**Appendix1 – Material list**

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| **No** | **Part No** | **Material description for BLC HEXs** | **Maximo No** |  **Detail requirement** |
| 1 | 601 | Inner jack screw D1¼”x80mm ASME B1.1, SA193 B16. Impact test exempted per UCS-66(a) ASME VIII Div.1 | 2020900656 |  1. Impact test exempted per UCS-66(a) ASME VIII Div.12. PMI check result  |
| 2 | 602 | Inner push rods D27.5x376mm, SA 193 B16. Impact test exempted per UCS-66(a) ASME VIII Div.1 | 2020900657 |  1. Impact test exempted per UCS-66(a) ASME VIII Div.12. PMI check result  |
| 3 | 603 | Outer jack screw D3/4”x60mm ASME B1.1, SA193 B16, Impact test exempted per UCS-66(a) ASME VIII Div.1 | 2020900658 |  1. Impact test exempted per UCS-66(a) ASME VIII Div.12. PMI check result  |
| 4 | 604 | Outer push rods D15x386mm, SA 193 B16. Impact test exempted per UCS-66(a) ASME VIII Div.1 | 2020900659 |  1. Impact test exempted per UCS-66(a) ASME VIII Div.12. PMI check result  |
| 5 | 605 | INT. FLG. Jack screws D11/8"x245mm ASME B1.1, SA 453 Gr.660 Cl.B | 2020900660 |  PMI check result  |
| 6 | 606 | Partition studs D5/8"x80mm LG ASME B1.1, SA193 B8T Cl.1 | 2050200661 |  PMI check result  |
| 7 | 606A | Partition nuts D5/8" ASME B18.2.2, SA194 8T | 2020900647 |  PMI check result  |
| 8 | 607 | Partition washer OD33.3xID17.5xt4, SS 321 | 2020900648 |  PMI check result  |
| 9 | 612 | Packing studs D5/8"x80mm LG ASME B1.1, SA193 B8T Cl.1 | 2050200649 |  PMI check result  |
| 10 | 613 | Packing washers OD33.3xID17.5xt4, SS 321 | 2020900651 |  PMI check result  |
| 11 | 701 | Channel diaphragm gasket OD1173xID1149xt5 camprofile gasket with SS 321 core 4 THK, and flexible graphite layers 0.5 THK on both sides | 2060155177 |   |
| 12 | 702 | Diaphragm gasket OD1173xID1149xID800xt10, SA240 TP 321 | 2040455672 |  PMI check result  |
| 13 | 703 | Partition gasket R450xR400xt2mm, high temperature service graphite sheet | 2020900665 |   |
| 14 | 705 | Shell-tube sheet gasket OD1109xID1077xt5 camprofile gasket with SS 321 core 4 THK, and flexible graphite layers 0.5 THK on both sides | 2060155178 |   |
| 15 | 603 | Outer jack screw D7/8”x65mm ASME B1.1 , SA193 B16. Impact test exempted per UCS-66(a) ASME VIII Div.1 | 2060155180 |  1. Impact test exempted per UCS-66(a) ASME VIII Div.12. PMI check result  |
| 16 | 605 | INT. FLG. Jack screws D11/2"x190mm ASME B1.1, SB 446 Gr.1 UNS N06625 | 2060155182 |  PMI check result  |
| 17 | 606 | Partition studs D5/8"x70mm LG ASME B1.1, SB 446 Gr.1 UNS N06625 | 2050255183 |  PMI check result  |
| 18 | 606A | Partition nuts D5/8" ASME B18.2.2, SB 446 Gr.1 UNS N06625 | 2060155184 |  PMI check result  |
| 19 | 607 | Partition washer OD33.3xID17.5xt4, SB 446 Gr.1 UNS N06625 | 2060155185 |  PMI check result  |
| 20 | 612 | Packing studs D5/8"x80mm LG ASME B1.1, SB 446 Gr.1 UNS N06625 | 2050255186 |  PMI check result  |
| 21 | 612A | Packing nuts D5/8" ASME B18.2.2, SB 446 Gr.1 UNS N06625 | 2060155187 |  PMI check result  |
| 22 | 613 | Packing washers OD33.3xID17.5xt4, SB 446 Gr.1 UNS N06625 | 2060155188 |  PMI check result  |
| 23 | 701 | Channel-diaphragm gasket OD1211xID1179xt5 camprofile gasket with inconel 625 core 4 THK, and flexible graphite layers 0.5 THK. on both sides | 2060155189 |   |
| 24 | 702 | Diaphragm gasket OD1211xID1179xID840xt10, SB 443 Gr.1 UNS N06625 | 2040455673 |  PMI check result  |
| 25 | 602 | Inner push rods D15x350mm LG, SA 193 B16.Impact test exempted per UCS-66(a) ASME VIII Div.1 | 2020955192 |  1. Impact test exempted per UCS-66(a) ASME VIII Div.12. PMI check result  |
| 26 | 603 | Shell-tubes studs D3/4"x190mm LG ASME B1.1, SA193 B7. Impact test exempted per UCS-66(a) ASME VIII Div.1 | 2060155193 |  1. Impact test exempted per UCS-66(a) ASME VIII Div.12. PMI check result  |
| 27 | 604 | Shell-tubes nuts D3/4" ASME B18.2.2, SA194 2H. Impact test exempted per UCS-66(a) ASME VIII Div.1 | 2060155197 |  1. Impact test exempted per UCS-66(a) ASME VIII Div.12. PMI check result  |
| 28 | 606 | Partition studs D5/8"x80mm LG ASME B1.1, SB 425 UNS N08825 | 2050256794  |  PMI check result  |
| 29 | 607 | Partition nuts D5/8" ASME B18.2.2, SB 425 UNS N08825 | 2050256795  |  PMI check result  |
| 30 | 608 | Partition washers OD33.3xID17.5xt4, SB 425 UNS N08825 | 2050256796  |  PMI check result  |
| 31 | 621 | Studs for dome D3/4"x240mm LG, ASME B1.1 SA193 B7 | 2050255196 |  PMI check result  |
| 32 | 622 | Nuts for dome D3/4", ASME B18.2.2 SA194 2H | 2060155197 |  PMI check result  |
| 33 | 627 | Shell-tubes washers OD37.28xID20.6xt4 ASTM F 436 type 1. Impact test exempted per UCS-66(a) ASME VIII Div.1 | 2060155198 |  1. Impact test exempted per UCS-66(a) ASME VIII Div.12. PMI check result  |
| 34 | 702 | Diaphragm gasket OD1184xID1158xID1051xt20, SB424 UNS N08825 | 2030861773 |  PMI check result  |
| 35 | 602 | Inner push rods D27.5x378mm LG, SA193 B16. Impact test exempted per UCS-66(a) ASME VIII Div.1 | 2020900642 |  1. Impact test exempted per UCS-66(a) ASME VIII Div.12. PMI check result  |
| 36 | 604 | Outer push rods D20x395mm LG, SA193 B16. Impact test exempted per UCS-66(a) ASME VIII Div.1 | 2020900644 |  1. Impact test exempted per UCS-66(a) ASME VIII Div.12. PMI check result  |
| 37 | 605 | INT. FLG jack screws D11/8"x235mm LG ASME B1.1, SA 453 Gr.660 Cl.B | 2020900645 |  PMI check result  |
| 38 | 606 | Partition studs D5/8"x75mm LG ASME B1.1, SA193 B8T Cl.1 | 2050200646 |  PMI check result  |
| 39 | 612A | Packing nuts D5/8" ASME B18.2.2, SA194 8T | 2020900650 |  PMI check result  |
| 40 | 702 | Diaphragm gasket OD1250xID1218xID912xt10, SA 240 TP 321 | 2030861774 |  PMI check result  |
| 41 | 704 | Packing rings square braided rope 10x10mmxL889 high temperature braided core with an inconel reinforced outer braid with flexible graphite jacket | 2020900654 |   |
| 42 | 501, 502 | Stud bolt and 2 Heavy hex nut, 2 washer 3mm THK, 1"-UNC x215L, SA193 B7M/ SA194 2HM/ ASTM F436. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050200436 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. PMI check result  |
| 43 | 503, 504 | Stud bolt and 2 Heavy hex nut, 2 washer 3mm THK, 1"-UNC x240L, SA193 B7M/ SA194 2HM/ ASTM F436. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050200439 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. PMI check result  |
| 44 | 505 (for N5, N6) | Stud bolt/ 2 Heavy hex nut/ 2 washer, 1/2"-UNC x70L, SA193 B7/ SA194 2H/ ASTM F436 | 2050200440 |  PMI check result  |
| 45 | 506 (for N7, N8) | Stud bolt and 2 nut, 5/8"-UNC x85L, SA193 B7M/ SA194 2HM | 2050200442 |  PMI check result  |
| 46 | 501 | Stud bolt and 2 Heavy hex nut, 2 washer 3.5mm THK, 1"-UNC x340L, SA193 B7M/ SA194 2HM/ ASTM F436. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050200333 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. PMI check result  |
| 47 | 501 | Stud bolt and 2 Heavy hex nut, 2 washer 6mm THK, 2 1/4"-8UN x990L, SA193 B7/ SA194 2H/ ASTM F436 | 2050200446 |  PMI check result  |
| 48 | 501 | Stud bolt and 2 Heavy hex nut, 2 washer 4.5mm THK, 1 7/8"-8UN x850L, SA193 B7/ SA194 2H/ ASTM F436 | 2050200453 |  PMI check result  |
| 49 | 504 (for N1B, N2A) | Stud bolt and 2 hex nut, 1 1/4"-8UN x225L, SA193 B7/ SA194 2H | 2050200456 |  PMI check result  |
| 50 | 505 (for N4B, N3A) | Stud bolt/ 2 hex nut, 1 1/8"-8UN x200L, SA193 B7/ SA194 2H | 2050200458 |  PMI check result  |
| 51 | 501 | Stud bolt and 2 Heavy hex nut, 2 washer 4.5mm THK, 1 3/8"-8UN x575L, SA193 B7M/ SA194 2HM/ ASTM F436. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050200464 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. PMI check result  |
| 52 | 502 | Stud bolt and 2 hex nut, 1" -UNC x175L, SA193 B7/ SA194 2H | 2050200467 |  PMI check result  |
| 53 | 503 | Stud bolt and 2 hex nut, 7/8"-UNC x150L, SA193 B7M/ SA194 2HM | 2050200469 |  PMI check result  |
| 54 | 508 (for N4B, N3A) | Stud bolt/ 2 hex nut, 1 3/8"-8UN x240L, SA193 B16/ SA194 4 | 2050200478 |  PMI check result  |
| 55 | 502 (for N1D, N2E) | Stud bolt/ 2 hex nut, 1 3/8" -8UN x250L, SA193 B16/ SA194 4 | 2050200343 |  PMI check result  |
| 56 | 503 (for N4D, N3E) | Stud bolt/ 2 hex nut, 1 1/4"-8UN x225L, SA193 B7/ SA194 2H | 2050200345 |  PMI check result  |
| 57 | 501a  | Stud bolt/ 2 Heavy hex nut, 2 washer 3.5mm THK, 7/8"-UNC x215L, SA193 B7/ SA194 2H/ ASTM F436. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050200483 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. PMI check result  |
| 58 | 501b | Stud bolt/ 2 Heavy hex nut, 2 washer 3.5mm THK, 7/8"-UNC x208L, SA193 B7/ SA194 2H/ ASTM F436. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050200486 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. PMI check result  |
| 59 | 502 (for N5, N6) | Stud bolt/ 2 hex nut, 1/2" -UNC x70L, SA193 B7/ SA194 2H | 2050200488 |  PMI check result  |
| 60 | 501 | Stud bolt/ 2 Heavy hex nut, 2 washer 3mm THK, 3/4"-UNC x240L, SA193 B7/ SA194 2H/ ASTM F436. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050200491 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. PMI check result  |
| 61 | 506 | Stud bolt/ 2 Heavy hex nut, 2 washer 3mm THK, 3/4"-UNC x240L, SA193 B7/ SA194 2H/ ASTM F436. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050200495 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. PMI check result  |
| 62 | 501 | Stud bolt/ 2 Heavy hex nut, 2 washer 3.5mm THK, 7/8"-UNC x210L, SA193 B7/ SA194 2H/ ASTM F436. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050200499 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. PMI check result  |
| 63 | 501 | Stud bolt/ 2 Heavy hex nut, 2 washer 3.5mm THK, 1 1/4"-8UNx450L, SA193 B7M/ SA194 2HM/ ASTM F436 | 2020900753 |  PMI check result  |
| 64 | 508 | Stud bolt/ 2 nut, 1 1/4"-8UNx215L, SA193 B7M/ SA194 2HM/ ASTM F436 | 2020900756 |  PMI check result  |
| 65 | 509 | Stud bolt/ 2 nut/ 2 washer, 7/8"-UNC x150L, SA193 B7M/ SA194 2HM/ ASTM F436 | 2020900758 |  PMI check result  |
| 66 | 501 | Stud bolt/ 2 Heavy hex nut, 2 washer 6mm THK, 2 3/4"-8UNx900L, SA193 B7M/ SA194 2HM/ ASTM F436 | 2020900762 |  PMI check result  |
| 67 | 501 | Stud bolt/ 2 Heavy hex nut, 2 washer 3.5mm THK, 7/8"-UNCx325L, SA193 B7M/ SA194 2HM/ ASTM F436. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050200504 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. PMI check result  |
| 68 | 501 | Stud bolt/ 2 Heavy hex nut, 2 washer 3.2mm THK, 3/4"-UNCx310L, SA193 B7/ SA194 2H/ ASTM F436. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050200508 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. PMI check result  |
| 69 | 501 | Stud bolt/ 2 nut, 2 washer 4.5mm THK, 1 7/8"-8UNx650L SA193 B16/ SA194 4/ ASTM F436 | 2050200358 |  PMI check result  |
| 70 | 502 | Stud bolt/ 2 nut, 2 washer 6mm THK, 2 1/4"-8UNx1050L SA193 B16/ SA194 4/ ASTM F436 | 2050200361 |  PMI check result  |
| 71 | 503 | Stud bolt/ 2 nut, 2 washer 6mm THK, 2 1/4"-8UNx750L SA193 B16/ SA194 4/ ASTM F436 | 2050200364 |  PMI check result  |
| 72 | 504 | Stud bolt/ 2 nut, 2 washer 4.5mm THK, 1 7/8"-8UNx675L SA193 B6/ SA194 6/ ASTM F436 | 2050200365 |  PMI check result  |
| 73 | 505 (for N5) | Stud bolt/ 2 nut, 5/8"-UNC x110L SA193 B16/ SA194 4 | 2050200368 |  PMI check result  |
| 74 | 506 (for N6) | Stud bolt/ 2 nut, 7/8"-UNC x160L SA193 B16/ SA194 4 | 2050200370 |  PMI check result  |
| 75 | 507 (for bellow flange) | Stud bolt/ 1 nut, 1 washer 1 1/8"-8UNx170L SA193 B6/ SA194 6/ ASTM F436 | 2050200372 |  PMI check result  |
| 76 | 508 (for bellow flange) | Stud bolt/ 1 nut, 7/8"-UNC x185L SA193 B6/ SA194 6 | 2050200375 |  PMI check result  |
| 77 | 517 (for barrel flange) | Stud + 2 nut, 1 1/8" 8UNx400L SA193 B16/ SA194 4 | 2050200377 |  PMI check result  |
| 78 | 519 (for N8) | Stud bolt/ 2 nut, 3/4"-UNC x115L SA193 B16/ SA194 4 | 2050200379 |  PMI check result  |
| 79 | 520 (for N7) | Stud bolt/ 2 nut, 7/8"-UNC x135L SA193 B16/ SA194 4 | 2050200381 |  PMI check result  |
| 80 | 501 | Stud bolt/ 2 heavy hex nut, 2 washer 3.5mm THK, 7/8"-UNC x315L, SA193 B7/ SA194 2H/F436 | 2050200512 |  PMI check result  |
| 81 | 501 | Stud bolt/ 2 heavy hex nut, 2 washer 3.5mm THK, 1 1/8"-8UN x510L, SA193 B7M/ SA194 2HM/F436 | 2050200517 |  PMI check result  |
| 82 | 501 | Stud bolt/ 2 heavy hex nut, 2 washer 3.5mm THK, 1"-UNC x370L, SA193 B7M/ SA194 2HM/F436 | 2050200523 |  PMI check result  |
| 83 | 505 (for N1B, N2A) | Stud bolt/ 2 hex nut, 2 washer, 3/4"-UNC x130L, SA193 B7M/ SA194 2HM/F436 | 2050200526 |  PMI check result  |
| 84 | 506 (for N3A, N4B) | Stud bolt/ 2 hex nut, 2 washer, 3/4"-UNC x115L, SA193 B7/ SA194 2H | 2050200529 |  PMI check result  |
| 85 | 501 | Stud bolt/ 2 heavy hex nut, 2 washer 3.5mm THK, 1"-UNC x375L, SA193 B7/ SA194 2H/F436 | 2050200534 |  PMI check result  |
| 86 | 4 | Stud bolt/ 2 heavy nut, 1 3/8"-8UN x503L A320-L7/ A194 4 with SQUARE HEAD | 2050203550 |  1. Provide PMI check result2. Stud with quare head as drawing  |
| 87 | 18 | Stud bolt/ 2 nuts 1 1/4"-8UN"x320L, SA193 B7/ SA 194 2H | 2050203674 |  PMI check result  |
| 88 | 247 | Stud bolt/ 2 nuts 1"-8UNx155L 2A/2B, SA 193 B8M/ SA 194 8M | 2095708341 |  PMI check result  |
| 89 | 534 (for T7A, T7B) | Stud bolt and 2 nuts 3/4"-10UNCx125L 2A/2B, SA 193 B7/ SA 194 2H | 2050211189 |  PMI check result  |
| 90 | 554 (for T6) | Stud bolt and 2 nuts 5/8"-11UNCx 95L 2A/ 2B, SA 193 B7/ SA 194 2H | 2050206759 |  PMI check result  |
| 91 | 607 | Stud bolt and 2 nuts 5/8"-11UNCx130L 2A/ 2B , SA 193 B7/ SA 194 2H | 2050224976 |  PMI check result  |
| 92 | 4 | Stud bolt/ 2 heavy nut, 1 3/8"-8UN x389L A193 B16/ A194 4 WITH SQUARE HEAD | 2050203555 |  1. Provide PMI check result2. Stud with quare head as drawing  |
| 93 | 4 | Stud bolt/ 2 heavy nut/ 2 washer, 2 1/4"-8UN x1115L A193 B7/ A194 2H WITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050203560 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 94 | 4 | Stud bolt/ 2 heavy nut, 1 7/8"-8UN x371L A193 B7/ A194 2H | 2050203564 |  PMI check result  |
| 95 | 4 | Stud bolt/ 2 heavy nut, 1 1/8"-8UN x511L A193 B7/ A194 2H WITH SQUARE HEAD. And all bolt thread shall be coated with a nickel based anti seizing lubricant | 2050203568 |  1. All bolt thread shall be coated with a nickel based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 96 | 4 | Stud bolt/ 2 heavy nut, 1 1/4"-8UN x581L A193 B7/ A194 2H WITH SQUARE HEAD. And all bolt thread shall be coated with a nickel based anti seizing lubricant | 2050203571 |  1. All bolt thread shall be coated with a nickel based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 97 | 4 | Stud bolt/ 2 heavy nut, 3/4"-10UNC x231L A193 B7/ A194 2H WITH SQAURE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050203578 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 98 | 4 | Stud bolt/ 2 heavy nut, 3/4"-10UNC x230L A193 B7/ A194 2H WITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050203585 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 99 | 4 | Stud bolt/ 2 heavy nut, 3/4"-10UNC x219L A193 B7/ A194 2H WITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050203588 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 100 | 4 | Stud bolt/ 2 heavy nut, 3/4"-10UNC x222L A193 B7/ A194 2H SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050203591 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 101 | 16 | Stud bolt/ 2 heavy nut, 1/2"-13UNC x130L A193 B7/ A194 2H | 2050206548 |  PMI check result  |
| 102 | 4 | Stud bolt/ 2 heavy nut, 3/4"-10UNC x240L A193 B7/ A194 2H WITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050203594 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 103 | 4 | Stud bolt/ 2 heavy nut, 3/4"-10UNC x171L A193 B7/ A194 2H WITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050203597 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 104 | 4 | Stud bolt 2 heavy nuts, 3/4"-10UNCx266L A193-B7/A194-2HWITH SQAURE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050203604 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 105 | 10 | Stud bolt and 2 heavy nuts 2 washer, 1"-8UNCx260L SA193-B7M/SA194-2HM | 2020925474 |  PMI check result  |
| 106 | 9 | Stud bolt and 2 heavy nuts, 3/4"-10UNCx314L SA193-B7/SA194-2H WITH SQUARE HEAD | 2050225335 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 107 | 9 | Stud bolt and 2 heavy nuts, 1"-8UNCx240L SA 193 B7/ SA 194 2H | 2020925476 |  PMI check result  |
| 108 | 10 | Stud bolt and 2 heavy nuts, 1"-8UNCx250L SA 193 B7/ SA 194 2H | 2020925477 |  PMI check result  |
| 109 | 9 | Stud bolt and 2 heavy nut 3/4"-10UNCx248L SA193-B7/SA194-2H WITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050225329 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 110 | 9B | Stud bolt and 2 heavy nuts, 3/4"-10UNCx226L SA193-B7/SA194-2H WITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050225323 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 111 | 9 | Stud bolt and 2 heavy nuts, 3/4"-10UNCx219L SA193-B7/SA194-2H WITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050225322 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 112 | 10 | Stud bolt and 2 heavy nuts 1"-8UNCx527L SA193-B7/SA194-2H WITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050211091 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 113 | 12 | Stud bolt and 2 heavy nut 1 1/4"-8UNX559L SA193-B7/SA194-2H WITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050211094 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 114 | 9 | Stud bolt and 2 heavy nut 7/8"-9UNCx285L SA193-B7/SA194-2HWITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050211336 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 115 | 9 | Stud bolt and 2 heavy nut 1 1/8"-8UNx455L SA193-B7/SA194-2H WITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050211339 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 116 | 9 | Stud bolt and 2 heavy nut 1 1/8"-8UNx440L SA193-B7/SA194-2HWITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050211312 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 117 | 9 | Stud bolt and 2 heavy nuts 7/8"-9UNCx290L SA193-B7/SA194-2HWITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050211342 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 118 | 9 | Stud bolt and 2 heavy nut 1 1/2"-8UNx567L SA193-B7/SA194-2HWITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050211099 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 119 | 8 | Stud bolt and 2 heavy nuts 1"-8UNCx276L SA193-B7/SA194-2H WITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050211398 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 120 | 6 for A1, A2 | Stud bolt and 2 heavy nut 1 1/4"-8UNx170L SA193-B7/SA194-2H | 2050211400 |  PMI check result  |
| 121 | 9 | Stud bolt and 2 heavy hex nuts 2 1/4"-8UNx992L SA193-B7/SA194-2H WITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050211102 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 122 | 9 | Stud bolt and 2 heavy nut 2 1/4"-8UNx962L SA193-B7/SA194-2HWITH SQUARE HEAD. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050211105 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 123 | 9 | Stud bolt and 2 heavy nut 1"-8UNCx310L WITH SQUARE HEAD, SA193-B7/SA194-2H. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050211320 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 124 | 9 | Stud bolt and 2 heavy hex nut 2 1/4"-8UNx1160 WITH SQUARE HEAD, SA193-B7/SA194-2H. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050211323 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 125 | 9 | Stud bolt and 2 heavy nuts 3/4"-10UNCx235L WITH SQUARE HEAD, SA193-B7/SA194-2H. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050211152 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 126 | 9 | Stud bolt and 2 heavy nuts 3/4"-10UNCx214L WITH SQUARE HEAD, SA193-B7/SA194-2H. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050211155 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 127 | 9 | Stud bolt and 2 heavy nuts 1"-8UNCx291L WITH SQUARE HEAD, SA193-B7/SA194-2H. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant | 2050211162 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 128 | 9 | Stud bolt and 2 heavy nut 3/4"-10UNCx219L WITH SQUARE HEAD, SA193-B7/SA194-2H. And all bolt thread shall be coated with a high temperature copper power based anti seizing lubricant. | 2050211165 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result3. Stud with quare head as drawing  |
| 129 | 4-1, 4-2 | Stud B/2H. Nuts , 2 washers 2 1/2" -8UNx1100L SA193 Gr.B7M/ SA194 Gr. 2HM/ ASTM F436 | 2050256798  |  PMI check result  |
| 130 | 4-1, 4-2 | Stud B/2H. Nuts, 2 washers 1 7/8" -8UNx560L SA193 Gr.B7M/ SA194 Gr. 2HM/ ASTM F436 | 2050256800  |  PMI check result  |
| 131 | 515, 516 (for test) | Stud + 1 nut, 1 7/8" 8UNx425L SA193 B7/ SA194 2H | 2050256801  |  PMI check result  |
| 132 | 518 (for barrel flange) | Stud + 2 nut, 2 wahser 6mm THK, 2 1/4" 8UNx900L SA193 B16/ SA194 4/ ASTM F436 | 2050256802  |  PMI check result  |
| 133 | 506 (for T1A, T1B) | Stud bolt/ 4 nuts M20x340L SA 193 B7/ SA 194 2H | 2050256804  |  PMI check result  |
| 134 | 17 | Stud bolt/ 2 heavy nut, 1/2"-13UNC x120L A193 B7/ A194 2H | 2050256803  |  PMI check result  |
| 135 | 16, 17 | Stud bolt/ 2 heavy nut, 1/2"-13UNC x120L A193 B7/ A194 2H (gavalnized) | 2050256805  |  1. PMI check result2. Stud & nuts gavalnized  |
| 136 | NA | BOLT, NUT, 0.5IN, 80MM L, ASTM A193 GR B7/A194 GR 2H ASME B1.1 UNC STUD-BOLT W 2HH NUTS, P80S-003V6 | 2001400399 |  PMI check result  |
| 137 | NA | STUD BOLT CW HVY HEX NUTS 0.625IN 120L SA 193 GR.B7/SA 194 GR.2H | 2095708052 |  PMI check result  |
| 138 | NA | BOLT & NUT ASTM GRADE B7/A194 GRADE 2H ASME B1.1 UNC STUD-BOLT W/ TWO HEAVY HEX NUTS 0.625IN 140L | 2095710247 |  PMI check result  |
| 139 | 501 | STUD WITH 2 HEAVY HEX NUTS AND 2 WASHERS (4.5THK), 2IN-8UNx875L. SA193 GR.B16/SA194 GR.4/ASTM F436. ALL STUD THREAD SHALL BE COATED WITH A HIGH TEMPERATURE COPPER POWDER BASED ANTI SEIZING LUBRICANT | 2050200475 |  1. All bolt thread shall be coated with a high temperature copper power based anti seizing lubricant2. Provide PMI check result  |
| 140 | 401 | GASKET for CH. FLG to T/ SHT - OD 1308 x ID 1256 x 4.2 THK.,MAT-SS 316 GROOVED METAL AND 0.5MM GRAPHITE LAYERS ON BOTH SIDE, with pass partition rib | 2020900471 |   |
| 141 | 401 | GASKET for CH. FLG to T/ SHT - OD 1314 x ID 1262 x 4.2 THK.,MAT-SS 316 GROOVED METAL AND 0.5MM GRAPHITE LAYERS ON BOTH SIDE, pass partition rib | 2020900336 |   |
| 142 | 402 | GASKET for SH. FLG to T/ SHT-OD 1320 x ID 1256 x 4.2 THK.,MAT-SS 316 GROOVED METAL AND 0.5MM GRAPHITE LAYERS ON BOTH SIDE | 2020900337 |   |
| 143 |   | Round bar, D50mm, ASTM A739 Grade B11 | 2080601026 |  PMI check result  |