

APPROVAL AND CERTIFICATION CENTER  
MINE PUMP APPROVALS

| <u>APPROVAL NO</u> | <u>COMPANY</u>   | <u>ISSUE DATE</u> | <u>DESCRIPTION</u>   |
|--------------------|--|-------------------|--|
| 2G-2630            | RICKS MFG AND  | 05/08/73          | MODEL 253, 250 VDC WITH ONE<br>SUPPLY COMPANY 2 HP MOTOR, MINE<br>GATHERING PUMP             |
| 2G-2658A           | FLYGT CORP<br><br>(Name changed to ITT Water & Wastewater AB)<br><br>(Transferred to Xylem Dewatering Solutions, Inc.) | 04/10/73          | TYPE DBF-75-GH, 440/575 VAC,<br><br>3 PH, 60 HZ WITH ONE 5 HP MOTOR,<br><br>SUBMERSIBLE PUMP |
| 2G-2672A           | JOY MFG CO   | 05/11/73          | 440 VAC, 3 PH, 60 HZ WITH TWO 50<br>HP MOTORS, CONTINUOUS PILLAR<br>MINING PUMP UNITS        |
| 2G-2679            | ENSIGN ELECTRIC<br>TRANSFERRED TO<br>SYSTEMS & MINING<br>TRANSFERRED TO<br>SERVICE MACHINE                             | 05/25/73          | BULLETIN 5411, 250 VDC WITH<br>ONE 7-1/2 HP MOTOR, SUB-<br>MERSIBLE PUMP                     |
| 2G-2680A           | ENSIGN ELECTRIC<br>TRANSFERRED TO<br>SYSTEMS & MINING<br>TRANSFERRED TO<br>SERVICE MACHINE                             | 06/01/73          | BULLETIN 5412, 575 VAC, 3 PH,<br>60 HZ WITH ONE 5 HP MOTOR,<br>SUBMERSIBLE PUMP              |
| 2G-2719A           | WILLIAMSON SHAFT   | 09/05/73          | MODEL REX 160, 440 VAC, 3<br>PH, CONTRACTING C, 60 HZ WITH ONE<br>15 HP MOTOR, CONCRETE PUMP |
| 2G-2796A           | STANCO MFG AND<br>SALES, INC.<br>TRANSFERRED TO<br>STANCOR   | 07/30/74          | MODELS P-40CE AND P-30CE,<br>SUBMERSIBLE PUMP  |

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| 2G-2846A           | T&T MACHINE CO  | 03/14/75          | MODEL 6, 460/575 VAC, 3 PH, 60 HZ WITH ONE 1 HP MOTOR, PUMP UNIT  |
| 2G-2848A           | PROSSER IND.<br>TRANSFERRED TO<br>CRANE PUMPS & SYS<br>SUBMERSIBLE MINE PUMP  | 06/03/75          | MODEL 9-61X3X-XX, 230/460/575 VAC, 3 PH, 60 HZ WITH ONE 10 OR 15 HP MOTOR,  |
| 2G-2900A           | T&T MACHINE CO  | 10/01/75          | MODEL EL52Y, 230/460/575 VAC, 3 PH, 60 HZ WITH ONE 2 HP MOTOR, SUBMERSIBLE MINE DRAINAGE PUMP                     |
| 2G-2909A           | W. M. WAGNER  | 12/05/75          | TYPE WSP-200, 460 VAC, 3 PH, SALES CO, INC 60 HZ WITH ONE 10 HP MOTOR, CENTRIFUGAL PUMP                           |
| 2G-2928A           | LONG-AIRDOX CO  | 02/03/76          | MODEL BT-3, 950 VAC, 3 PH, 60 HZ WITH ONE 25 HP MOTOR, SUBMERSIBLE PUMP   |
| 2G-3015A           | GORMAN-RUPP CO  | 01/11/77          | MODELS S2B12-460-3P AND S2B12-575-3P, 460/575 VAC, 3 PH, 60 HZ WITH ONE 2 HP MOTOR, SUBMERSIBLE PUMP              |
| 2G-3018A           | STANCO MFG AND<br>SALES, INC.<br>TRANSFERRED TO<br>STANCOR                    | 02/16/77          | MODEL P-20CE, 220/440/575, 3 PH, 60 HZ WITH ONE 1 HP MOTOR, SUBMERSIBLE PUMP                                      |
| 2G-3024A           | PROSSER IND.<br>TRANSFERRED TO<br>CRANE PUMPS & SYS<br>SUBMERSIBLE MINE PUMPS | 06/15/77          | MODEL 9-6XXXX-0XX, 115/230 VAC, SINGLE PH OR 230/460/575 VAC, 3 PH, 60 HZ WITH ONE 2, 2-1/2, 3-1/2 OR 5 HP MOTOR, |

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| 2G-3054A<br>(Name changed to ITT Water & Wastewater AB)<br>(Transferred to Xylem Dewatering Solutions, Inc.)  | FLYGT CORP   | 08/31/77          | MODEL B2125.050, 460/575 VAC,<br><br>3 PH, 60 HZ WITH ONE 13 HP<br>MOTOR, SUBMERSIBLE PUMP |
| 2G-3081   | DOWTY CORP   | 03/07/78          | MODEL 011700A-DC, 250 VDC WITH<br>ONE 15 HP MOTOR, HYDRAULIC POWER<br>PACK                 |
| 2G-3114A  | W.R. STAMLER CO                                    | 11/13/78          | 460/575 VAC, 3 PH, 60 HZ WITH<br>ONE 50 HP MOTOR, PERMISSIBLE<br>HYDRAULIC POWER UNIT      |
| 2G-3135A<br>(Name changed to ITT Water & Wastewater AB )<br>(Transferred to Xylem Dewatering Solutions, Inc.) | FLYGT CORP   | 02/14/79          | MODEL B2201.430, 460/575 VAC,<br>3 PH, 60 HZ WITH ONE 58 HP MOTOR,<br>SUBMERSIBLE PUMP     |
| 2G-3142A  | STANCO MFG AND<br>SALES, TRANSFERRED<br>TO STANCOR | 04/01/79          | MODEL P-60CE, 220/440/575<br>VAC, 3 PH, 60 HZ WITH ONE<br>18 HP MOTOR, SUBMERSIBLE<br>PUMP |
| 2G-3275   | DRILLING EQUIP.                                    | 11/17/80          | 460 VAC, 3 PH, 60 HZ WITH ONE 40<br>HP MOTOR, HYDRAMATIC POWER PACK                        |
| 2G-3289A  | NORTHERN COAL CO                                   | 02/04/82          | MODEL 0100, 460 VAC, 3 PH, 60 HZ<br>WITH ONE 40 HP MOTOR, SKID<br>MOUNTED PUMP ASSEMBLY    |

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| 2G-3298            | STANCO MFG AND<br>SALES, TRANSFERRED<br>TO STANCOR   | 03/16/81          | MODEL 2-DCE, 250/300 VDC WITH<br>ONE 3 HP MOTOR, SUBMERSIBLE<br>PUMP                                 |
| 2G-3360A           | T&T MACHINE CO   | 01/05/82          | MODEL EL-52YBT, 220/460/575 VAC,<br>3 PH, 60 HZ WITH ONE 2 HP AC<br>MOTOR, SUBMERSIBLE PUMP ASSEMBLY |
| 2G-3369A           | JEFFREY  | 02/23/82          | 995 VAC, 3 PH, 60 HZ WITH TWO<br>150 HP MOTORS, 5-CYLINDER POWER<br>PACK                             |
| 2G-3435A           | WEDA PUMP<br>NAME CHANGED TO<br>COMPONENTA INTL.   | 10/01/82          | MODEL L700E, 440 VAC, 3 PH,<br>60 HZ WITH ONE 16 HP MOTOR,<br>MINE PUMP ASSEMBLY                     |
| 2G-3443A           | CONTRACTORS<br>WAREHOUSE, INC<br>TRANSFERRED TO<br>REED INC.<br>(Name changed to ITT Water & Wastewater AB)<br>(Transferred to Xylem Dewatering solutions, Inc.) | 11/10/82          | MODEL CW1-5, 230/460/575 VAC,<br>3PH, 60HZ WITH ONE 5 HP<br>MOTOR, SUBMERSIBLE PUMP                  |
| 2G-3464A           | PEABODY BARNES   | 03/08/83          | TYPE PMD, 480/575 VAC, 3 PH, 60<br>HZ WITH ONE 2, 3, 5, 7.5 OR 10 HP<br>MOTOR, MINE PUMP ASSEMBLY    |
| 2G-3477A           | GORMAN-RUPP CO   | 05/12/83          | MODELS S4C12 AND S4D12, 460/575<br>VAC, 3 PH, 60 HZ WITH ONE 10 HP<br>MOTOR, MINE PUMP ASSEMBLIES    |
| 2G-3481A           | GORMAN-RUPP CO   | 05/20/83          | MODELS S3B12 AND S3C12, 460/575<br>VAC, 3 PH, 60 HZ WITH ONE 6 HP<br>MOTOR, MINE PUMP ASSEMBLIES     |

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| 2G-3499A  | KITT ENERGY CORP   | 09/16/83          | MODEL 400, 575 VAC, 3 PH, 60 HZ WITH ONE 40 HP MOTOR, HYDRAULIC POWER UNIT   |
| 2G-3523A<br>(Name changed to ITT Water & Wastewater AB<br>(Transferred to Xylem Dewatering Solutions, Inc.) | ITT MARLOW   | 02/01/84          | MODELS 3S33-M AND 3S53-M, 460/575 VAC, 3 PH, 60 HZ WITH ONE 2-1/2 HP (460 V) OR 5 HP (460/575 V) MOTOR, MINE PUMP ASSEMBLIES |
| 2G-3546A  | METHANE DRAINAGE   | 06/11/84          | MODEL NO. 1, 460 VAC, 3 PH, VENTURES 60 HZ WITH ONE 50 HP MOTOR, SKID-MOUNTED PUMP ASSEMBLY                                  |
| 2G-3568A  | SENIOR CONFLOW   | 09/14/84          | MODEL 5147, 950 VAC, 3 PH, 60 HZ, SKID-MOUNTED PUMP ASSEMBLY   |
| 2G-3605A  | BARRETT HAENTJENS  | 03/21/85          | MODEL 324-40-1800, 460 VAC, 3 PH, 60 HZ, PUMP STARTER ASSEMBLY   |
| 2G-3613A  | ABS PUMPS<br>(Name changed to<br>ABS Group AB)<br>(Transferred to<br>Sulzer Management AG) | 05/15/85          | JUMBO 80 MEX SUBMERSIBLE MINE PUMP   |

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| 2G-3614A           | ABS PUMPS<br>(Name changed to<br>ABS Group AB)<br>(Transferred to<br>Sulzer Management AG) | 05/15/85          | JUMBO 10, 20, AND 50 MEX/50 HH<br>MEX SUBMERSIBLE PUMP  |
| 2G-3657A           | ABS PUMPS<br>(Name changed to<br>ABS Group AB)<br>(Transferred to<br>Sulzer Management AG) | 03/11/86          | JUMBO 200 MEX/200 HH MEX,<br>460/575 VAC, 30.8 HP, 3 PH, 60<br>HZ, SUBMERSIBLE MINE PUMP        |
| 2G-3660A           | NASH ENGINEERING   | 03/25/86          | MODELS CL402, CL702, AND CL1002,<br>460 VAC, 3 PH, 60 HZ, METHANE<br>EXHAUSTER PUMP ASSEMBLY    |
| 2G-3662A           | METHANE DRAINAGE   | 04/23/86          | MODEL NO. 2, 440 VAC, 3 PH,<br>VENTURES 60 HZ, PISTON TYPE<br>WATER PUMP ASSEMBLY               |
| 2G-3722A           | RUDOLF HAUSHERR  | 09/17/87          | MODEL SH-3K-EVS/1, /2, /3<br>460/575/950 V, 3 PH, 60 HZ,<br>HYDRAULIC PUMP ASSEMBLIES           |
| 2G-3764A           | REED INC.<br>TRANSFERRED TO<br>GRINDEX PUMPS   | 08/09/88          | MODEL MINEX, MINETTE &<br>SALVADOR 460/575 VOLT, 3 PH,<br>60 HZ, AC SUBMERSIBLE PUMP            |
| 2G-3779A           | THE PITTSBURGH<br>MIDWAY COAL<br>MINING COMPANY  | 11/21/88          | MODEL 3196, 575 VOLT, 3 PH, AND<br>60 HZ, AC, PUMP ASSEMBLY                                     |
| 2G-3781A           | GORMAN RUPP CO   | 11/25/88          | MODELS SM4J1, SM4J18 & SM4J65,<br>60 HP, 460/575 VOLTS, 3 PH, 60<br>MOTOR, MINE PUMP ASSEMBLIES |

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| 2G-3782A   | GORMAN RUPP CO  | 11/30/88          | MODELS SM4G1, SM4G18 & SM4G65<br>MINE PUMP ASSEMBLIES                     |
| 2G-3783A   | GORMAN RUPP CO  | 11/30/88          | MODELS SM4E1, SM4E18 & SM4E65<br>MINE PUMP ASSEMBLIES                     |
| 2G-3791A<br>(Name changed to ITT Water & Wastewater AB)<br>(Transferred to Xylem Dewatering Solutions, Inc.) | FLYGT CORP.   | 02/07/89          | MODEL 3080.790 HT, ST & MT<br>SUBMERSIBLE PUMP                            |
| 2G-3794A<br>(Name changed to ITT Water & Wastewater AB)<br>Transferred to Xylem Dewatering Solutions, Inc.)  | FLYGT CORP  | 02/13/89          | MODEL 2084.050 LT, MT & HT<br>SUBMERSIBLE PUMP                            |
| 2G-3796A<br>(Name changed to ITT Water & Wastewater AB )<br>Transferred to Xylem Dewatering Solutions, Inc.) | FLYGT CORP  | 02/22/89          | MODEL 2400 460/575 VOLT, 3 PH,<br>60 HZ, AC, SUBMERSIBLE PUMP             |
| 2G-3827A<br>(Name changed to ITT Water & Wastewater AB)<br>Transferred to Xylem Dewatering Solutions, Inc.)  | FLYGT CORP  | 10/17/89          | MODEL 2151.050 HT/LT 460/575<br>VOLT, 3 PH, 60 HZ, AC<br>SUBMERSIBLE PUMP |
| 2G-3842A<br>(Name changed to ITT Water & Wastewater AB )<br>Transferred to Xylem Dewatering Solutions, Inc.) | FLYGT CORP  | 02/08/90          | MODEL 2135.590, 22 HP, 460/575V,<br>3 PH, 60 HZ, AC, PUMP ASSEMBLY        |
| 2G-3838A   | UTAH POWER AND<br>LIGHT MINING DIV<br>TRANSFERRED TO<br>ENERGY WEST MINING CO | 02/28/90          | MODEL 041789 PUMP SYSTEM  |

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| 2G-3888A           | KERR-MCGEE COAL  | 10/29/91          | MODEL 2075.050 PUMP SYSTEM   |
| 2G-3896            | INDUSTRIAL<br>SCIENTIFIC   | 02/20/92          | MODEL SP400 PERMISSIBLE<br>SAMPLING PUMP                                     |
| 2G-3897            | ENERGY WEST<br>MINING COMPANY  | 03/24/92          | MODEL 061891 HYDRAULIC<br>PUMP MOTOR SYSTEM ASSEMBLY                         |
| 2G-3901A           | GORMAN RUPP CO   | 04/22/92          | MODELS SM2F1, SM2F18 AND SM2F65<br>MINE PUMP                                 |
| 2G-3908A           | GRINDEX PUMPS  | 05/13/92          | MODEL MATADOR N/H OR MIDI N/H<br>SUBMERSIBLE MINE PUMP                       |
| 2G-3927A           | CYPRUS PLATEAU<br>MINING CORP  | 05/03/93          | 480 VAC PUMP SYSTEM  |
| 2G-3971A           | GORMAN RUPP CO   | 11/22/94          | SUBMERSIBLE MINE PUMP<br>ASSEMBLIES  |
| 2G-3989A           | GENWAL RESOURCES   | 06/19/95          | MDL. 17071 460V, 3PH, 60HZ,<br>A. C. PUMP SYSTEM                             |
| 2G-3994A           | GRINDEX PUMPS  | 09/28/95          | 460/575V, 3PH, 60HZ, A. C.<br>PUMP SYSTEM                                    |
| 2G-4000A           | PITTSBURG AND<br>MIDWAY COAL CO.   | 01/26/96          | MDL. PMNR-1 PUMP DISTRIBUTION<br>SYSTEM                                      |
| 2G-4019/A          | ABS PUMPS, INC.<br>(Name changed to<br>ABS Group AB)<br>(Transferred to<br>Sulzer Management AG) | 08/14/96          | MDLS. JUMBO: 10W MEX, 10 MEX,<br>20MEX, 50 MEX, 80 MEX, AND<br>200 MEX PUMPS |

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| 2G-4068  | PEABODY COAL   | 04/02/99          | MODEL PU DISTRIBUTION SYSTEM  |
| 2G-4099A   | METTIKI COAL   | 10/03/00          | PUMP SYSTEM   |
| 2G-4113A   | DRUMMOND CO.<br>(Transferred to Peabody Southeast Mining, LLC) | 02/15/01          | MODEL 56-600 PUMP ASSEMBLY  |
| 2G-4131A   | METTIKI COAL   | 12/14/01          | PUMPING SYSTEM  |
| 2G-4149A   | TARGET DRILLING  | 12/10/02          | ELECTRO HYDRAULIC TRIPLEX PUMP  |
| 18-A060004   | STANCOR, INC.  | 01/11/06          | MODELS SX6000 AND SX7500 ALTERNATING CURRENT PUMP ASSEMBLIES                |
| 18-A060016   | TWENTYMILE COAL CO.  | 05/17/06          | MODEL D6438-000 PUMP DISTRIBUTION SYSTEM                                    |
| 18-A070011<br>(Name changed to ITT Water & Wastewater AB)<br>(Transferred to Xylem Dewatering Solutions, Inc.) | ITT FLYGT  | 06/08/07          | SERIES 2600, 460/575 VOLT ALTERNATING CURRENT, 60 HERTZ 3 PHASE PUMP        |
| 18-A080007   | GRINDEX PUMPS  | 04/29/08          | MODEL 8100 SERIES, 460/575 VOLT, 3 PHASE, 60 HERTZ ALTERNATING CURRENT PUMP |
| 18-A100009   | BJM PUMPS LLC  | 04/07/10          | MODEL HAS SERIES, HERTZ PERMISSIBLE PUMP SYSTEM                             |
| 18-A100011   | DRAEGER SAFETY INC.  | 04/22/10          | MODEL X-am 5000 HC MULTI-GAS MONITOR WITH PAC EX 2 DETACHABLE PUMP          |

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| 18-A120007         | JIM WALTER<br>RESOURCES<br>(Transferred to Warrior Met Coal Mining, LLC) | 06/04/12          | 480 VOLT, ALTERNATING CURRENT<br>PERMISSIBLE PUMP SYSTEM |
| 18-A190003         | Genesis Alkali<br>c/o Becker/<br>SMC                                     | 08/16/19          | Permissible Pump<br>Distribution System                  |
| 18-A190005         | Draeger Medical  | 12/26/19          | Model GEP02** Pump                                       |