**SURVEY QUESTIONAIRE**

**FOR PURCHASE PROCUREMENT STATIC MATERIAL FOR PITSTOP RFCC 2025, HMU AND MAINTENANCE GTG**

Nghi Son Refinery & Petrochemical Limited Liability Company (NSRP) is planning for procurement of General spare parts of rotating equipment to select suitable supplier for supply the good.

If your company is interested in those procurement packages, please fill in and the complete questionnaire below then send email to pk.tinhnt@nsrp.com.vn **“Response for Questionnaire “PROCUREMENT STATIC MATERIAL FOR PITSTOP RFCC 2025, HMU AND MAINTENANCE GTG”** by **10th August 2025** at the latest. For the avoidance of doubt, this notice does not constitute any contractual offer, binding promise or guarantee of business by NSRP.

Please answer the questions below:

**Part 1. Survey Questionnaire.**

**QUESTION 1:**. Does your company have a business license which has a business sector in relation to Material or Service for oil, gas and chemical industry follow the law?

1. Yes
2. No

 If yes, please attach scanned copy

**QUESTION 2:** Does your company have any reference contracts/purchase orders for materials such as BOLT, NUT, GASKET, PIPE, NOZZLE, TUBE as detail in attachment 1?

1. Yes
2. No

 If yes, please provide at least 03 Contracts/purchase orders.

**QUESTION 3:** Does your Company have ISO 9001 Series certified or does Manufacturers who you cooperated with have ISO 9001 Series certified?

1. Yes

1. No

If yes, provide a copy of both the ISO certificate of your company and Manufacturers.

**QUESTION 4:** Please provide the typical lead time for each item listed in Attachment 1.

**Question 5:** Can your company supply the full list of items indicated in Attachment 1?

1. Yes
2. No – Please specify in Attachment 1 which items you cannot supply.

**Documents Enclosed:**

* Attachment 1: Product Requirement

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No, | **Code** | **Short Description** | **Long Description** | **UOM** | **TYPE** | **OEM Name** | **Can supply?(yes/no** | **Lead Time (weeks)** |
| 1 | 2095708621 | STUD BOLT,WITH NUT,0.625IN,90MM, SA193- B8M, SA194- 8M,2 NUTS | STUD BOLT, WITH NUT, MAT SPEC, STUD BOLT(S): ASME SA193 GRADE B8M, MAT SPEC, NUT(S): SA194 GRADE 8M, TYPE OF THREAD: ASME B1.1 SERIES UNC, TYPE, NUT: UN HEAVY HEXAGONAL, NUMBER, NUTS PER STUD BOLT: 2 NUTS, LENGTH: 90MM, SIZE: 0.625IN, QA/QC DOCUMENT REQUIRED: CO/CQ/ MTC | EA | Mechanical material | GENERIC |  |  |
| 2 | 2095706752 | BOLT, NUT, 0.75IN, 115MM L, ASTM SA193 GR B8 2#/SA194-GR 8, STUD BOLT 10UNC WITH 2HNN | BOLT, NUT, 0.75IN, 115MM L, ASTM SA193 GR B8 2#/SA194-GR 8, STUD BOLT 10UNC WITH 2HNN | SET | Mechanical material | GENERIC |  |  |
| 3 | 2019957621 | SHEET/PLATE, SOLID, METALLIC, SST, ASTM A240 GR 304H, 1500MM to 2500MM X 1000MM to 6100MM, 6MM | SHEET/PLATE, SOLID, METALLIC, MATERIAL: STAINLESS STEEL, MAT, SPEC: ASME SA240 GRADE 304H, RESTRICTION N/A, CHEMICAL: N/A, SIZE: 1500MM to 2500MM X 1000MM to 6100MM, THICKNESS: 6MM, QA/QC DOCUMENT REQUIRED: CO/CQ/MTC | M2 | Mechanical material | GENERIC |  |  |
| 4 | 2030863323 | GASKET,SW,1455 X 1415 X 1375 X 1335,4.5MM THK,SS304,SS304,GRAPHITE,SS304 | GASKET, SPIRAL WOUND, DESIGN SPEC: ASME B16.20, SIZE: 1455 X 1415 X 1375 X 1335, PRESSURE DESIGNATION: N/A, THICKNESS, GASKET: AS PER DESIGN, THICKNESS, INNER RING: AS PER DESIGN, THICKNESS, CENTRING RING: AS PER DESIGN, MAT, WINDINGS: SS304, MAT, FILLER: GRAPHITE, MAT, INNER RING: SS3034, MAT, CENTRING RING: SS304, QA/QC DOCUMENT REQUIRED: CO/CQ | PC | Mechanical material | GENERIC |  |  |
| 5 | 2030100097 | PIPE,METAL,3IN, SA312- TP304H,SCH80S,BE | PIPE, METALLIC, MATERIAL: STAINLESS STEEL, MAT, SPEC: ASME SA312 GRADE TP304H, SERVICE: NON-SOUR, DIMENSIONAL SPEC: ASME B36.10M/B36.19M, MANUFACTURING PROCESS: SEAMLESS, END PREPARATION: BEVEL END (BE), LENGTH: DRL, SCHEDULE NUMBER: SCH80S, SIZE: 3IN, QA/QC DOCUMENT REQUIRED: CO/CQ/MTC | M | Mechanical material | GENERIC |  |  |
| 6 | 2001400935 | NOZZLE, SA479-304H, REGENERATOR, VJ2151-101-A-188, A-04 | PIPE FITTINGS, FABRICATED, ITEM: NOZZLE, MATERIAL: SA479-304H, APPLICATION: REGENERATOR, NSRP DRAWING NUMBER: VJ2151-101-A-188, POSITION NUMBER: A-04, QA/QC DOCUMENT REQUIRED: CQ, MTC | PC | Mechanical material | GENERIC |  |  |
| 7 | 2030100098 | PIPE, 10IN, SCH80S, SA-312 TP304H | PIPE, 10IN, SCH80S, SA-312 TP304H | M | Mechanical material | GENERIC |  |  |
| 8 | 2080601418 | STEEL PLATE, SPECIFICATION: SS400 X 16T X 1500 X 6000 | STEEL PLATE, SPECIFICATION: SS400 X 16T X 1500 X 6000 | M2 | Mechanical material | GENERIC |  |  |
| 9 | 2060210508 | STUD BOLT,WITH NUT,1.875IN,375MM, SA193-B7 , SA194-2H,2 NUTS | STUD BOLT,WITH NUT,MAT SPEC, STUD BOLT(S):ASME SA193 GRADE B7 ,MAT SPEC, NUT(S): SA194 GRADE 2H,TYPE OF THREAD:ASME B1.1, 8UN,TYPE, NUT:HEAVY HEX NUTS,NUMBER, NUTS PER STUD BOLT:2,LENGTH:375MM,SIZE:1.875IN,QA/QC DOCUMENT REQUIRED:CO/CQ/ MTC | SET | Mechanical material | GENERIC |  |  |
| 10 | 2060210510 | STUD BOLT,WITH NUT,1.875IN,335MM, SA193-B7 , SA194-2H,2 NUTS | STUD BOLT,WITH NUT,MAT SPEC, STUD BOLT(S):ASME SA193 GRADE B7 ,MAT SPEC, NUT(S): SA194 GRADE 2H,TYPE OF THREAD:ASME B1.1, 8UN,TYPE, NUT:HEAVY HEX NUTS,NUMBER, NUTS PER STUD BOLT:2,LENGTH:335MM,SIZE:1.875IN,QA/QC DOCUMENT REQUIRED:CO/CQ/ MTC | SET | Mechanical material | GENERIC |  |  |
| 11 | 2060210506 | STUD BOLT,WITH NUT,2.25IN,465MM, SA193-B7 ,SA194-2H,2 NUTS | STUD BOLT,WITH NUT,MAT SPEC, STUD BOLT(S):ASME SA193 GRADE B7 ,MAT SPEC, NUT(S):SA194 GRADE 2H,TYPE OF THREAD:ASME B1.1, 8UN,TYPE, NUT:HEAVY HEX NUTS,NUMBER, NUTS PER STUD BOLT:2,LENGTH:465MM,SIZE:2.25IN,QA/QC DOCUMENT REQUIRED:CO/CQ/ MTC | SET | Mechanical material | GENERIC |  |  |
| 12 | 2050257743 | BOLT, BOLT NUT WITH WASHER, M20 X 65MM LG, A193-B8M CL.1/ 194-8M | BOLT, BOLT NUT WITH WASHER, M20 X 65MM LG, A193-B8M CL.1/ 194-8M | SET | Mechanical material | GENERIC |  |  |
| 13 | 2060210507 | GASKET,SW,P73T-000JW,36IN,CL600,4.5MM,SS316,GRAPHITE,SS316,CS | GASKET,SPIRAL WOUND,DESIGN SPEC:ASME B16.20,DESIGN SPEC, FLANGE(S):ASME16.47 SERIES B, RF,TEMPERATURE RANGE:-50 TO 427,SIZE:36IN,PRESSURE DESIGNATION:CL600,THICKNESS, GASKET:4.5MM,THICKNESS, INNER RING:AS PER DESIGN,THICKNESS, CENTRING RING:AS PER DESIGN,MAT, WINDINGS:SS316,MAT, FILLER:GRAPHITE,MAT, INNER RING:SS316,MAT, CENTRING RING:CS,INSPECTION, CERTIFICATE:EN 10204 -3.1/ ISO 10474 -3.1,NSRP IDENT CODE:P73T-000JW,QA/QC DOCUMENT REQUIRED:CO/CQ | PC | Mechanical material | GENERIC |  |  |
| 14 | 2060210509 | GASKET, SW, 2232.4 X 2176.2 X 2126.2 X 2006 X 4.5MM THK, SS304 WDG, GRA FLR, IR/OR: SS304, 022-R-105 | GASKET, SW, 2232.4 X 2176.2 X 2126.2 X 2006 X 4.5MM THK, SS304 WINDING, GRAPHITE FILLER, ASME B16.20, IR/OR: SS304/SS304, 022-R-105, POS#: 5-07, DWG#: VJ2151-101-A-291 | PC | Mechanical material | GENERIC |  |  |
| 15 | 2060210511 | GASKET, SW, 1422.4 X 1366.2 X 1316.2 X 1216 X 4.5MM THK, SS304 WDG, GRA FLR, IR/OR: SS304, 022-R-105 | GASKET, SW, 1422.4 X 1366.2 X 1316.2 X 1216 X 4.5MM THK, SS304 WINDING, GRAPHITE FILLER, ASME B16.20, IR/OR: SS304/SS304, 022-R-105, POS#: 9-04, DWG#: VJ2151-101-A-292 | PC | Mechanical material | GENERIC |  |  |
| 16 | 2060210512 | GASKET, SW, 1532.4 X 1476.2 X 1426.2 X 1326 X 4.5MM THK, SS304 WDG, GRA FILER, IR/OR: SS304/SS304 | GASKET, SW, 1532.4 X 1476.2 X 1426.2 X 1326 X 4.5MM THK, SS304 WINDING, GRAPHITE FILLER, ASME B16.20, IR/OR: SS304/SS304, 022-R-105, POS#: 11-04, DWG#: VJ2151-101-A-292 | PC | Mechanical material | GENERIC |  |  |
| 17 | 2060139341 | CERAMIC FIBER BLANKET,12.5MM.THK CO,CQ | CERAMIC FIBER BLANKET, ITEM TYPE: INSULATION/REFRATORY, SIZE: 600X7200X12.5MM.THK, MATERIAL: CERAMIC FIBER, DESITY128KG/M3, TEPERATURE RATE: 1260 DEG.C, , ADDITIONAL INFORMATION: COMMON USE FOR BUNER/ HEATER, QA/QC DOCUMENT REQUIRED: CO, CQ | RLL | Mechanical material | GENERIC |  |  |
| 18 | 2030861491 | GASKET,SW,34IN,CL600,4.5MM,SS316,GRAPHITE,SS316,SS316 | GASKET,SPIRAL WOUND,DESIGN SPEC:ASME B16.20,DESIGN SPEC, FLANGE(S):ASME16.47 SERIES B, RF,SIZE:34IN,PRESSURE DESIGNATION:CL600,THICKNESS, GASKET:4.5MM,THICKNESS, INNER RING:AS PER DESIGN,THICKNESS, CENTRING RING:AS PER DESIGN,MAT, WINDINGS:SS316,MAT, FILLER:GRAPHITE,MAT, INNER RING:SS316,MAT, CENTRING RING:SS316,QA/QC DOCUMENT REQUIRED:CO/CQ | PC | Mechanical material | GENERIC |  |  |
| 19 | 2050258122 | STUD BOLT,WITH NUT,2.25IN,505MM,ASTM A193 GRADE B7 ,A194 GRADE 2H,2 | STUD BOLT,WITH NUT,MAT SPEC, STUD BOLT(S):ASTM A193 GRADE B7 ,MAT SPEC, NUT(S):A194 GRADE 2H,TYPE OF THREAD:ASME B1.1, 8UN,TYPE, NUT:HEAVY HEX NUTS,NUMBER, NUTS PER STUD BOLT:2,LENGTH:505MM,SIZE:2.25IN,QA/QC DOCUMENT REQUIRED:CO/CQ/ MTC | SET | Mechanical material | GENERIC |  |  |
| 20 | 2080500330 | SHEET, NON-METALLIC, TEFLON , 0.3MM,W1000MM X 50000MM | SHEET, NON-METALLIC, MATERIAL: TEFLON, THICKNESS: 0.3MM, DENSITY: 2.15-2.2G/CM3, SIZE: 1000MM X 50000MM, TENSILE STRENGTH: 10~32MPA, ADDITIONAL INFORMATION: TEFLON SHEET, TEMPERATURE RANGE: 260 DEG C, MELTING POINT: ~327 DEG C, FORM OF SUPPLY 50M/ROLL, , QA/QC DOCUMENT REQUIRED:CO,CQ | M | Mechanical material | GENERIC |  |  |
| 21 | 2080500435 | SHEET, NON-METALLIC, PTFE COATED FIBER GLASS, 0.6MM, 780 G/M2,  W1.5M X 45M, 3660 x 3170 (N/50MM) | SHEET, NON-METALLIC, MATERIAL: PTFE COATED FIBER GLASS CLOTH, THICKNESS: 0.6MM, DENSITY: 780 G/M2 (AREA WEIGHT), SIZE: 1.5M X 45M, TENSILE STRENGTH: 3660 x 3170 (N/50MM), ADDITIONAL INFORMATION:PTFE COATED FIBER GLASS CLOTH, TEMPERATURE RANGE: 260 DEG C, MELTING POINT: ~327 DEG C FORM OF SUPPLY, 45M/ROLL, FABRIC FORM, QA/QC DOCUMENT REQUIRED: CO,CQ | M | Mechanical material | GENERIC |  |  |
| 22 | 2050211364 | STUD BOLT,WITH NUT,1.125IN,446MM,SA320-L7, SA194-4,2 NUTS, SQ HEAD 20MM | STUD BOLT,WITH NUT,MAT SPEC, STUD BOLT(S):ASME SA320 GRADE L7,MAT SPEC, NUT(S): SA194 GRADE 4,TYPE OF THREAD:ASME B1.1 SERIE 8UN,TYPE, NUT:UN HEAVY HEXAGONAL,NUMBER, NUTS PER STUD BOLT:2 NUTS,LENGTH:446MM,SIZE:1.125IN,ADDITIONAL INFORMATION:SQUARE HEAD 20MM,ALL BOLT THREADS SHALL BE COATED WITH A HIGH TEMPERATURE COPPER POWDER BASED ANTI-SEIZING LUBRICANT, NSRP DOC: VJ2153-203-B-022, POS. 10,QA/QC DOCUMENT REQUIRED:CO/CQ/ MTC | SET | Mechanical material | GENERIC |  |  |
| 23 | 2000502651 | BAR, ROUND, CS,PLAIN,ASTM SA179,20MM,CO,CQ,MTC | BAR, ROUND, MATERIAL: CS, TYPE: PLAIN, MAT, SPEC: ASTM SA179, DIAMETER: 20MM, QA/QC DOCUMENT REQUIRED: CO, CQ, MTC | M | Mechanical material | GENERIC |  |  |
| 24 | 2080500437 | WIRE ROPE CLIP, M10 FOR WIRE ROPE OD 8MM, STAINLESS STEEL | CLIP,WIRE ROPE,WIRE ROPE DIA:8MM,BOLT DIA:M10,DESIGN SPEC:EN 13411-5 Type B,CONTENT:U BOLTS, NUTS, CLIP,MATERIAL: STAINLESS STEEL, QA/QC DOCUMENT REQUIRED: CO,CQ. | PC | Mechanical material | GENERIC |  |  |
| 25 | 2080500438 | WIRE ROPE CLIP, M12 FOR WIRE ROPE OD 10MM, STAINLESS STEEL | CLIP,WIRE ROPE,WIRE ROPE DIA:12MM,BOLT DIA:M10,DESIGN SPEC:EN 13411-5 Type B,CONTENT:U BOLTS, NUTS, CLIP,MATERIAL: STAINLESS STEEL, QA/QC DOCUMENT REQUIRED: CO,CQ. | PC | Mechanical material | GENERIC |  |  |
| 26 | 2080500439 | ROPE,WIRE,STEEL,OD 8MM, MULTIPLE STRANDS. | ROPE, WIRE, STEEL, FINISH: GALVANIZED, CONSTRUCTION: MULTIPLE STRANDS,CONSTRUCTION, STRAND: ROUND, ROPE CORE: STAINLESS STEEL, DIAMETER: OD 8MM, DIRECTION, LAY: AS PER MANUFACTURE, MINIMUM BREAKING LOAD: 37 KN, CERTIF, TEST REPORT: EN 10204 -3.1, QA/QC DOCUMENT REQUIRED: CO/CQ/ PROOF TEST CERTIFICATE | M | Mechanical material | GENERIC |  |  |
| 27 | 2080500440 | ROPE,WIRE,STEEL,OD 6MM, MULTIPLE STRANDS. | ROPE, WIRE, STEEL, FINISH: GALVANIZED, CONSTRUCTION: MULTIPLE STRANDS,CONSTRUCTION, STRAND: ROUND, ROPE CORE: STAINLESS STEEL, DIAMETER: OD 6MM, DIRECTION, LAY: AS PER MANUFACTURE, MINIMUM BREAKING LOAD: 21 KN, CERTIF, TEST REPORT: EN 10204 -3.1, QA/QC DOCUMENT REQUIRED: CO/CQ/ PROOF TEST CERTIFICATE | M | Mechanical material | GENERIC |  |  |
| 28 | 2001405246 | REFRACTORIES,THERVEK G-LC24(PLIGUN-LWI-24),AGC PLIBRICO,CO,CQ,PRESHIPMENT TEST | REFRACTORIES, ITEM: MONOLITHIC, TYPE/PRODUCT NAME: THERVEK G-LC24, MATERIAL: ALUMINA SILICATE, FORM OF SUPPLY: 25KG/BAG, TEMPERATURE RATING: 1350 DEG C, APPLICATION METHOD: GUNITE/HAND PACK, SUPPLEMENTARY REQUIREMENTS: STORAGE LIFE 12 MONTHS, ADDITIONAL INFORMATION, MANUFACTURER: AGC PRIBRICO, OLD PRODUCT NAME: PLIGUN LWI-24, QA/QC DOCUMENT REQUIRED: CO, CQ, PRESHIPMENT TEST | KG | Refractory | AGC PLIBRICO |  |  |
| 29 | 2000505018 | V ANCHOR,VJ2151-101-A-470,V3,D8MMX80MM,SS 304,CO,CQ,MTC | STRUCTURAL PRODUCT, FABRICATED, ITEM: V ANCHOR, MATERIAL: SS 304, APPLICATION: REFRACTORY, DRAWING NUMBER:VJ2151-101-A-470,POSITION: V3, ADDITIONAL INFORMATION, SIZE/DIMENSION: DIA.8MMX80MM, QA/QC DOCUMENT REQUIRED : CO, CQ, MILL TEST REPORT | PC | Refractory | GENERIC |  |  |
| 30 | 2001405504 | SUPPORT, STRUCTURES, CAPS, PLASTIC, VJ2156-008-A-231, 4.1 | SUPPORT, STRUCTURES, ITEM:CAPS, MATERIAL:PLASTIC, DRAWING NUMBER:VJ2156-008-A-231, POSITION NO.: 4.1, ADDITIONAL INFORMATION: FOR FOOTED VEE ANCHOR D8MM, QA/QC DOCUMENT REQUIRED : CO, CQ | PC | Refractory | GENERIC |  |  |
| 31 | 2081400002 | REFRACTORIES, CASTABLE, THERVEK ABR MW, ALUMINA SILICATE, VIBRATION/FREE FLOW CASTING | REFRACTORIES, ITEM: CASTABLE, TYPE/PRODUCT NAME: THERVEK ABR MW, MATERIAL: ALUMINA SILICATE, FORM OF SUPPLY: 25KG/BAG, TEMPERATURE RATING: 1300 DEG C, APPLICATION METHOD: VIBRATION/FREE FLOW CASTING, SUPPLEMENTARY REQUIREMENTS: STORAGE LIFE 9 MONTHS, ADDITIONAL INFORMATION : OEM, AGC PRIBRICO, CO, CQ, PRESHIPMENT TEST | KG | Refractory | AGC PLIBRICO |  |  |
| 32 | 2001405364 | COATING CEMENT 180,CF4, J-13072-37,CF4,AGC PLIBRICO.,CO,CQ/COA,MSDS | REACTOR, PARTS, ITEM: COATING CEMENT 180, SIZE: 3L/CAN, MATERIAL: 1260DEG.C(SERVICE), PART NUMBER: CF4, OEM DRAWING NUMBER: J-13072-37, POSITION NUMBER: CF4, EQPT MANUFACTURER: AGC PLIBRICO., ADDITIONAL INFORMATION: VJ2151-101-A-467\_8, QA/QC DOCUMENT REQUIRED: CO, CQ/COA, MSDS | CAN | Refractory | AGC PLIBRICO |  |  |
| 33 | 2000502182 | SHEET/PLATE, SOLID, METALLIC, SST, ASME SA240 GR 304H, 1500- 2500MM X  3000 - 6100MM, THK: 19 - 20MM | SHEET/PLATE, SOLID, METALLIC, MATERIAL: STAINLESS STEEL, MAT, SPEC: ASME SA240 GRADE 304H, RESTRICTION: N/A, CHEMICAL: N/A, SIZE: 1500MM TO 2500MM X 3000MM TO 6100MM, THICKNESS: 19MM TO 20MM (NOMINAL THICKNESS), QA/QC DOCUMENT REQUIRED: CO/CQ/MTC | M2 | Mechanical material | GENERIC |  |  |
| 34 | 2081400001 | REFRACTORIES, COMPOUND, ACTCHEM 85, ALUMINA SILICATE, 25KG/BAG, 1250 DEGREE C, DRAMICOM | REFRACTORIES, ITEM: COMPOUND, TYPE / PRODUCT NAME: ACTCHEM 85, MATERIAL: ALUMINA SILICATE, FORM OF SUPPLY: 25KG/BAG, TEST TEMPERATURE RATING: 1250 DEGREE C, APPLICATION METHOD: RAMMING OR HAND PACKING, ADDITIONAL INFORMATION: AXEN TYPE 3, DRAMICOM, QA/QC DOCUMENT REQUIRED: CO/ CQ/ TEST CER/ SDS | KG | Refractory | DRAMICOM |  |  |
| 35 | 2000502448 | SUPPORT, STRUCTURES, HEXMESH, T2 X 19H, TYPE 304H, VJ2151-101-A-470 | SUPPORT, STRUCTURES, ITEM:HEXMESH, SIZE/DIMENSION:T2 X 19H, MATERIAL:TYPE 304H, DRAWING NUMBER:VJ2151-101-A-470, POSITION NO.: HEXMESH, QA/QC DOCUMENT REQUIRED: CO, CQ, MILL TEST REPORT | M2 | Refractory | GENERIC |  |  |
| 36 | 2001405981 | SUPPORT, STRUCTURES, TACKO ANCHOR 19A, DIA56MMX19H, SUS304, VJ2151-101-A-470, T1,AGC PLIBRICO | SUPPORT, STRUCTURES, ITEM:TACKO ANCHOR 19A, SIZE/DIMENSION:DIA.56MMX19MM:MATERIAL:TYPE 304, DRAWING NUMBER:VJ2151-101-A-470, POSITION NO.: T1, , ADDITIONAL INFORMATION : AGC PLIBRICO, QA/QC DOCUMENT REQUIRED : CO, CQ, MILL TEST REPORT | EA | Refractory | AGC PLIBRICO |  |  |
| 37 | 2000502462 | SUPPORT, STRUCTURES, TACKO ANCHOR 19S, DIA36MMX19H, SUS304, VJ2151-101-A-470, T2,AGC PLIBRICO | SUPPORT, STRUCTURES, ITEM:TACKO ANCHOR 19S, SIZE/DIMENSION: DIA.36MMX19MM, MATERIAL: TYPE 304, DRAWING NUMBER:VJ2151-101-A-470, POSITION NO.: T2 , ADDITIONAL INFORMATION : AGC PLIBRICO , QA/QC DOCUMENT REQUIRED : CO, CQ, MILL TEST REPORT | PC | Refractory | AGC PLIBRICO |  |  |
| 38 | 2001400937 | NOZZLE,VJ2151-101-A-287,A-04 | PIPE FITTINGS,FABRICATED,ITEM:NOZZLE,MATERIAL:SA479-304H,APPLICATION:REGENERATOR,NSRP DRAWING NUMBER:VJ2151-101-A-287,PART NUMBER: A-04,ADDITIONAL INFORMATION,SIZE:SIZE:20MM.IDX50MM.ODX115MM.LG,QA/QC DOCUMENT REQUIRED: CO,CQ,MTC | PC | Refractory | GENERIC |  |  |
| 39 | 2000502723 | SUPPORT, STRUCTURES, PUNCH TAB, T2, TYPE 304H, VJ2151-101-A-470, RG/PT7 | SUPPORT, STRUCTURES, ITEM:PUNCH TAB, SIZE/DIMENSION:T2 X 33MM x 44.5MM, MATERIAL:TYPE 304H, DRAWING NUMBER:VJ2151-101-A-470, POSITION NO.: RG/PT7, QA/QC DOCUMENT REQUIRED : CO, CQ, MILL TEST REPORT | PC | Refractory | GENERIC |  |  |
| 40 | 2000502728 | SUPPORT, STRUCTURES, PUNCH TAB, T2 x 30 X 33.5 X 25MM, TYPE 304H, VJ2151-101-A-470, RG/PT13 | SUPPORT, STRUCTURES, ITEM:PUNCH TAB, SIZE/DIMENSION:T2 X 30MM X 33.5MM: MATERIAL:TYPE 304H, DRAWING NUMBER:VJ2151-101-A-470, POSITION NO.: RG/PT13, QA/QC DOCUMENT REQUIRED : CO, CQ, MILL TEST REPORT | PC | Refractory | GENERIC |  |  |
| 41 | 2001405583 | DRAIN,VJ2151-101-A-287,A-03 | PIPE FITTINGS,FABRICATED,ITEM:DRAIN,MATERIAL:SA479-304H,APPLICATION:REGENERATOR,NSRP DRAWING NUMBER:VJ2151-101-A-287,PART NUMBER: A-03,ADDITIONAL INFORMATION,SIZE:10MM.IDX45MM.ODX225MM.LG,QA/QC DOCUMENT REQUIRED: CO,CQ,MTC | PC | Refractory | GENERIC |  |  |
| 42 | 2000502129 | SHEET/PLATE, SA240-304H,2500 X 6000MM,10MM,CO/CQ/MTC | SHEET/PLATE, SOLID, METALLIC, MATERIAL: STAINLESS STEEL, MAT, SPEC: ASME SA240-304H, RESTRICTION, CHEMICAL: N/A, SIZE: 2500 X 6000MM, THICKNESS: 10MM, QA/QC DOCUMENT REQUIRED: CO/CQ/MTC | M2 | Refractory | GENERIC |  |  |
| 43 | 2081400032 | REFRACTORIES,THERVEK G-ABR MW (PLIGUN ABREST MW),AGC PLIBRICO,CO,CQ,PRESHIPMENT TEST | REFRACTORIES, ITEM: MONOLITHIC, TYPE/PRODUCT NAME: THERVEK G-ABR MW, MATERIAL: ALUMINA SILICATE, FORM OF SUPPLY: 25KG/BAG, TEMPERATURE RATING: 1350 DEG C, APPLICATION METHOD: GUNITE/HAND PACK, SUPPLEMENTARY REQUIREMENTS: STORAGE LIFE 9 MONTHS, ADDITIONAL INFORMATION, MANUFACTURER: AGC PRIBRICO, OLD PRODUCT NAME: PLIGUN ABREST MW, QA/QC DOCUMENT REQUIRED: CO, CQ, PRESHIPMENT TEST | KG | Refractory | AGC PLIBRICO |  |  |
| 44 | 2001403349 | V ANCHOR,VJ2156-008-A-200 PG 4,D8MMX100MM,SS 304,CO,CQ,MTC | STRUCTURAL PRODUCT, FABRICATED, ITEM: V ANCHOR, MATERIAL: SS 304, APPLICATION: REFRACTORY, DRAWING NUMBER:VJ2156-008-A-200 PAGE 4, ADDITIONAL INFORMATION, SIZE/DIMENSION: DIA.8MMX100MM, QA/QC DOCUMENT REQUIRED : CO, CQ, MILL TEST REPORT | PC | Refractory | GENERIC |  |  |
| 45 | 2000503471 | ANCHOR, VJ2155-501-A-067, V6, D 8MM X 125MM, TYPE 304H OR EQ. | SUPPORT, STRUCTURES, ITEM: ANCHOR, SIZE / DIMENSION: D 8MM X 125MM, MATERIAL: TYPE 304H., DRAWING NUMBER:  VJ2155-501-A-067, POSITION NUMBER: V6, ADDITIONAL INFORMATION: HEAT TREATMENT, SOLUTION ANNEALING AFTER FORMING, QA/QC DOCUMENT REQUIRED:  CO/CQ | PC | Refractory | GENERIC |  |  |
| 46 | 2000502459 | SUPPORT, STRUCTURES, PUNCH TAB, T2 x 70 X 47.5 X 18.5MM, TYPE 304H, VJ2151-101-A-470, RG/PT8 | SUPPORT, STRUCTURES, ITEM: PUNCH TAB, SIZE/DIMENSION: T2 X L70MM x W47.5MM X 18.5MM: MATERIAL: TYPE 304H, DRAWING NUMBER: VJ2151-101-A-470, POSITION NO.: RG/PT8, QA/QC DOCUMENT REQUIRED : CO, CQ, MILL TEST REPORT, ADDITIONAL INFORMATION: N/A | PC | Refractory | GENERIC |  |  |
| 47 | 2080500276 | SUPPORT, STRUCTURES, HEXMESH, T2 X 25H, TYPE 304H, VJ2151-101-A-448, RG/H8 | SUPPORT, STRUCTURES, ITEM:HEXMESH, SIZE/DIMENSION:T2 X 25H, MATERIAL:TYPE 304H, DRAWING NUMBER:VJ2151-101-A-448, POSITION NO.: RG/H8, QA/QC DOCUMENT REQUIRED : CO, CQ, MILL TEST REPORT | M2 | Refractory | GENERIC |  |  |
| 48 | 2081400031 | REFRACTORIES,THERVEK G-ABR (PLIGUN ABREST),AGC PLIBRICO,CO,CQ,PRESHIPMENT TEST | REFRACTORIES, ITEM: MONOLITHIC, TYPE/PRODUCT NAME: THERVEK G-ABR, MATERIAL: ALUMINA SILICATE, FORM OF SUPPLY: 25KG/BAG, TEMPERATURE RATING: 1400 DEG C, APPLICATION METHOD: GUNITE/HAND PACK, SUPPLEMENTARY REQUIREMENTS: STORAGE LIFE 9 MONTHS, ADDITIONAL INFORMATION, MANUFACTURER: AGC PLIBRICO, OLD PRODUCT NAME: PLIGUN ABREST, QA/QC DOCUMENT REQUIRED: CO, CQ, PRESHIPMENT TEST | KG | Refractory | AGC PLIBRICO |  |  |
| 49 | 2080500268 | REFRACTORIES,THERVEK C-LC22(PLICAST-LWI-22),AGC PLIBRICO,CO,CQ,PRESHIPMENT TEST | REFRACTORIES, ITEM: MONOLITHIC, TYPE/PRODUCT NAME: THERVEK C-LC22, MATERIAL: ALUMINA SILICATE, FORM OF SUPPLY: 25KG/BAG, TEMPERATURE RATING: 1350 DEG C, APPLICATION METHOD: CASTING, SUPPLEMENTARY REQUIREMENTS: STORAGE LIFE 12 MONTHS, ADDITIONAL INFORMATION, MANUFACTURER: AGC PLIBRICO, OLD PRODUCT NAME: PLICAST LWI-22, QA/QC DOCUMENT REQUIRED: CO, CQ, PRESHIPMENT TEST | KG | Refractory | AGC PLIBRICO |  |  |
| 50 | 2001405240 | REFRACTORIES, CASTABLE, THERVEK ABR, ALUMINA SILICATE, VIBRATION/FREE FLOW CASTING | REFRACTORIES, ITEM: CASTABLE, TYPE/PRODUCT NAME: THERVEK ABR, MATERIAL: ALUMINA SILICATE, FORM OF SUPPLY: 25KG/BAG, TEMPERATURE RATING: 1400 DEG C, APPLICATION METHOD: VIBRATION/FREE FLOW CASTING, SUPPLEMENTARY REQUIREMENTS: STORAGE LIFE 9 MONTHS, ADDITIONAL INFORMATION : OEM, AGC PLIBRICO, CO, CQ, PRESHIPMENT TEST | KG | Refractory | AGC PLIBRICO |  |  |
| 51 | 2050211117 | STUD BOLT, 2 HEAVY HEX NUTS, SA193-B16 / SA194-4, U 2.25IN-8UNX1300L, WHERE USE: 022-E-207A/B/C/D | STUD BOLT, 2 HEAVY HEX NUTS, SA193-B16 / SA194-4, U 2.25IN-8UNX1300L, WHERE USE: 022-E-207A/B/C/D | SET | Mechanical material | GENERIC |  |  |
| 52 | 2030811115 | GASKET, SW, 1950 X 1910 X 1858 X 1814 X 4.5MM THK, SS316 WDG, GRAPH FILLER, IR/OR: SS316/CS, POS#: 9 | GASKET, SW, 1950 X 1910 X 1858 X 1814 X 4.5MM THK, SS316 WDG, GRAPH FILLER, IR/OR: SS316/CS, POS#: 9 | PC | Mechanical material | GENERIC |  |  |
| 53 | 2030811116 | GASKET, SW, 1950 X 1910 X 1862 X 1814 X 4.5MM THK, SS316 WINDING, GRAPHITE FILLER, ASME B16.20, IR/OR: SS410S/CS, PART PARTITION RIB 10MM THK, 022-E-207A/B/C/D, POS#: 10, VJ2153-201-B-024\_6 | GASKET, SW, 1950 X 1910 X 1862 X 1814 X 4.5MM THK, SS316 WINDING, GRAPHITE FILLER, ASME B16.20, IR/OR: SS410S/CS, PART PARTITION RIB 10MM THK, 022-E-207A/B/C/D, POS#: 10, VJ2153-201-B-024\_6 | PC | Mechanical material | GENERIC |  |  |
| 54 | 2030861642 | GASKET, SW, 149.25 X 120.7 X 101.6 X 36MM, 4.5MM TK, O/I: SS316/INCONEL, SS316/THERMICULITE FILLER | GASKET, SW, 149.25 X 120.7 X 101.6 X 36MM, 4.5MM TK, O/I: SS316/INCONEL, SS316/THERMICULITE FILLER | PC | Mechanical material | GENERIC |  |  |
| 55 | 2030500037 | VALVE, ANGLE NEEDLE, 1.5IN, 800#, ASTM A216 GR WCB BODY, A216/304 SEAT & STEM, SW-SW | VALVE, ANGLE NEEDLE, 1.5IN, 800#, ASTM A216 GR WCB BODY, A216/304 SEAT & STEM, SW-SW | PC | Mechanical material | GENERIC |  |  |
| 56 | 2000501681 | PIPE,METAL,2IN,ASTM A312 GRADE TP316,XXS,BE | PIPE, METALLIC, MATERIAL: STAINLESS STEEL, MAT, SPEC: ASTM A312 GRADE TP316, SERVICE: NON-SOUR, DIMENSIONAL SPEC: ASME B36.10M/B36.19M, MANUFACTURING PROCESS: SEAMLESS, END PREPARATION: BEVEL END (BE), DIAMETER, OD: AS PER DESIGN, LENGTH: DRL, SCHEDULE NUMBER: XXS, SIZE: 2IN, QA/QC DOCUMENT REQUIRED: CO/CQ/MTC | M | Mechanical material | GENERIC |  |  |
| 57 | 2051900070 | TUBE, COPPER, ASTM B75(B68) UNS C12200, 0.5IN, 0.035IN, STEAM TRACING, WITHPRE-INSULATION | TUBE, MATERIAL: COPPER, MAT, SPEC: ASTM B75(B68) UNS C12200,DIAMETER, OD:0.5IN, THICKNESS: 0.035IN, SERVICE: STEAM TRACING, ADDITIONAL INFORMATION:WITH PRE-INSULATION | M | Mechanical material | GENERIC |  |  |
| 58 | 2010200454 | ELBOW, 90DEG, BRASS, ASME B31.3 STD, 0.5IN COMPRESSION TYPE X 0.5IN NPT (M), 000-T9L-CU20 | ELBOW, 90DEG, BRASS, ASME B31.3 STD, 0.5IN COMPRESSION TYPE X 0.5IN NPT (M), 000-T9L-CU20 | PCS | Mechanical material | GENERIC |  |  |
| 59 | 2001405449 | CHANNEL, MATERIAL: A36, L50X50X5, LENGTH: 6MM, QA/QC DOCUMENT REQUIRED: CO, CQ, MTC | CHANNEL, MATERIAL: A36, L50X50X5, LENGTH: 6MM, QA/QC DOCUMENT REQUIRED: CO, CQ, MTC | M | Mechanical material | GENERIC |  |  |
| 60 | 2050203320 | BOLT, M12 DIA, 50MM LG, HEX HEAD, SS, GR B8, ASME SA193, WITH NUT SA194 GR 8 | BOLT, M12 DIA, 50MM LG, HEX HEAD, SS, GR B8, ASME SA193, WITH NUT SA194 GR 8 | SET | Mechanical material | GENERIC |  |  |
| 61 | 2001405453 | U-BOLTS, M12X2 HEX NUTS | U-BOLTS, M12X2 HEX NUTS | SET | Mechanical material | GENERIC |  |  |
| 62 | 2000400002 | UNION, BRASS UNIONS, 000-TUN-CU20, 0.5IN COMPRESSION, PDWF-9.52-EML-R, FUJIKIN | UNION, BRASS UNIONS, 000-TUN-CU20, 0.5IN COMPRESSION, PDWF-9.52-EML-R, FUJIKIN | PCS | Mechanical material | GENERIC |  |  |
| 63 | 2080600150 | SECURE BANDING MATERIRAL, STAINLESS STEEL BANDING, SIZE: 0.5MM THICK X12MM WIDTH, WIDTH: 12MM | SECURE BANDING MATERIRAL, STAINLESS STEEL BANDING, SIZE: 0.5MM THICK X12MM WIDTH, WIDTH: 12MM | M | Mechanical material | GENERIC |  |  |
| 64 | 2080200249 | LIQUID, COPALTITE, FOR VALVES, DEGREE >250 DEGC, MANUF: ESCO-USA, 5OZ/TUBE | LIQUID, COPALTITE, FOR VALVES, DEGREE >250 DEGC, MANUF: ESCO-USA, 5OZ/TUBE | TUB | Mechanical material | GENERIC |  |  |
| 65 | 2030821254 | GASKET, 50MM DIA, 3MM THK, GLASS FIBER TAPE | GASKET, 50MM DIA, 3MM THK, GLASS FIBER TAPE | M | Mechanical material | GENERIC |  |  |
| 66 | 2000504907 | GASKET,MOC-MTC-000-2024-0612(page 39),7 | JOINTING & PACKING MATERIALS,FABRICATED,ITEM:GASKET,MATERIAL:SS316/GRAPHITE,APPLICATION:HEAT EXCHANGER,NSRP DRAWING NUMBER:MOC-MTC-000-2024-0612(page 39),POSITION NUMBER:7,ADDITIONAL INFORMATION:ITEM TYPE: KAMMPROFILE GASKET,DIMENSION:1035 X 1001.5, 4MM THK,QA/QC DOCUMENT REQUIRED:CO,MTC | PCS | Mechanical material | GENERIC |  |  |
| 67 | 2000504908 | GASKET,MOC-MTC-000-2024-0612(page 39),8 | JOINTING & PACKING MATERIALS,FABRICATED,ITEM:GASKET,MATERIAL:SS316/GRAPHITE,APPLICATION:HEAT EXCHANGER,NSRP DRAWING NUMBER:MOC-MTC-000-2024-0612(page 39),POSITION NUMBER:8,ADDITIONAL INFORMATION:ITEM TYPE: KAMMPROFILE GASKET,DIMENSION:1035 X 1001.5, 4MM THK,QA/QC DOCUMENT REQUIRED:CO,MTC | PCS | Mechanical material | GENERIC |  |  |
| 68 | 2000504909 | GASKET,MOC-MTC-000-2024-0612(page 40),7 | JOINTING & PACKING MATERIALS,FABRICATED,ITEM:GASKET,MATERIAL:SS316/GRAPHITE,APPLICATION:HEAT EXCHANGER,NSRP DRAWING NUMBER:MOC-MTC-000-2024-0612(page 40),POSITION NUMBER:7,ADDITIONAL INFORMATION:ITEM TYPE: KAMMPROFILE GASKET,DIMENSION:559 X 532, 4MM THK,QA/QC DOCUMENT REQUIRED:CO,MTC | PCS | Mechanical material | GENERIC |  |  |
| 69 | 2000504910 | GASKET,MOC-MTC-000-2024-0612(page 40),8 | JOINTING & PACKING MATERIALS,FABRICATED,ITEM:GASKET,MATERIAL:SS316/GRAPHITE,APPLICATION:HEAT EXCHANGER,NSRP DRAWING NUMBER:MOC-MTC-000-2024-0612(page 40),POSITION NUMBER:8,ADDITIONAL INFORMATION:ITEM TYPE: KAMMPROFILE GASKET,DIMENSION:559 X 532, 4MM THK,QA/QC DOCUMENT REQUIRED:CO,MTC | PCS | Mechanical material | GENERIC |  |  |
| 70 | 2000504911 | GASKET,MOC-MTC-000-2024-0612(page 41),7 | JOINTING & PACKING MATERIALS,FABRICATED,ITEM:GASKET,MATERIAL:SS316/GRAPHITE,APPLICATION:HEAT EXCHANGER,NSRP DRAWING NUMBER:MOC-MTC-000-2024-0612(page 41),POSITION NUMBER:7,ADDITIONAL INFORMATION:ITEM TYPE: KAMMPROFILE GASKET,DIMENSION:709 X 682, 4MM THK,QA/QC DOCUMENT REQUIRED:CO,MTC | PCS | Mechanical material | GENERIC |  |  |
| 71 | 2000504912 | GASKET,MOC-MTC-000-2024-0612(page 41),8 | JOINTING & PACKING MATERIALS,FABRICATED,ITEM:GASKET,MATERIAL:SS316/GRAPHITE,APPLICATION:HEAT EXCHANGER,NSRP DRAWING NUMBER:MOC-MTC-000-2024-0612(page 41),POSITION NUMBER:8,ADDITIONAL INFORMATION:ITEM TYPE: KAMMPROFILE GASKET,DIMENSION:709 X 682, 4MM THK,QA/QC DOCUMENT REQUIRED:CO,MTC | PCS | Mechanical material | GENERIC |  |  |
| 72 | 2000504913 | GASKET,MOC-MTC-000-2024-0612(page 43),213 | JOINTING & PACKING MATERIALS,FABRICATED,ITEM:GASKET,MATERIAL:SS316/GRAPHITE,APPLICATION:HEAT EXCHANGER,NSRP DRAWING NUMBER:MOC-MTC-000-2024-0612(page 43),POSITION NUMBER:213,ADDITIONAL INFORMATION:ITEM TYPE: KAMMPROFILE GASKET,DIMENSION:1700 X 1668 , 4MM THK,QA/QC DOCUMENT REQUIRED:CO,MTC | PCS | Mechanical material | GENERIC |  |  |
| 73 | 2000504914 | GASKET,MOC-MTC-000-2024-0612(page 44),3.2 | JOINTING & PACKING MATERIALS,FABRICATED,ITEM:GASKET,MATERIAL:SS316/GRAPHITE,APPLICATION:HEAT EXCHANGER,NSRP DRAWING NUMBER:MOC-MTC-000-2024-0612(page 44),POSITION NUMBER:3.2,ADDITIONAL INFORMATION:ITEM TYPE: KAMMPROFILE GASKET,DIMENSION:1216 X 1179.5, 4MM THK,QA/QC DOCUMENT REQUIRED:CO,MTC | PCS | Mechanical material | GENERIC |  |  |
| 74 | 2000504915 | GASKET,MOC-MTC-000-2024-0612(page 45),3.2 | JOINTING & PACKING MATERIALS,FABRICATED,ITEM:GASKET,MATERIAL:SS316/GRAPHITE,APPLICATION:HEAT EXCHANGER,NSRP DRAWING NUMBER:MOC-MTC-000-2024-0612(page 45),POSITION NUMBER:3.2,ADDITIONAL INFORMATION:ITEM TYPE: KAMMPROFILE GASKET,DIMENSION:1395 X 1355.5, 4MM THK,QA/QC DOCUMENT REQUIRED:CO,MTC | PCS | Mechanical material | GENERIC |  |  |
| 75 | 2000504916 | GASKET,MOC-MTC-000-2024-0612(page 46),3.2 | JOINTING & PACKING MATERIALS,FABRICATED,ITEM:GASKET,MATERIAL:SS316/GRAPHITE,APPLICATION:HEAT EXCHANGER,NSRP DRAWING NUMBER:MOC-MTC-000-2024-0612(page 46),POSITION NUMBER:3.2,ADDITIONAL INFORMATION:ITEM TYPE: KAMMPROFILE GASKET,DIMENSION:423 X 396, 4MM THK,QA/QC DOCUMENT REQUIRED:CO,MTC | PCS | Mechanical material | GENERIC |  |  |
| 76 | 2000505013 | TEE,EQUAL,BW,P21J-000HN,3IN,SCH10S,ASTM A403 GRADE WP304/WP304L CLASS S DUAL GRADE,SEAMLESS | TEE,PIPE,EQUAL,BUTT-WELD,DESIGN SPEC:ASME B16.9,MATERIAL:STAINLESS STEEL,MAT SPEC, FITTING:ASTM A403 GRADE WP304/WP304L CLASS S DUAL GRADE,MANUFACTURING PROCESS:SEAMLESS,SCH1:SCH10S,SIZE 1:3IN,NSRP IDENT CODE:P21J-000HN,QA/QC DOCUMENT REQUIRED:CO/CQ/MTC | PCS | Mechanical material | GENERIC |  |  |
| 77 | 2000505014 | TEE,RED,BW,P24J-002H7,3IN,2IN,SCH10S,SCH10S,ASME B16.9,A403-WP304/WP304L CL S DUAL GRADE,SEAMLESS | TEE,PIPE,REDUCING,BUTT-WELD,DESIGN SPEC:ASME B16.9,MATERIAL:STAINLESS STEEL,MAT SPEC, FITTING:ASTM A403 GRADE WP304/WP304L CLASS S DUAL GRADE,MANUFACTURING PROCESS:SEAMLESS,SCH1:SCH10S,SCH2:SCH10S,THICKNESS, WALL:AS PER DESIGN,SIZE 1:3IN,SIZE 2:2IN,NSRP IDENT CODE:P24J-002H7,QA/QC DOCUMENT REQUIRED:CO/CQ/MTC | PCS | Mechanical material | GENERIC |  |  |
| 78 | 2000505015 | FLANGE,SLIP-ON,3IN,ASME B16.5,A182-F304/F304L DUAL GRADE,RAISED FACE,CL150 | FLANGE,PIPE,SLIP-ON,DESIGN SPEC:ASME B16.5,MATERIAL:CARBON STEEL,MAT, SPEC:ASTM A182 GRADE F304/F304L DUAL GRADE,FACING, FLANGE:RAISED FACE,PRESSURE DESIGNATION:CL150,SIZE :3IN,QA/QC DOCUMENT REQUIRED:CO/CQ/MTC | PCS | Mechanical material | GENERIC |  |  |
| 79 | 2000505016 | VALVE,BALL,3IN,CL150,120MM,SEFT CONNECTED FLANGED,A351-CF8M,MAGNUM SPLIT WAFER,OMAL S.P.A | VALVE,BALL,NOMINAL SIZE:3IN,DESIGN SPEC, PRESSURE RATING:CL150,DESIGN SPEC:API 608,LENGTH, F TO F (E TO E):120MM,TYPE OF END CONNECTION:SEFT CONNECTED FLANGED,TYPE OF FACE:RAISED FACE,TYPE OF CLOSURE MEMBER:TRUNNION MOUNTED BALL,TYPE OF BORE:FULL,TYPE OF CONSTRUCTION:THREE PIECES,TYPE OF BONNET/COVER:BOLTED,MAT, BODY:STAINLESS STEEL,MAT, TRIM:STAINLESS STEEL(BALL),MAT, SEALS:PTFE,MAT SPEC, BODY:ASTM A351 CF8M,ADDITIONAL INFORMATION,MANUFACTURER:OMAL S.P.A,MAGNUM SPLIT WAFER,HAND WHEEL OPERATE LEVEL,QA/QC DOCUMENT REQUIRED:CO/CQ/MTC | PCS | Mechanical material | OMAL S.P.A |  |  |
| 80 | 2000505017 | BRANCH FITTING,BW,RED,3IN,0.5IN,A182 Grade F304/F304L dual grade,CL3000 | BRANCH FITTING,PIPE,BUTT-WELD,REDUCING,DESIGN SPEC:MSS SP-97,MATERIAL:STAINLESS STEEL,MAT SPEC:ASTM A182 GRADE F304/F304L DUAL GRADE,PRESSURE DESIGNATION:CL3000,THICKNESS, WALL (RUN X OUTLET):AS PER DESIGN,SIZE (RUN):3IN,SIZE (OUTLET):0.5IN,ADDITIONAL INFORMATION,OUTLET CONNECTION:NPT,QA/QC DOCUMENT REQUIRED:CO/CQ/MTC | PCS | Mechanical material | GENERIC |  |  |
| 81 | 2000505019 | STUD BOLT,WITH NUT,M33,560MM,A193-B8M,A194-8M,8 NUTS | STUD BOLT,WITH NUT,MAT SPEC, STUD BOLT(S):ASTM A193 GRADE B8M,MAT SPEC, NUT(S):ASTM A194 GRADE 8M,TYPE OF THREAD:METRIC,TYPE, NUT:UN HEAVY HEXAGONAL,NUMBER, NUTS PER STUD BOLT:8 NUTS,LENGTH:560MM,SIZE:M33,QA/QC DOCUMENT REQUIRED:CO/CQ/ MTC | PCS | Mechanical material | GENERIC |  |  |
| 82 | 2000505020 | STUD BOLT,WITH NUT,M16,100MM,A193-B8M,A194-8M,2 NUTS | STUD BOLT,WITH NUT,MAT SPEC, STUD BOLT(S):ASTM A193 GRADE B8M,MAT SPEC, NUT(S):ASTM A194 GRADE 8M,TYPE OF THREAD:METRIC,TYPE, NUT:UN HEAVY HEXAGONAL,NUMBER, NUTS PER STUD BOLT:2 NUTS,LENGTH:100MM,SIZE:M16,QA/QC DOCUMENT REQUIRED:CO/CQ/ MTC | PCS | Mechanical material | GENERIC |  |  |
| 83 | 2000505021 | BOLT,HEXAGON HEAD,IMPERIAL,FULL THREAD,1.5IN,520MM,A193-B8M,A194-8M,01 NUT,02 WASHERS | BOLT,HEXAGON HEAD,IMPERIAL,TYPE:FULL THREAD,MATERIAL:STAINLESS STEEL,MAT SPEC, BOLTING:ASTM A193 GRADE B8M,MAT SPEC, NUT(S):ASTM A194 GRADE 8M,TYPE, THREAD:ASME B1.1 SERIE 8UN,LENGTH, THREAD:520MM,LENGTH, UNDER HEAD:520MM,SIZE:1.5IN,ADDITIONAL INFORMATION:MACHINE BOLT,WITH 01 NUT AND 02 SS316 WASHERS,QA/QC DOCUMENT REQUIRED:CO/CQ/MTC | PCS | Mechanical material | GENERIC |  |  |
| 84 | 2000505022 | BOLT,HEXAGON HEAD,IMPERIAL,FULL THREAD,1.5IN,265MM,A193-B8M,A194-8M,01 NUT,02 WASHERS | BOLT,HEXAGON HEAD,IMPERIAL,TYPE:FULL THREAD,MATERIAL:STAINLESS STEEL,MAT SPEC, BOLTING:ASTM A193 GRADE B8M,MAT SPEC, NUT(S):ASTM A194 GRADE 8M,TYPE, THREAD:ASME B1.1 SERIE 8UN,LENGTH, THREAD:265MM,LENGTH, UNDER HEAD:520MM,SIZE:1.5IN,ADDITIONAL INFORMATION:MACHINE BOLT,WITH 01 NUT AND 02 SS316 WASHERS,QA/QC DOCUMENT REQUIRED:CO/CQ/MTC | PCS | Mechanical material | GENERIC |  |  |
| 85 | 2000505023 | SPHERICAL WASHER SET,SS316,VG216G-214-A-001(PAGE 4),3 | FASTENERS,FABRICATED,ITEM:SPHERICAL WASHER SET,MATERIAL:SS316,APPLICATION:EXPANSION JOINT,SIZE: FOR M33,NSRP DRAWING NUMBER:VG216G-214-A-001(PAGE 4),POSITION NUMBER:3,ADDITIONAL INFORMATION:SET CONTENTS,WASHER 1,MATERIAL:SS316,SIZE/DIMENSION(CHECK BY ACTUAL):ID 39MM X OD 61MM X THK 13MM,WASHER 2,MATERIAL:SS316,SIZE/DIMENSION:ID 39MM X OD 69MM X THK 13.5MM,QA/QC DOCUMENT REQUIRED:CO/CQ/MTC | set | Mechanical material | GENERIC |  |  |
| 86 | 2093900054 | PIPE, 3IN, SCH.40 BE, SEAMLESS ASTM A312-TP304/TP304L DUAL GRADE ASME B36.10, 6M/PC | PENDING, THE SAME AS ITEM#2093900054, PIPE, 3IN, SCH.40 BE, SEAMLESS ASTM A312-TP304/TP304L DUAL GRADE ASME B36.10, 6M/PC | PCS | Mechanical material | GENERIC |  |  |
| 87 | 2030100182 | PIPE, P01J-002FB, ASME B36.10M/B36.19M, BE, SEVERE WET H2S, 2IN, SS304L, GRADE TP304/TP304L DUAL | PENDING, THE SAME AS ITEM#2030100182, PIPE, P01J-002FB, ASMEB36.10M/B36.19M, BE, SEVERE WET H2S, 2IN, SS304L, GRADE TP304/TP304L DUALGRADE, SEAMLESS, ASTM A312, 6M/PC | PCS | Mechanical material | GENERIC |  |  |
| 88 | 2093990016 | ELBOW, 90DEG, 3IN, SCH10S, SEAMLESS, ASTM A403 GRADE WP304/WP304L CLASS S DUAL GRADE, ASME B16.9, LONG RADIUS, BW, P02J-000J1 | ELBOW, 90DEG, 3IN, SCH10S, SEAMLESS, ASTM A403 GRADE WP304/WP304L CLASS S DUAL GRADE, ASME B16.9, LONG RADIUS, BW, P02J-000J1 | PCS | Mechanical material | GENERIC |  |  |
| 89 | 2050200363 | WASHER, FLAT, 2.25IN-8UN, 6MM, ASTM F436 | WASHER, FLAT, 2.25IN-8UN, 6MM, ASTM F436 | SET | Mechanical material | GENERIC |  |  |