

| Manufacturer                                           | Item                                                            | Type                                                                                   | Apparatus Group                 | Approval No.(Cert.No.) | Exp. Date |
|--------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------|------------------------|-----------|
| Tanktech Co., Ltd.<br>(ex.Korea Steel Power Co., Ltd.) | High velocity vent/vacuum relief valve fitted with flame screen | NEW-ISO-H-65,80,100,125,150,200,250,300<br>NEW-ISO-V-65,80,100,125,150,200,250,300     | IIA                             | 02CD2T                 | Expire    |
|                                                        | Flame screen                                                    | KSGFH-8                                                                                | IIA                             | 03CD2T                 | Expire    |
|                                                        | Pressure/vacuum valve fitted with flame                         | ISO-BF-2.5,ISO-BF-4,ISO-BF-5                                                           | IIA                             | 03CD4T                 | Expire    |
|                                                        | Flame screen                                                    | KSFV-3,KSFV-4,KSFV-5,KSFV-6,KSFV-8,KSFV-10,KSFV-12,KSFV-16                             | IIA                             | 98CD19T                | Expire    |
|                                                        | Flame screen                                                    | KSGFH-4                                                                                | IIA                             | 02CD11T                | Expire    |
|                                                        | High velocity vent/vacuum relief valve fitted with flame screen | POWER-2.5,3,4,5,10                                                                     | IIA                             | 00CD1T                 | Expire    |
|                                                        | Pressure/vacuum valve fitted with flame                         | KSBF-65,KSBF-80,KSBF-100,KSBF-125                                                      | IIA                             | 98CD20T                | Expire    |
|                                                        | High velocity vent                                              | KSPA-3,KSPA-4,KSPA-6,KSPA-8                                                            | IIA                             | 97CD3T                 | Expire    |
|                                                        | Vacuum relief valve fitted with flame screen                    | KSPV-3,KSPV-4,KSPV-6,KSPV-8                                                            | IIA                             | 97CD4T                 | Expire    |
|                                                        | Pressure/vacuum valve fitted with flame                         | ISO-BF-3                                                                               | IIA                             | 01CD3T                 | Expire    |
|                                                        | Flame screen                                                    | KSGFH-5                                                                                | IIA                             | 00CD2T                 | Expire    |
|                                                        | Flame screen                                                    | KSGF-4,KSGF-6,KSGF-8,KSGF-10                                                           | IIA                             | 01CD1T                 | Expire    |
|                                                        | NIIKURA KOGYO CO.,LTD.                                          | Pressure/vacuum valve fitted with flame screen                                         | BVW-41C-FC-80<br>BVW-41C-SCS-80 | IIA                    | 91SN2T    |
| Pressure/vacuum valve fitted with flame screen         |                                                                 | BVW13C-FC-80,100<br>BVW13C-SCS-80                                                      | IIA                             | 94SN7T                 | Expire    |
| Pressure/vacuum valve fitted with flame screen         |                                                                 | BVW-6-FC-B-80<br>BVW-6-SCS-B-80                                                        | IIA                             | 91SN4T                 | Expire    |
| Vacuum relief valve fitted with flame screen           |                                                                 | VV-SCS-50,65,80,100,125,100-L,125-L                                                    | IIA                             | 94SN21T                | Expire    |
| Vacuum relief valve fitted with flame screen           |                                                                 | VV-FC-50,65,80,100,125,100-L,125-L,150-L                                               | IIA                             | 94SN20T                | Expire    |
| High velocity vent                                     |                                                                 | NIIKURA HI-VENT NHV-SS-80,100,125,150,200<br>NIIKURA HI-VENT NHV-SUS-65B,65,80,100,125 | IIA                             | 96CD13T                | Expire    |
| Flame screen                                           |                                                                 | GFVC                                                                                   | IIA                             | 98CD22T                | Expire    |
| Vacuum valve fitted with flame screen                  |                                                                 | VV                                                                                     | IIA                             | 98CD21T                | Expire    |
| Flame screen                                           |                                                                 | SS-630-250,300,350,400,450,500,550,600                                                 | IIA                             | 94SN6T                 | Expire    |
| Gas free vent cover(Flame screen)                      |                                                                 | GFVC-FC-200,250,300,350                                                                | IIA                             | 94SN22T                | Expire    |
| Gas free vent cover(Flame screen)                      |                                                                 | GFVC-100,125,150                                                                       | IIA                             | 90SN19T                | Expire    |
| Gas free vent cover(Flame screen)                      |                                                                 | GFVC-SCS-200,250,300,350                                                               | IIA                             | 91SN5T                 | Expire    |
| Flame arrester                                         |                                                                 | 630B-100                                                                               | IIA                             | 92SN9T                 | Expire    |
| Flame screen                                           |                                                                 | SS-630(750A,900A)                                                                      | IIA                             | 91SN3T                 | Expire    |
| High velocity exhaust valve                            |                                                                 | NHV-FC-80,100,125,150                                                                  | IIA                             | 90SN20T                | Expire    |
| PV valve fitted with flame screen                      |                                                                 | FC-BVW13-80,100 and SCS-BVW13-80                                                       | IIA                             | 94SN23T                | Expire    |
| High Velocity Device                                   |                                                                 | NHV-SCS-65,80,100,125                                                                  | IIA                             | 94SN19T                | Expire    |
| Flame screen                                           |                                                                 | SS-630-250,300,350,400,450,500,550,600                                                 | IIA                             | 90SN18T                | Expire    |
| PV valve fitted with flame screen                      |                                                                 | BVW-41L-FC-80<br>BVW-41L-SCS-80                                                        | IIA                             | 90SN17T                | Expire    |
| PV valve fitted with flame screen                      |                                                                 | FC-BVW13-80,100<br>SCS-BVW13-80                                                        | IIA                             | 90SN16T                | Expire    |

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| NIKKURA KOGYO CO.,LTD.      | Gas free vent cover(Flame screen)                               | GFVC-FC-200,250,300,350                                                                                                                                               | IIA             | 90SN15T                | Expire    |
|                             | High velocity vent relief valve                                 | NHV-SCS-65,80,100,125                                                                                                                                                 | IIA             | 90SN12T                | Expire    |
|                             | High velocity vent relief valve                                 | NHV-FC-80,100,125,150                                                                                                                                                 | IIA             | 90SN11T                | Expire    |
|                             | Flame screen                                                    | 630C-80,100,125,150,200                                                                                                                                               | IIA             | 89SN9T                 | Expire    |
|                             | Flame arrester                                                  | 630 B-100                                                                                                                                                             | IIA             | 88HT398Z               | Expire    |
|                             | Gas free vent cover(Flame screen)                               | GFVC-100,125,150                                                                                                                                                      | IIA             | 87HT504Z               | Expire    |
|                             | Gas free vent cover(Flame screen)                               | GFVC-SCS-200,250,300,350                                                                                                                                              | IIA             | 87HT347Z               | Expire    |
|                             | High velocity vent relief valve                                 | NHV-SCS-65,80,100,125                                                                                                                                                 | IIA             | 86HT209Z               | Expire    |
|                             | High velocity vent relief valve                                 | NHV-FC-80,100,125,150                                                                                                                                                 | IIA             | 86HT208Z               | Expire    |
|                             | Vacuum relief valve fitted with flame screen                    | VV-FC-50,65,80,100,125                                                                                                                                                | IIA             | 86HT207Z               | Expire    |
|                             | Vacuum relief valve fitted with flame screen                    | NHV-SCS-65,80,100,125                                                                                                                                                 | IIA             | 86HT206Z               | Expire    |
|                             | Weight type breather valve fitted with flame screen             | FC-BVW13-80,FC-BVW13-100<br>SCS-BVW13-80                                                                                                                              | IIA             | 86HT205Z               | Expire    |
|                             | Weight type breather valve fitted with flame screen             | BVW-41L-FC-80<br>BVW-41L-SCS-80                                                                                                                                       | IIA             | 86HT204Z               | Expire    |
|                             | Gas free vent cover(Flame screen)                               | GFVC-SCS-200,250,300,350                                                                                                                                              | IIA             | 86HT203Z               | Expire    |
|                             | Flame screen                                                    | SS-630-250,300,350,400,450,500,550,600                                                                                                                                | IIA             | 86HT181Z               | Expire    |
|                             | Weight type breather valve fitted with flame screen             | FC-BVW13-80,FC-BVW13-100                                                                                                                                              | IIA             | 86HT154Z               | Expire    |
|                             | Vacuum relief valve fitted with flame screen                    | VV-FC-80,VV-FC-125                                                                                                                                                    | IIA             | 85HT363Z               | Expire    |
|                             | Flame screen                                                    | 630C-80,100,125,150,200                                                                                                                                               | IIA             | 85HT357Z               | Expire    |
|                             | Flame screen                                                    | SS-630-250,300,350,400,450,500,550,600                                                                                                                                | IIA             | 85HT356Z               | Expire    |
|                             | High velocity devices                                           | NHV-SS-80,100,125,150,200,250<br>NHV-SS-80-L,100-L,125-L,150-L,200-L,250-L<br>HBC-PS-80,100,125,150,200,250<br>HBC-PA-80,100,125,150,200,250<br>BCVS1-125,150,200,250 | IIA             | 06CD1T                 | Expire    |
| Flame arrester              | 630E-100, 125mm                                                 | IIA                                                                                                                                                                   | 99CD3T          | Expire                 |           |
| Se-Won Industries Co., Ltd. | High velocity vent/vacuum relief valve fitted with flame screen | HPV-3,-4,-5,-6,-8,-10                                                                                                                                                 | IIA             | 99CD2T                 | Expire    |
|                             | Brether Valve                                                   | SBH-2,SBH-4,SBH-5,SBH-8,SBH-10                                                                                                                                        | IIA             | 97CD2T                 | Expire    |
|                             | Pressure/vacuum valve                                           | SBC-100A,SBC-125A                                                                                                                                                     | IIA             | 96CD4T                 | Expire    |
|                             | Flame arrester                                                  | SFK-100A,SFK-125A                                                                                                                                                     | IIA             | 96CD3T                 | Expire    |
|                             | High velocity vent/vacuum relief valve                          | HPV-3,HPV-4,HPV-5,HPV-6                                                                                                                                               | IIA             | 96CD16T                | Expire    |

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| PRES-VAC ENGINEERING            | Flame Screen                                                        | EPV                                                                                       | IIA             | 92SN5T                              | Expire    |
|                                 | Vacuum Relief Valve                                                 | Type IMO2-VAC                                                                             | IIA<br>IIB      | 96CD31T<br>96CD32T~96CD36T          | Expire    |
|                                 | Non-Hammering Pressure Relief Valve                                 | Type HS-IMO2                                                                              | IIA<br>IIB      | 96CD19T, 96CD20T<br>96CD21T~96CD30T | Expire    |
|                                 | Gas Freeing Cover(FLAME SCREEN)                                     | GFC                                                                                       | IIA             | 93SN7T                              | Expire    |
|                                 | Pressure/Vacuum Valve                                               | HS2,HS3,HS4,HS5,HS6,HS6M,HS7,HS8,HS10                                                     | IIA             | 93SN8T                              | Expire    |
|                                 | Gas Freeing Cover(FLAME SCREEN)                                     | GFB                                                                                       | IIA             | 92SN6T                              | Expire    |
|                                 | Pressure/Vacuum Valve                                               | HS2,HS3,HS4,HS5,HS6,HS6M,HS7,HS8,HS10                                                     | IIA             | 89SN8T                              | Expire    |
|                                 | Gas Freeing Cover(FLAME SCREEN)                                     | GFC 2317                                                                                  | IIA             | 89SN7T                              | Expire    |
|                                 | Flame Screen                                                        | EPV 1700-1                                                                                | IIA             | 86HT221Z                            | Expire    |
|                                 | Gas Freeing Cover(FLAME SCREEN)                                     | GFB 2325                                                                                  | IIA             | 86HT220Z                            | Expire    |
|                                 | HIGH VELOCITY VENT VALVE and Vacuum Valve fitted with FLAME SCREEN  | HS2,HS3,HS4,HS5,HS6,HS6M,HS7,HS8,HS10                                                     | IIA             | 86HT192Z                            | Expire    |
| Gas Freeing Cover(FLAME SCREEN) | GFC 2317                                                            | IIA                                                                                       | 85HT191Z        | Expire                              |           |
| JAPAN MU COMPANY LTD.           | Flame arrester                                                      | MUA-100EB                                                                                 | IIA             | 93SN4T                              | Expire    |
|                                 | Flame arrester                                                      | MUA-65EB                                                                                  | IIA             | 93SN3T                              | Expire    |
|                                 | Flame arrester                                                      | MUA-65EB,100EB,125EB                                                                      | IIA             | 89SN6T                              | Expire    |
| TAIYO SENGU CO., LTD.           | Flame Screen                                                        | F80S,F100S,F125S,F150S                                                                    | IIA             | 90SN3T                              | Expire    |
|                                 | Pressure/vacuum valve fitted with flame                             | NTW80S2,NTW100S2,NTW125S2,NTW150S2                                                        | IIA             | 90SN2T                              | Expire    |
|                                 | W weight type breather valve                                        | NTW80S2,NTW100S2,NTW125S2,NTW150S2                                                        | IIA             | 86HT57Z                             | Expire    |
|                                 | Flame Screen                                                        | F80S,F100S,F125S,F150S                                                                    | IIA             | 86HT56Z                             | Expire    |
| Bolaco Valves ApS               | Vacuum relief valve fitted with flame screen                        | Bolaco Automatic 100 BV7961<br>Bolaco Automatic 150 BV7961<br>Bolaco Automatic 200 BV7961 | IIA             | 88HT012Z                            | Expire    |
|                                 | High velocity pressure valve                                        | Bolaco Automatic 100 BV7991<br>Bolaco Automatic 150 BV7991<br>Bolaco Automatic 200 BV7991 | IIA             | 88HT011Z                            | Expire    |
|                                 | High velocity pressure vacuum relief valve fitted with flame screen | Bolaco Automatic 100 BV7971<br>Bolaco Automatic 150 BV7971<br>Bolaco Automatic 200 BV7971 | IIA             | 88HT010Z                            | Expire    |
|                                 | High velocity pressure vacuum relief valve fitted with flame screen | Bolaco Automatic 100 BV7981<br>Bolaco Automatic 150 BV7981<br>Bolaco Automatic 200 BV7981 | IIA             | 88HT009Z                            | Expire    |

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