

## BDF41/200 (7670BL) Recommended Spares

| PART #             | DESCRIPTION                              | QTY |
|--------------------|--|-----|
| <b>CONTROL</b>     |  |     |
| <b>CABINET</b>     |  |     |
| <b>9025360-xxx</b> | <b>I/A 7355X 2.3 Front Panel 7"</b>      | 1   |
| 1600353            | CRT 7"                                   | 1   |
| 3161161            | PCA System I/O                           | 1   |
| 3161352Vxx         | PCA Video Display 7" 55X 2.3             | 1   |
| 3161951Vxx         | PCA Micro II 55X 2.3                     | 1   |
| 3162281Vxx         | PCA Comm Intfc Processor                 | 1   |
| 8196115            | Pwr Supply Sw Sngl 12V 1.3 AMP           | 1   |
| 8196116            | Pwr Supply Sw Sngl 5V 3 AMP              | 1   |
| <br>               |  |     |
| <b>3161491Vxx</b>  | <b>7670 BL Controller</b>                | 1   |
| <br>               |  |     |
| 4080694-006        | Pwr Supply Sw 24VDC 20 AMP               | 1   |
| 9760044            | I/A 7653 Alarm Processor                 | 1   |
| 9760131            | I/A Output Module                        | 1   |
| 9760132            | I/A Input Module                         | 1   |
| <br>               |  |     |
| <b>FURNACE</b>     |  |     |
| <b>MAINFRAME</b>   |  |     |
| 9011086            | I/A 7630 6 Channel Overtemp              | 1   |
| 2173097            | I/A 7640 Temp Ctr S/R NW (Intempos)      | 1   |
| xxxxxxx            | Element 1000c (CVD process)              | 1   |
| xxxxxxx            | Element (Diffusion Process)              | 1   |
| xxxxxxx            | Element 1350c (Hight Temp)               | 1   |
| <br>               |  |     |
| <b>9012936</b>     | <b>Transformer/PP Assy 42.8KVA 5Z</b>    |     |
| 4756525            | PCA W/Brkt Zero-switch Trigger           | 1   |
| 9015644            | SCR 175A 600V 80c .5" Stud w/Hdw         | 6   |
| <br>               |  |     |
| <b>9652498</b>     | <b>XFMR-PP Assy 42KVA 5Z New Trigger</b> |     |
| 3163721            | PCA Zero Sw Adj Trgr 5Z                  | 1   |
| 9015644            | SCR 175A 600V 80c .5" Stud w/Hdw         | 6   |
| <br>               |  |     |
| 9652600            | Fan W/Plug HT EX 10"OD 700CFM            | 1   |
| 5800106            | TC Assy "S" 5.5 Lng                      | 6   |
| 5800116            | TC Assy "KP" 5.5 Lng                     | 2   |
| xxxxxxx            | Insulated Tube Support                   | 4   |
| xxxxxxx            | Insulated Quartz Collar (pillow)         | 4   |
| xxxxxxx            | Insulated Heat Block                     | 4   |
| <br>               |  |     |
| <b>LOAD</b>        |  |     |
| <b>STATION</b>     |  |     |
| 7449042            | BRG RHOLIX LNR .5 LEAD                   | 1   |
| 2957765            | Position Monitor assy                    | 1   |
| 7452620            | Belt Timing .2P 45 Grvs .31W 9.0L        | 1   |
| 4023387            | Xfmr 115/230VAC 50/60Hz                  | 1   |
| 8335325            | MTR GR/TACH 24VDC 19.7:1RATO             | 1   |
| 8230043            | Fan Tboxl 60CFM                          | 1   |
| 8243331            | Fuse 250V 30A                            | 1   |
| 8603220            | Sw Lim SPDT 5A                           | 1   |
| 9651687            | BRG BALL LNR BSHG .75ID SST              | 4   |

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|---------------|--|--------|
| <b>SOURCE</b> | <b>CABINET</b>                                     |        |
| xxxxxxxVxx    | <b>I/A 7900 Gas Electronics Module (Diffusion)</b> | 1      |
| PS3161525Vxx  | PCA Analog I/O 55X 2.3                             | 1      |
| PS3162012Vxx  | PCA Signal Processor                               | 1      |
| PS3162154Vxx  | PCA 7900 Logic Processor II                        | 1      |
| 8196157       | Pwr Supply Trip 5V +/- 12V                         | 1      |
| 8230067       | Fan Min Rotary 3 1/8"                              | 1      |
| <br>          |  |        |
| xxxxxxxVxx    | <b>I/A 8115 Gas Electronics Module (CVD)</b>       | 1      |
| PS3161525Vxx  | PCA Analog I/O 55X 2.3                             | 1      |
| PS3161722Vxx  | PCA Solenoid Driver w/LED                          | 1      |
| PS3162092Vxx  | PCA G 55 VCVD Interface                            | 1      |
| 8013468       | I/A Pwr Supply 8115 +5V +/- 15V                    | 1      |
| <br>          |  |        |
| xxxxxxx       | Mass Flow Controller                               | 1 each |
| PS9018851     | Flow Sensor and Elec Kit                           | 2      |
| 9014525       | Sw N2 Pressure 3-100 psi .25 MVCR                  | 1      |
| 9023241       | Vlv Airop Dph NC .25FVCR DA P (Nupro)              | 3      |
| 9003297       | Valve Solenoid 24VDC .5W                           | 6      |
| <br>          |  |        |
| 2171935V05    | 5600 Torch Controller                              | 1      |
| 4075045       | Torch Ignition Lamp                                | 2      |
| 4075046       | Ignition Lamp Socket                               | 2      |
| 4075022       | Torch "K" type TC                                  | 1      |

### CONSUMABLES

Quartzware spares on-hand quantities to be determined by customer based upon usage