLEAR POWER PLANT KRSKO (NEK)) SHALL HAVE THE RIGHT OF ACCESS TO THE SUPPLIER'S AND ANY SUBTIER SUPPLIER'S FACILITIES AND RECORDS FOR INSPECTION OR AUDIT BY NEK , THEIR DESIGNATED REPRESENTATIVE AND/OR OTHER PARTIES AUTHORIZED BY NEK. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO, THE RIGHT TO AUDIT

MATERIAL, TEST, INSPECTION SERVICES AND QUALITY RECORDS; MAKE SURVEILLANCE VISITS DURING MANUFACTURING; AND WITNESS TESTS TO THE EXTENT NEK DEEMS NECESSARY TO ASSURE THAT WORK IS BEING PERFORMED IN ACCORDANCE WITH ALL PRODUCT DESIGN AND MANUFACTURING REQUIREMENTS. NEK WILL MAKE ARRANGEMENT FOR ANY SUBTIER AUDIT OR INSPECTION THROUGH SUPPLIER. SUPPLIER WILL HAVE OPTION TO ACCOMPANY NEK DURING ANY SUB-SUPPLIER AUDITS OR INSPECTIONS.

INSPECTIONS OR EXAMINATIONS PERFORMED BY NEK, OR ITS DESIGNATED REPRESENTATIVES, DO NOT RELIEVE THE SUPPLIER OF ITS RESPONSIBILITY TO MEET THE REQUIREMENTS OF THIS PURCHASE ORDER.

B08 - RETENTION OF RECORDS

A RECORD SYSTEM (RETENTION TIME FOR LIFETIME AND NON-PERMANENT RECORDS) SHALL BE ESTABLISHED AND MAINTAINED BY THE SUPPLIER THAT PROVIDES DOCUMENTARY EVIDENCE OF THE QUALITY OF THE ITEMS AND ACTIVITIES AFFECTING QUALITY. THESE QA RECORDS SHALL INCLUDE RESULTS OF REVIEWS, INSPECTIONS, TESTS, AUDITS, MONITORING OF WORK PERFORMANCE AND MATERIAL ANALYSIS. RECORDS SHALL, AS A MINIMUM, IDENTIFY THE INSPECTOR OR DATA RECORDER, DATE INSPECTION WAS PERFORMED, TYPE OF OBSERVATION, PROCEDURES USED, RESULTS, ACCEPTABILITY, AND ACTION TAKEN FOR DEFICIENCIES NOTED. ADDITIONAL RECORDS OF SUPPORTING DATA SHALL ALSO BE MAINTAINED. ALL QUALITY VERIFICATION RECORDS, PROCEDURES AND QUALIFICATIONS SHALL BE IDENTIFIABLE TO THE ITEM OR ACTIVITY INVOLVED. THESE RECORDS SHALL BE RETRIEVABLE AND AVAILABLE FOR EXAMINATION. THE CLASSIFICATION AND RETENTION TIME OF LIFETIME AND NON-PERMANENT RECORDS SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF USNRC REGULATORY GUIDE 1.28, REV. 3-1985. THE SUPPLIER MAY DISPOSE OF NON-PERMANENT RECORDS AFTER THE REQUIRED RETENTION PERIOD. IF THE SUPPLIER GOES OUT OF BUSINESS BEFORE THE END OF THE RETENTION PERIOD OF THESE RECORDS, THE SUPPLIER WILL SEND ONE COPY OF THESE RECORDS TO THE NEK IMPORT DEPARTMENT SUPERINTENDENT.

C00 - NONCONFORMANCE AND DEVIATION

C01 - NO SUBSTITUTIONS

THE SUPPLIER SHALL NOT SUBSTITUTE OTHER ITEMS FOR THE ITEMS REQUESTED WITHOUT SPECIFIC WRITTEN APPROVAL OF NEK PRIOR TO SHIPMENT. IF THE SUPPLIER IDENTIFIES CHANGES, NONCONFORMANCES, OR SEEKS WAIVERS FROM OTHER REQUIREMENTS OF THIS PURCHASE ORDER, THE SUPPLIER SHALL DESCRIBE SUCH CONDITIONS AND THIS INFORMATION SHALL BE TRANSMITTED, IN WRITING, TO NEK IMPORT DEPARTMENT SUPERINTENDENT.

IF THE REQUESTED INFORMATION IS APPROVED BY NEK, THE SUPPLIER SHALL INCLUDE AN APPROVED COPY OF THE INFORMATION STATEMENT WITH THE ITEMS SHIPPED.

THE SUPPLIER SHALL IDENTIFY ANY CHANGE MADE TO UPGRADE ANY ITEM ON THIS PURCHASE ORDER AS A RESULT OF USNRC CORRESPONDENCE (SUCH AS INFORMATION NOTICES, BULLETINS AND ADVISORY LETTERS). CHANGES AS PART OF THE SUPPLIER'S PRODUCT IMPROVEMENT PROGRAM SHALL ALSO BE IDENTIFIED AND TRANSMITTED IN WRITING TO THE NEK IMPORT DEPARTMENT SUPERINTENDENT FOR APPROVAL.

E00 - ENVIRONMENTAL QUALIFICATION

F00 - SHIPPING, HANDLING, MARKING AND STORAGE INSTRUCTIONS ;

F02 - HANDLING, PACKAGING AND SHIPPING

HANDLING, PACKAGING AND SHIPPING OF THE ITEM SUPPLIED UNDER THIS PURCHASE ORDER SHALL BE IN ACCORDANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) N45.2.2-LEVEL B.

F05 - HANDLING, PACKAGING AND SHIPPING

SUPPLIER SHALL PROVIDE PACKAGING AND SHIPPING METHODS FOR PROTECTION FROM THE EFFECTS OF TEMPERATURE EXTREMES, HUMIDITY AND IN TRANSIT SHOCKS AND JARRING (CAPS AND PLUGS SHALL BE USED TO SEAL THE OPENINGS AND TO PROTECT THREADS AND WELD END PREPARATIONS). STEEL BEAMS/ ANGLES/PIPES LENGTH SHALL BE MAX. 6m.

F40 - SUPPLIER'S NAME

F50 - ITEM MARKING REQUIREMENTS

ALL ITEMS ARE TO BE PACKAGED INDIVIDUALLY AND IDENTIFIED WITH THE SPECIFIC PART NUMBER, OR ALL ITEMS OF A GIVEN PART NUMBER TO BE PACKAGED TOGETHER AND IDENTIFIED WITH THE SPECIFIC PART NUMBER AND THE FOLLOWING:

F51 - THE PURCHASE ORDER NUMBER

F521 - PART/ CATALOG NO.

F57 - MANUFACTURER'S NAME

F59 - ITEM SERIAL NUMBER

F90 - PACKING SLIPS ARE TO BE SHIPPED WITH ORDER

G00 - SUPPLIER DOCUMENTATION REQUIREMENTS

ALL REQUIRED DOCUMENTS SHALL BE SUPPLIED IN ORIGINAL HARD COPY OR ELECTRONIC FORM DEFINED BY SUPPLIER QA PROGRAM AND ACCEPTED BY NEK.

G01 - DOCUMENT TRACEABILITY

ALL REQUIRED DOCUMENTS SHALL BE TRACEABLE TO THE NEK PURCHASE ORDER. DOCUMENTS SUPPLIED WHICH ARE ASSOCIATED WITH SPECIFIC ITEMS ON THE ORDER, SUCH AS TEST REPORTS, SHALL BE IDENTIFIED IN ORDER TO ESTABLISH TRACEABILITY TO THAT ITEM OR GROUP OF ITEMS.

G02 - MATERIAL AND DOCUMENTATION SHIPPING

MATERIAL AND ALL CERTIFICATIONS OR ACCOMPANYING DOCUMENTATION SUPPLIED UNDER THIS ORDER SHALL BE DIRECTLY SHIPPED FROM THE SUPPLIER/MANUFACTURER TO NEK. THE DISTRIBUTOR SHALL NOT TAKE POSSESSION OF MATERIAL OR DOCUMENTATION.

G03 - DOCUMENTATION DIRECTED ADDRESS

DOCUMENTS SUBMITTED PRIOR TO SHIPMENT OR SUBSEQUENT TO SHIPMENT INCLUDING REVISIONS OF THESE DOCUMENTS, SHALL BE DIRECTED TO THE PURCHASING DEPARTMENT. EVERY PAGE OF EACH DOCUMENT SHALL BE TRACEABLE TO THE NEK'S PURCHASE ORDER AND APPLICABLE ITEM(S) NUMBER.

G041 - CERTIFICATE OF CONFORMANCE

THE CERTIFICATE OF CONFORMANCE SHALL SATISFY THE FOLLOWING CRITERIA:

1. IDENTIFY THE PURCHASE ORDER NUMBER, ITEMS IDENTIFICATION NUMBER (PART NO./CATALOG NO./PRODUCT NO.) AND NEK CODE NUMBERS.
2. SUPPLIER SHALL CERTIFY THAT THE ITEMS SUPPLIED AGAINST THE ABOVE PURCHASE ORDER ARE IN CONFORMANCE WITH THE TECHNICAL AND QUALITY REQUIREMENTS OF THE PURCHASE ORDER.

G22 - NONCONFORMANCE REPORTS

THE SUPPLIER SHALL PROVIDE A COPY OF ALL NONCONFORMANCE REPORTS AS REPAIR OR USE-AS-IS DISPOSITION OF MATERIALS DURING THE MANUFACTURING PROCESS TO UTILITIES ONLY IN CASES THAT AFFECT ENVIRONMENTAL QUALIFICATION, INTERCHANGEABILITY, DESIGN OR OPERATING PARAMETERS GENERATED DURING MANUFACTURE OF PROCESSING OF THIS ORDER.

THIS REPORT SHALL INCLUDE TECHNICAL JUSTIFICATION FOR NONCONFORMANCE DISPOSITIONS. ALL DISPOSITIONS WHICH DO NOT RETURN AN ITEM TO THE CONDITIONS STATED IN AN APPROVED DRAWING OR SPECIFICATION SHALL BE APPROVED BY NEK PRIOR TO THE SHIPMENT OF THE AFFECTED ITEM.

G23 - STANDARD MANUFACTURER TEST CERTIFICATE

THE SUPPLIER SHALL PROVIDE A CERTIFICATION SHOWING THE ITEM(S) SUPPLIED WERE SUBJECTED TO THE STANDARD MANUFACTURER PRODUCTION TESTS (INCLUDING TESTS RESULTS).

G24 - CERTIFICATE OF COMPLIANCE

THE SUPPLIER SHALL CERTIFY THAT THE ITEM IS:

1. THE EQUAL TO OR SUPERIOR MAKE, PART AND MODEL NUMBER OR PART THAT EXHIBIT IDENTICAL OR SUPERIOR MATERIAL, TECHNICAL AND PHYSICAL CHARACTERISTIC TO THOSE PARTS TESTED WITH ACTUATORS PER L.C. TEST REPORT B0058,
2. QUALIFIED PER IEEE 323-1974, 344-1975 AND IEEE 382-1972 FOR USE:
INSIDE CONTAINMENT PER TEST REPORT NO: Project 600456 & 600376A & Seismic Report B0037 included in Report B0058;
OUTSIDE CONTAINMENT PER TEST REPORT NO: Report B0003 (Project 600461) & Seismic Report B0037.
3. PROVIDED IN ACCORDANCE WITH FLOWSERVE' S QUALITY MANAGEMENT SYSTEM MANUAL WHICH MEETS THE APPLICABLE REQUIREMENTS OF 10CFR50, APPENDIX B.

THE SUPPLIER SHALL REFERENCE THE PURCHASE ORDER NUMBER AND ESTABLISH TRACEABILITY TO THE PURCHASE ORDER ITEM BY REFERENCING INFORMATION THAT UNIQUELY IDENTIFIES THE ITEM. THE CERTIFICATE SHALL BE SIGNED BY A PERSON WHO IS RESPONSIBLE FOR THE QUALITY ASSURANCE FUNCTION ASSOCIATED WITH THIS ORDER.

NEK RESERVS THE RIGHT TO DETERMINE THE VALIDITY OF THE CERTIFICATE OF COMPLIANCE BY AN AUDIT OF THE SUPPLIER OR BY AN INSPECTION OR TEST OF THE ITEM(S).

G43 - INSULATION RESISTANCE TEST RECORD

G513 - MOTOR PERFORMANCE DATA

MOTOR PERFORMANCE DATA SHALL INCLUDE: BASIC, PERFORMANCE AND SPEED TORQUE DATA.

G65 - LONG TERM STORAGE INSTRUCTION

G71 - STATEMENT OF PART INTERCHANGEABILITY

IN THE CASE THAT THE PART NUMBER(S) OF ITEM(S) IS CHANGED, THE SUPPLIER SHALL PROVIDE THE STATEMENT THAT THE FORM, FUNCTION, FIT AND INTERCHANGEABILITY OF THE ITEM(S) WILL NOT BE AFFECTED BY THIS CHANGE.

GC1 - CERTIFICATE OF ORIGIN

GP4 - PRODUCT DATA SHEET

X000 - TECHNICAL SPECIFICATION

THE ITEMS SHOULD BE SUPPLIED IN ACCORDANCE WITH REQUIREMENTS OF ATTACHED SPECIFICATION NO.: SP-A3000 (APPENDIX C, III. STEEL CONSTRUCTIONS,i. Steel constructions, pipelines, components and equipment on atmospheric exposures)

- APPROPRIATE FOR EXPOSURE C4-H, HIGH DURABILITY (ISO 12944-5),
- SURFACE PREPARATION WITH Sa 2.5 SANDING (ISO 8501-1),
- EQUIPMENT WILL BE PAINTED WITH EPOXY+POLYURETHANE SYSTEM RAL5007 (BRILLIANT BLUE) COLOR.

For item: 420788,420788

X06 - CERTIFICATE OF EQUIVALENCY WITH ITEMS ORIGINALLY SUPPLIED

FOR MOTOR OPERATOR VALVE ACTUATOR MODEL SMB-1 WITH SERIAL NO.: 250014, 250011, 250012, 251666, 251664, 251663, 250015, 250016, 251665, 250017, 250013, L551390, 285148

For item: 418330

X06 - CERTIFICATE OF EQUIVALENCY WITH ITEMS ORIGINALLY SUPPLIED

FOR ACTUATOR MODEL SB-3 WITH SERIAL NO.: 279461, 279459, 279460, 279462

For item: 418329,418329

X06 - CERTIFICATE OF EQUIVALENCY WITH ITEMS ORIGINALLY SUPPLIED

FOR MOTOR OPERATOR VALVE ACTUATOR MODEL SMB-4 WITH SERIAL NO.: L397580, 296644, 296643, 296645

For item: 422748

X06 - CERTIFICATE OF EQUIVALENCY WITH ITEMS ORIGINALLY SUPPLIED

FOR ACTUATOR MODEL SB-1 WITH SERIAL NO.: 241208, 241207, 239018, 239016, 239017, L1139229, L1139230, L1139228

For item: 422749,422749

X06 - CERTIFICATE OF EQUIVALENCY WITH ITEMS ORIGINALLY SUPPLIED

FOR ACTUATOR MODEL SB-2 WITH SERIAL NO.: 251555, 251554, 249956, 249955

X100 - EQ EQUIPMENT

Following technical and quality requirements shall be met:

Vendor shall certify that the supplied equipment is environmentally qualified to Limitorque Report No. 600456 (contained in B0058 -Appendix C). Certify that the testing is in accordance with IEEE Standard 323-1974 or newer version of IEEE 323 Std.

However, if there is any difference (materials, design / construction or performance parameters) between originally qualified equipment and subject supplied equipment, the differences should not degrade original qualification level in any viewpoint to accomplishing its safety function during and subsequent to the harsh environments at the end of qualified life. Accordingly, supporting similarity analysis with references shall be provided to confirm acceptability of difference. Also originally qualified equipment determined qualified life shall not be degraded. Any change of aging sensitive materials shall be reported in similarity analysis to document acceptability. If material change affect qualified life change, than sufficient data shall be provided to enable new determination of qualified life:

- Materials/parts identification and description;
- New aging temperature defining also operating heat rise (if applicable) and aging time;
- Activation energy (eV) for applicable material/part.