

# Technical specification for Items No. 186947

## 1. SCOPE 1: Welding Fittings

Line	NEK Item Number	Part Number	UOM	Quantity	Need by Date	Safety Classification
1	106861	SS-16-TSW-3	EA	30	28-Aug-25	NSR
	TEE,TUBING,TYPE:UNION,TUBING SIZE:1",MATERIAL:SSTP316,RATING:4900#,CONNECTION:TUBE SOCKET WELD,SC:NSR					
	<p>Item shall be supplied in accordance with the following TQRs: A00, A07, F00, F05, F50, F51, F52, F521, F55, F57, F60, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G044 - PACKING SLIP/LIST OR DELIVERY NOTE G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)</p>					
2	106862	SS-16-TSW-6	EA	40	28-Aug-25	SR
	UNION,TUBING,TUBING SIZE:1",MATERIAL:SSTP316,(TUBE SOCKET WELD,4900PSIG WORKING PRESSURE),SC:SR					
	<p>Item shall be supplied in accordance with the following TQRs: A00, A02, B00, B01, B04, B06, B07, B08, F00, F02, F30, F31, F50, F51, F52, F521, F55, F57, F90, G00, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G22 - NONCONFORMANCE REPORTS G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)</p>					
3	106826	SS-10-TSW-6	EA	40	28-Aug-25	NSR
	UNION,TUBING,TUBING SIZE:5/8",MATERIAL:SSTP316,CONNECTION:SOCKET WELD,(6400PSIG WORKING PRESSURE),SC:NSR					
	<p>Item shall be supplied in accordance with the following TQRs: A00, A07, F00, F05, F50, F51, F52, F521, F55, F57, F60, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G044 - PACKING SLIP/LIST OR DELIVERY NOTE G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)</p>					
4	432066	16-10 TRW-SS	EA	30	28-Aug-25	NSR
	TUBING REDUCER, 1"-5/8", SW, SS, PARKER 16-10 TRW-SS,SC:NSR					
	<p>Item shall be supplied in accordance with the following TQRs: A00, A07, F00, F05, F50, F51, F52, F521, F55, F57, F60, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G044 - PACKING SLIP/LIST OR DELIVERY NOTE G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)</p>					

## 2. SCOPE 2: Non-Safety Related Pipes

1	16680		KG	163	28-Aug-25	NSR
	PIPE, SEAMLESS, 2", SCH.40, MAT.:A106 GRADE B, STAND. SIZE:ANSI B36.10, (5,44 kg/m), SC:NSR					
	<p>Item shall be supplied in accordance with the following TQRs: A00, A02, A07, F00, F05, F30, F31, F38, F50, F51, F52, F54, F55, F57, F58, F61, F64, F90, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G41 - BEND TEST RECORD G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)</p>					
2	19526		KG	679	28-Aug-25	NSR
	PIPE,SEAMLESS, 6 ",SCH. 40,MAT.:A312 TP316,BW, STAND.SIZE:ANSI B36.19,SC:NSR					
	<p>Item shall be supplied in accordance with the following TQRs: A00, A02, A07, F00, F05, F30, F31, F38, F50, F51, F52, F54, F55, F57, F58, F60, F61, F64, F90, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G40 - FLATTENING TEST RECORD G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)</p>					
3	19664		KG	938	28-Aug-25	NSR
	PIPE,SEAMLESS, 4",SCH 80, A106 GR.B,ANSI B36.10,SC:NSR					
	<p>Item shall be supplied in accordance with the following TQRs: A00, A02, A07, F00, F05, F30, F31, F38, F50, F51, F52, F54, F55, F57, F58, F61, F64, F90, G00, G01, G02, G021, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G40 - FLATTENING TEST RECORD G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)</p>					
4	19605		KG	71	28-Aug-25	NSR
	PIPE,SEAMLESS, 3/4",SCH. 40,MAT.:A106 GRADE B,STAND.SIZE:ANSI B36.10, (1,69 kg/m),SC:NSR					
	<p>Item shall be supplied in accordance with the following TQRs: A00, A02, A07, F00, F05, F30, F31, F38, F50, F51, F52, F54, F55, F57, F58, F61, F64, F90, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G41 - BEND TEST RECORD G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)</p>					
5	19650		KG	511	28-Aug-25	NSR
	PIPE,SEAMLESS, 6 ",SCH. 80,MAT.:A106 GRADE B,STAND.SIZE:B36.10,SC:NSR					
	<p>Item shall be supplied in accordance with the following TQRs: A00, A02, A07, F00, F05, F30, F31, F38, F50, F51, F52, F54, F55, F57, F58, F61, F64, F90, G00, G01, G02, G03</p>					

	<p>The following documents and/or records shall be submitted with the above item:  G04 - THE CERTIFICATE OF CONFORMANCE  G40 - FLATTENING TEST RECORD  G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL)  G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)</p>					
6	32412		KG	282	28-Aug-25	NSR
	PIPE,SEAMLESS, 2 ",SCH. 80,MAT.:A312 TP316,STAND.SIZE:ANSI B36.19,SC:NSR Item shall be supplied in accordance with the following TQRs: A00, A02, A07, F00, F05, F30, F31, F38, F50, F51, F52, F54, F55, F57, F58, F61, F64, F90, G00, G01, G02, G03  The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G41 - BEND TEST RECORD G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)					
7	40495		KG	163	28-Aug-25	NSR
	PIPE,SEAMLESS,SC:NSR,SIZE:1-1/2",MATERIAL:A106,GR.B,SCHEDULE:80,TECHNICAL SPECIFICATION:SP-G375A,LINE SPECIFICATION:60A-2,DIM. STANDARD:ANSI B36.10 Item shall be supplied in accordance with the following TQRs: A00, A02, A07, F00, F05, F30, F31, F38, F50, F51, F52, F54, F55, F57, F58, F61, F64, F90, G00, G01, G02, G03  The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G41 - BEND TEST RECORD G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)					
8	40496		KG	800	28-Aug-25	NSR
	PIPE,SEAMLESS,SC:NSR,SIZE:2",MATERIAL:A106,GR.B,SCHEDULE:80,TECHNICAL SPECIFICATION:SP-G375A,LINE SPECIFICATION:60A-2,DIM. STANDARD:ANSI B36.10 Item shall be supplied in accordance with the following TQRs: A00, A02, A07, F00, F05, F30, F31, F38, F50, F51, F52, F54, F55, F57, F58, F61, F64, F90, G00, G01, G02, G03  The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G41 - BEND TEST RECORD G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)					
9	40498		KG	98	28-Aug-25	NSR
	PIPE,SEAMLESS,SC:NSR,SIZE:1",MATERIAL:A106,GR.B,SCHEDULE:80,TECHNICAL SPECIFICATION:SP-G375A,LINE SPECIFICATION:90A-3,DIM. STANDARD:ANSI B36.10 Item shall be supplied in accordance with the following TQRs: A00, A02, A07, F00, F05, F30, F31, F38, F50, F51, F52, F54, F55, F57, F58, F61, F64, F90, G00, G01, G02, G03  The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G41 - BEND TEST RECORD G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)					
10	44916		KG	102	28-Aug-25	NSR
	PIPE,SEAMLESS, 1-1/4 " ,SCH. 40,MAT.:A106 GRADE B,STAND. SIZE:ANSI B36.10, (3,39 kg/m),SC:NSR					

	<p>Item shall be supplied in accordance with the following TQRs: A00, A02, A07, F00, F05, F30, F31, F38, F50, F51, F52, F54, F55, F57, F58, F61, F64, F90, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G41 - BEND TEST RECORD G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)</p>					
11	39276		KG	675	28-Aug-25	NSR
	PIPE,SEAMLESS, 4 ",SCH. 40,MAT.:A106 GRADE B,ANSI B 36.10,(16kg/m),SC:NSR					
	<p>Item shall be supplied in accordance with the following TQRs: A00, A02, A07, F00, F05, F30, F31, F38, F50, F51, F52, F54, F55, F57, F58, F61, F64, F90, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G40 - FLATTENING TEST RECORD G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)</p>					
12	39289		KG	340	28-Aug-25	NSR
	PIPE,SEAMLESS, 6 ",SCH.40,A106,GRADE B, BW, ANSI B 36.10,LINE SPEC:15A-2, 28.2 kg/m,SC:NSR					
	<p>Item shall be supplied in accordance with the following TQRs: A00, A02, A07, F00, F50, F51, F52, F55, F57, F58, F61, F64, F90, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G40 - FLATTENING TEST RECORD G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)</p> <p><b>TECHNICAL SPECIFICATION:</b> TECHNICAL SPECIFICATION SP-G375A, Rev.0 PIPING LINE SPECIFICATION 15A-2.</p>					
13	411270		KG	203	28-Aug-25	NSR
	PIPE, 3", SCH. 40S, SEAMLESS, A-312 TP316, BW, ANSI B36.19M,SC:NSR					
	<p>Item shall be supplied in accordance with the following TQRs: A00, A02, A07, F00, F05, F30, F31, F38, F50, F51, F52, F54, F55, F57, F58, F60, F61, F64, F90, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G40 - FLATTENING TEST RECORD G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)</p>					
14	411618		KG	386	28-Aug-25	NSR
	PIPE,SEAMLESS,SIZE:4",MATERIAL:ASTM A312,SCHEDULE:40S,TP304,(DIM.STANDARD:ANSI B36.19,SC:NSR					
	<p>Item shall be supplied in accordance with the following TQRs: A00, A02, A07, F00, F05, F30, F31, F38, F40, F50, F51, F52, F54, F55, F57, F58, F61, F64, F90, G00, G01, G02, G03</p> <p>The following documents and/or records shall be submitted with the above item: G04 - THE CERTIFICATE OF CONFORMANCE G40 - FLATTENING TEST RECORD</p>					

	G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)
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### 3. SCOPE 3: Safety Related Pipes

1	45041		KG	193	3-Jun-25	SR
	PIPE,SEAMLESS,4 ",SCH.40S,MATERIAL:SA312 GR.304L,BW,DIM.STANDARD:ANSI B36.19,SC:SR					
	<p>Item shall be supplied in accordance with the following TQRs: A00, A02, A07, B00, B01, B04, B06, B07, B08, C00, C01, F00, F03, F30, F31, F33, F38, F40, F50, F51, F52, F55, F56, F57, F58, F61, F90, G00, G01, G03</p> <p>The following documents and/or records shall be submitted with the above item: G05 - CERTIFICATE OF COMPLIANCE WITH PURCHASE ORDER REQUIREMENTS G09 - ASME QUALITY SYSTEM CERTIFICATES G22 - NONCONFORMANCE REPORTS G26 - MAJOR DEFECT REPAIR RECORDS (IF APPLICABLE) G31 - STATEMENT OF CODE (ASME-II OR III) RECONCILIATION (IF REQUIRED) G54 - HEAT TREATMENT RECORDS OR REPORTS G55 - CERTIFIED MATERIAL TEST RECORDS-MECHANICAL PROPERTIES G56 - CERTIFIED MATERIAL TEST RECORDS-CHEMICAL COMPOSITION G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G82 - MINIMUM WALL THICKNESS MEASUREMENT RECORD X04 - ASME CODE REQUIREMENTS</p>					
2	400099	301856	M	18	3-Jun-25	SR
	PIPE, SEAMLESS,SIZE:1",MATERIAL:SA-106,SCHEDULE:40,END STYLE:SW,GRADE:B,TECHNICAL SPECIFICATION:SP-G536A,LINE SPECIFICATION:152,SC:SR					
	<p>MFG: ENERGY &amp; PROCESS CORPORATION, 2146-B FLINTSTONE DRIVE, 30084-5000 TUCKER, United States</p> <p>Item shall be supplied in accordance with the following TQRs: A00, A02, A07, B00, B01, B04, B06, B07, B08, C00, C01, F00, F03, F50, F51, F52, F54, F55, F57, F58, F61, F64, F90, G00, G01, G03</p> <p>The following documents and/or records shall be submitted with the above item: G05 - CERTIFICATE OF COMPLIANCE WITH PURCHASE ORDER REQUIREMENTS G09 - ASME QUALITY SYSTEM CERTIFICATES G22 - NONCONFORMANCE REPORTS G26 - MAJOR DEFECT REPAIR RECORDS (IF APPLICABLE) G31 - STATEMENT OF CODE (ASME-II OR III) RECONCILIATION (IF REQUIRED) G40 - FLATTENING TEST RECORD G54 - HEAT TREATMENT RECORDS OR REPORTS G55 - CERTIFIED MATERIAL TEST RECORDS-MECHANICAL PROPERTIES G56 - CERTIFIED MATERIAL TEST RECORDS-CHEMICAL COMPOSITION G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL) G82 - MINIMUM WALL THICKNESS MEASUREMENT RECORD X04 - ASME CODE REQUIREMENTS</p>					
3	405419		KG	193	3-Jun-25	SR
	PIPE,SEAMLESS,SC:SR,SIZE:4",MATERIAL:ASME SA106, GR.B,SCHEDULE:40,END STYLE:BW,LINE SPECIFICATION:LINE SPEC. NO:152, ASME CLASS:2,DIM. STANDARD:ANSI B36.10					
	<p>Item shall be supplied in accordance with the following TQRs: A00, A02, A07, B00, B01, B04, B06, B07, B08, C00, C01, F00, F05, F50, F51, F52, F55, F57, F58, F60, F90, G00, G01, G02</p>					

	<p>The following documents and/or records shall be submitted with the above item:</p> <p>G05 - CERTIFICATE OF COMPLIANCE WITH PURCHASE ORDER REQUIREMENTS</p> <p>G09 - ASME QUALITY SYSTEM CERTIFICATES</p> <p>G26 - MAJOR DEFECT REPAIR RECORDS (IF APPLICABLE)</p> <p>G31 - STATEMENT OF CODE (ASME-II OR III) RECONCILIATION (IF REQUIRED)</p> <p>G40 - FLATTENING TEST RECORD</p> <p>G48 - HYDRO PRESSURE TEST RECORD</p> <p>G55 - CERTIFIED MATERIAL TEST RECORDS-MECHANICAL PROPERTIES</p> <p>G56 - CERTIFIED MATERIAL TEST RECORDS-CHEMICAL COMPOSITION</p> <p>G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL)</p> <p>G82 - MINIMUM WALL THICKNESS MEASUREMENT RECORD</p> <p>X04 - ASME CODE REQUIREMENTS</p>					
4	429241		KG	402	3-Jun-25	SR
	<p>PIPE.SEAMLESS,SC:SR,SIZE:6",MATERIAL:ASME SA376 TP304, PRESSURE CLASS:2500lb, SCHEDULE:160,END STYLE:BW, LINE NO.:2501, CODE CLASS 1</p> <p>Item shall be supplied in accordance with the following TQRs:</p> <p>A00, A07, B00, B01, B04, B06, B07, B08, C00, C01, F00, F03, F30, F31, F32, F40, F50, F51, F52, F54, F55, F57, F58, F61, F64, F90, G00, G01, G03</p> <p>The following documents and/or records shall be submitted with the above item:</p> <p>G05 - CERTIFICATE OF COMPLIANCE WITH PURCHASE ORDER REQUIREMENTS</p> <p>G09 - ASME QUALITY SYSTEM CERTIFICATES</p> <p>G22 - NONCONFORMANCE REPORTS</p> <p>G26 - MAJOR DEFECT REPAIR RECORDS (IF APPLICABLE)</p> <p>G31 - STATEMENT OF CODE (ASME-II OR III) RECONCILIATION (IF REQUIRED)</p> <p>G33 - ULTRASONIC (UT) TEST RECORD</p> <p>G40 - FLATTENING TEST RECORD</p> <p>G48 - HYDRO PRESSURE TEST RECORD</p> <p>G54 - HEAT TREATMENT RECORDS OR REPORTS</p> <p>G55 - CERTIFIED MATERIAL TEST RECORDS-MECHANICAL PROPERTIES</p> <p>G56 - CERTIFIED MATERIAL TEST RECORDS-CHEMICAL COMPOSITION</p> <p>G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL)</p> <p>G82 - MINIMUM WALL THICKNESS MEASUREMENT RECORD</p> <p>X04 - ASME CODE REQUIREMENTS</p>					
5	429242		KG	202	3-Jun-25	SR
	<p>PIPE.SEAMLESS,SC:SR,SIZE:4",MATERIAL:ASME SA376 TP304, PRESSURE CLASS:2500lb, SCHEDULE:160,END STYLE:BW, LINE NO.:2501, CODE CLASS 1</p> <p>Item shall be supplied in accordance with the following TQRs:</p> <p>A00, A07, B00, B01, B04, B06, B07, B08, C00, C01, F00, F03, F30, F31, F32, F40, F50, F51, F52, F54, F55, F57, F58, F61, F64, F90, G00, G01, G03</p> <p>The following documents and/or records shall be submitted with the above item:</p> <p>G05 - CERTIFICATE OF COMPLIANCE WITH PURCHASE ORDER REQUIREMENTS</p> <p>G09 - ASME QUALITY SYSTEM CERTIFICATES</p> <p>G22 - NONCONFORMANCE REPORTS</p> <p>G26 - MAJOR DEFECT REPAIR RECORDS (IF APPLICABLE)</p> <p>G31 - STATEMENT OF CODE (ASME-II OR III) RECONCILIATION (IF REQUIRED)</p> <p>G33 - ULTRASONIC (UT) TEST RECORD</p> <p>G40 - FLATTENING TEST RECORD</p> <p>G48 - HYDRO PRESSURE TEST RECORD</p> <p>G54 - HEAT TREATMENT RECORDS OR REPORTS</p> <p>G55 - CERTIFIED MATERIAL TEST RECORDS-MECHANICAL PROPERTIES</p> <p>G56 - CERTIFIED MATERIAL TEST RECORDS-CHEMICAL COMPOSITION</p> <p>G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL)</p> <p>G82 - MINIMUM WALL THICKNESS MEASUREMENT RECORD</p> <p>X04 - ASME CODE REQUIREMENTS</p>					

#### 4. SCOPE 4: Instrument Tubing

24	405314	SS-5/8"X0.083"	M	216	28-Aug-25	NSR
	TUBING.INSTRUMENT,SC:NSR,SIZE:5/8",WALL THICKNESS:0.083",MATERIAL:ASTM A-213, 316/316L, SEAMLESS, PLAIN ENDS					
	MFG: SHANGHAI CRYSTAL PALACE PIPE CO., LTD, NO 15, RONG 85, ZHENNAN ROAD, 200333 SHANGHAI, China  Item shall be supplied in accordance with the following TQRs: A00, A07, F00, F05, F50, F51, F52, F521, F55, F57, F60, G00, G01, G02, G03  The following documents and/or records shall be submitted with the above item: G044 - PACKING SLIP/LIST OR DELIVERY NOTE G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)					
25	432060	SS-1"X0.120"	M	138	28-Aug-25	NSR
	TUBING.INSTRUMENT,SC:NSR,SIZE:1",WALL THICKNESS:0.120",MATERIAL:ASTM A-213, 316/316L, RATING:2500PSIG, SEAMLESS, PLAIN ENDS					
	Item shall be supplied in accordance with the following TQRs: A00, A07, F00, F05, F50, F51, F52, F521, F55, F57, F60, G00, G01, G02, G03  The following documents and/or records shall be submitted with the above item: G044 - PACKING SLIP/LIST OR DELIVERY NOTE G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)					

## 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.**

### **A02 - ORDER ENTRY REQUIREMENTS**

THE SALES OFFICE AND/OR IMPORTER RECEIVING THIS PURCHASE ORDER SHALL TRANSMIT ALL NEK PURCHASE ORDER REQUIREMENTS TO THE EQUIPMENT MANUFACTURER.

### **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 ARRANGMENT 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 RETRIVEABLE 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 WRITTING TO THE NEK IMPORT DEPARTMENT SUPERINTENDENT FOR APPROVAL.

**F00 - SHIPPING, HANDLING, MARKING AND STORAGE INSTRUCTIONS ;  
STEEL BEAMS/ ANGLES/PIPES LENGTH SHALL BE MAX. 6m.**

**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.

**F03 - HANDLING, PACKAGING AND SHIPPING**

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

**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.

**F30 - CONTAINER MARKING REQUIREMENTS**

SHIPPING CONTAINERS OR CARTONS ARE TO BE CLEARLY MARKED OR TAGGED WITH:

**F31 - THE PURCHASE ORDER NUMBER**

**F32 - SHORT DESCRIPTION**

**F33 - PART NUMBER**

**F38 - LOT OR BATCH NO.**

**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**

**F52 - NEK ITEM NUMBER**

**F521 - PART/ CATALOG NO.**

**F54 - TYPE/MODEL/GRADE**

**F55 - HEAT NO. BATCH NO. OR CODE**

**F56 - RATING**

**F57 - MANUFACTURER'S NAME**

**F58 - MATERIAL SPECIFICATION OR CODE**

**F60 - MATERIAL DESCRIPTION OR COMPOSITION**

**F61 - SIZE**

**F64 - SCHEDULE**

**F90 - PACKING SLIPS ARE TO BE SHIPPED WITH ORDER**

**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.

**F03 - HANDLING, PACKAGING AND SHIPPING**

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

**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.

**F30 - CONTAINER MARKING REQUIREMENTS**

SHIPPING CONTAINERS OR CARTONS ARE TO BE CLEARLY MARKED OR TAGGED WITH:

**F31 - THE PURCHASE ORDER NUMBER**

**F32 - SHORT DESCRIPTION**

**F33 - PART NUMBER**

**F38 - LOT OR BATCH NO.**

**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**

**F52 - NEK ITEM NUMBER**

**F521 - PART/ CATALOG NO.**

**F54 - TYPE/MODEL/GRADE**

**F55 - HEAT NO. BATCH NO. OR CODE**

**F56 - RATING**

**F57 - MANUFACTURER'S NAME**

**F58 - MATERIAL SPECIFICATION OR CODE**

**F60 - MATERIAL DESCRIPTION OR COMPOSITION**

**F61 - SIZE**

**F64 - SCHEDULE**

**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.

**G021 - MATERIAL AND DOCUMENTATION SHIPPING**

MATERIAL AND ALL CERTIFICATIONS OR ACCOMPANYING DOCUMENTATION SUPPLIED UNDER THIS ORDER SHALL BE DIRECTLY SHIPPED FROM THE SUPPLIER TO NEK. THE SUPPLIER SHALL SEND TO NEK EITHER ALL ORIGINAL MATERIAL DOCUMENTATION PROVIDING QUALITY OF THE PRODUCT OR COPIES OF ORIGINAL DOCUMENTATION SIGNED BY NOTARY PUBLIC.

**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.

**G04 - THE CERTIFICATE OF CONFORMANCE**

THE CERTIFICATE OF CONFORMANCE SHALL SATISFY THE FOLLOWING CRITERIA:

1. IDENTIFY THE PURCHASE ORDER NUMBER, INCLUDING ITEM NUMBERS AND CHANGE ORDER NUMBER APPLICABLE TO THE ITEM BEING CERTIFIED.
2. A PERSON IDENTIFIED IN THE SUPPLIER'S QUALITY ASSURANCE PROGRAM DESCRIPTION AS RESPONSIBLE FOR CERTIFICATION SHALL ATTEST TO THE CERTIFICATE BY SIGNATURE, TITLE AND DATE OF SIGNING.
3. NEK RESERVES THE RIGHT TO DETERMINE THE VALIDITY OF THE CERTIFICATE OF CONFORMANCE BY AN AUDIT OF THE SUPPLIER OR BY AN INSPECTION OR TEST OF THE ITEM(S).

**G044 - PACKING SLIP/LIST OR DELIVERY NOTE**

PACKING SLIP/LIST OR DELIVERY NOTE MUST BE DELIVERED WITH THE ITEMS CONTAINING THE FOLLOWING DATA: PURCHASE ORDER NUMBER/S, PART NUMBER/S, NEK ITEM NO., ITEM DESCRIPTION AND QUANTITY!

**G05 - CERTIFICATE OF COMPLIANCE WITH PURCHASE ORDER REQUIREMENTS**

THE CERTIFICATE OF COMPLIANCE SHALL SATISFY THE FOLLOWING CRITERIA:

1. IDENTIFY THE PURCHASE ORDER NUMBER, INCLUDING ITEM NUMBERS AND CHANGE ORDER NUMBER APPLICABLE TO THE ITEM BEING CERTIFIED.
2. A PERSON IDENTIFIED IN THE SUPPLIER'S QUALITY ASSURANCE PROGRAM DESCRIPTION AS RESPONSIBLE FOR CERTIFICATION SHALL ATTEST TO THE CERTIFICATE BY SIGNATURE, TITLE AND DATE OF SIGNING.
3. SUPPORTING DOCUMENTATION TO SUBSTANTIATE THE CERTIFICATE SHALL BE INCLUDED, UNLESS OTHERWISE WAIVED BY NEK.
4. NEK RESERVES 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).

**G09 - ASME QUALITY SYSTEM CERTIFICATES**

MATERIAL SHALL BE SUPPLIED IN ACCORDANCE WITH ASME SECTION II AND/OR III UNDER AN APPROVED NCA-3800/NA-3700 PROGRAM BY A MATERIAL MANUFACTURER (MM) OR MATERIAL SUPPLIER (MS) HAVING AN ASME QUALITY SYSTEM CERTIFICATE.

MATERIAL MANUFACTURER OR MATERIAL SUPPLIER SHALL INCLUDE HIS CERTIFICATE NUMBER AND EXPIRATION DATE ON THE 'CMTR' OR CERTIFICATE OF COMPLIANCE AS REQUIRED BY 'ASME'.

**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.

**G26 - MAJOR DEFECT REPAIR RECORDS (IF APPLICABLE)**

IF WELD REPAIRS ARE REQUIRED, THE SUPPLIER WILL SUBMIT A WELDING PROCEDURE AND QUALIFICATIONS, WELDING TEST RECORD AND MATERIAL CERTIFICATE FOR THE FILLER METAL FOR THE APPLICABLE ITEMS.

**G31 - STATEMENT OF CODE (ASME-II OR III) RECONCILIATION (IF REQUIRED)**

THE RECONCILIATION REPORT TO THE ORIGINAL CODE EDITION AND ADDENDA IS REQUESTED TO BE SUBMITTED FOR REVIEW PRIOR TO MACHINING OF PART.

COMPONENT/ PART SHALL MEET THE LATEST ASME CODE EDITION AND ADDENDA APPROVED BY NRC NUCLEAR REGULATORY COMMISSION) AS STATED IN 10 CFR 50.55A.

**G33 - ULTRASONIC (UT) TEST RECORD**

**G40 - FLATTENING TEST RECORD**

**G41 - BEND TEST RECORD**

**G48 - HYDRO PRESSURE TEST RECORD**

**G54 - HEAT TREATMENT RECORDS OR REPORTS**

**G55 - CERTIFIED MATERIAL TEST RECORDS-MECHANICAL PROPERTIES**

**G56 - CERTIFIED MATERIAL TEST RECORDS-CHEMICAL COMPOSITION**

**G69 - FINAL INSPECTION REPORT (VISUAL, DIMENSIONAL)**

**G80 - MATERIAL CERTIFICATE (CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES)**

**G82 - MINIMUM WALL THICKNESS MEASUREMENT RECORD**

For item: 405419

**X04 - ASME CODE REQUIREMENTS**

ASME SECTION III ITEMS SHALL MEET: CLASS 2  
CODE EDITION: 1971      ADDENDA: WINTER 1972  
MATERIAL FOR ITEMS GOVERNED BY THE RULES OF ASME SECTION III MAY BE SUPPLIED TO A LATER CODE EDITION OR ADDENDA PROVIDED THAT ALL THE REQUIREMENTS OF THE ORIGINAL CODE EDITION AND ADDENDA OF ASME SECTION II AND III AND NEK SPECIFIED CODE CASE(S) ARE MET AND THE MATERIAL IS CERTIFIED ACCORDINGLY. IN ADDITION, THE SUPPLIER SHALL PROVIDE NEK WITH A STATEMENT OF CODE RECONCILIATION, IF REQUIRED.

For item: 45041

**X04 - ASME CODE REQUIREMENTS**

ASME SECTION III ITEMS SHALL MEET: CLASS 3  
CODE EDITION: 1971      ADDENDA: WINTER 1972  
MATERIAL FOR ITEMS GOVERNED BY THE RULES OF ASME SECTION III MAY BE SUPPLIED TO A LATER CODE EDITION OR ADDENDA PROVIDED THAT ALL THE REQUIREMENTS OF THE ORIGINAL CODE EDITION AND ADDENDA OF ASME SECTION II AND III AND NEK SPECIFIED CODE CASE(S) ARE MET AND THE MATERIAL IS CERTIFIED ACCORDINGLY. IN ADDITION, THE SUPPLIER SHALL PROVIDE NEK WITH A STATEMENT OF CODE RECONCILIATION, IF REQUIRED.

For item: 400099

**X04 - ASME CODE REQUIREMENTS**

ASME SECTION III ITEMS SHALL MEET: CLASS 3  
CODE EDITION: 1971      ADDENDA: WINTER 1972  
MATERIAL FOR ITEMS GOVERNED BY THE RULES OF ASME SECTION III MAY BE SUPPLIED TO A LATER CODE EDITION OR ADDENDA PROVIDED THAT ALL THE REQUIREMENTS OF THE ORIGINAL CODE EDITION AND ADDENDA OF ASME SECTION II AND III AND NEK SPECIFIED CODE CASE(S) ARE MET AND THE MATERIAL IS CERTIFIED ACCORDINGLY. IN ADDITION, THE SUPPLIER SHALL PROVIDE NEK WITH A STATEMENT OF CODE RECONCILIATION, IF REQUIRED.

For item: 429242

**X04 - ASME CODE REQUIREMENTS**

ASME SECTION III ITEMS SHALL MEET: CLASS 1  
CODE EDITION: 1971      ADDENDA: W1972  
MATERIAL FOR ITEMS GOVERNED BY THE RULES OF ASME SECTION III MAY BE SUPPLIED TO A LATER CODE EDITION OR ADDENDA PROVIDED THAT ALL THE REQUIREMENTS OF THE ORIGINAL CODE EDITION AND ADDENDA OF ASME SECTION II AND III AND NEK SPECIFIED CODE CASE(S) ARE MET AND THE MATERIAL IS CERTIFIED ACCORDINGLY. IN ADDITION, THE SUPPLIER SHALL PROVIDE NEK WITH A STATEMENT OF CODE RECONCILIATION, IF REQUIRED.

For item: 429241

**X04 - ASME CODE REQUIREMENTS**

ASME SECTION III ITEMS SHALL MEET: CLASS 1  
CODE EDITION: 1971      ADDENDA: W1972  
MATERIAL FOR ITEMS GOVERNED BY THE RULES OF ASME SECTION III MAY BE SUPPLIED TO A LATER CODE EDITION OR ADDENDA PROVIDED THAT ALL THE REQUIREMENTS OF THE ORIGINAL CODE EDITION AND ADDENDA OF ASME SECTION II AND III AND NEK SPECIFIED CODE CASE(S) ARE MET AND THE MATERIAL IS CERTIFIED ACCORDINGLY. IN ADDITION, THE SUPPLIER SHALL PROVIDE NEK WITH A STATEMENT OF CODE

RECONCILIATION, IF REQUIRED.

### **3. ISO 14000 and ISO 45001 CERTIFICATIONS (or comparable standard), CBAM REQUIREMENTS**

**Please, put in your quotation corresponding statements related to your company ISO 14001 or ISO 45001 certifications:**

- We have ISO 14001 qualification (or comparable standard) and apply it adequately - please, enclose a copy of the ISO certificate.
  - We are in the initial process of implementing ISO 14001 (or comparable standard) - please, quote expected date of your company ISO certification.
  - We do not have ISO 14001 (or comparable standard) qualification.
- and
- We have ISO 45001 qualification (or comparable standard) and apply it adequately - please, enclose a copy of the ISO certificate.
  - We are in the initial process of implementing ISO 45001 (or comparable standard) - please, quote expected date of your company ISO certification.
  - We do not have ISO 45001 (or comparable standard) qualification.

#### **CBAM (Carbon Border Adjustment) REQUIREMENTS**

For goods falling under the scope of the EU Regulation 2023/956 on the Carbon Border Adjustment Mechanism (CBAM), the Supplier shall provide data on embedded greenhouse gas emissions. Only actual emissions data (not default values) will be accepted. The Supplier shall submit the required information either using its own records or by completing the CBAM Communication Template provided by the Purchaser.

The requested data must be submitted in a timely manner upon request, to enable the Purchaser to meet its regulatory reporting deadlines.