

APPROVAL AND CERTIFICATION CENTER  
ROOF BOLTER APPROVALS

| <u>APPROVAL NO.</u> | <u>COMPANY</u>                                                                                                            | <u>ISSUE DATE</u> | <u>DESCRIPTION</u>                                                                                                                      |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 2G-2635A            | LONG-AIRDOX CO                                                                                                            | 03/06/73          | TYPE LRB-12L, 440 VAC WITH TWO 40 HP MOTORS, ROOF BOLTER WITH INTEGRAL DUST-COLLECTING SYSTEMS                                          |
| 2G-2647             | J.H. FLETCHER                                                                                                             | 03/16/73          | MODEL DDJ-7, C-2/10, 240 VDC AND COMPANY WITH ONE 50 HP MOTOR, DUAL SLIDE HEAD ROOF BOLTING MACHINE AND INTEGRAL DUST-COLLECTING SYSTEM |
| 2G-2694A            | LEE-NORSE CO<br>TRANSFERRED TO<br>INGERSOLL-RAND CO<br>TRANSFERRED TO<br>SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX | 08/03/73          | MODEL 730-2-H43, 440 VAC WITH TWO 40 HP MOTORS, TWIN-ARM ROOF BOLTER WITH INTEGRAL DUST-COLLECTING SYSTEM                               |
| 2G-2699A            | LONG-AIRDOX CO                                                                                                            | 07/02/73          | TYPE LRB-12C, 440 VAC WITH ONE 100 HP AND ONE 20 HP MOTOR, DUAL BOOM ROOF BOLTER WITH INTEGRAL DUST-COLLECTING SYSTEM                   |

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| 2G-2724             | LONG-AIRDOX CO                                                                                                            | 09/14/73          | TYPE LRB-5, 240 VDC WITH ONE 20 HP MOTOR, ROOF BOLTER WITH INTEGRAL DUST-COLLECTING SYSTEM                        |
| 2G-2725A            | LEE-NORSE CO<br>TRANSFERRED TO<br>INGERSOLL-RAND CO<br>TRANSFERRED TO<br>SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX | 10/04/73          | MODEL 73, 440/550 VAC, 3 PH, 60 HZ WITH ONE 40 HP MOTOR, SINGLE ARM PIN SET ROOF BOLTER                           |
| 2G-2777A            | LEE-NORSE CO<br>TRANSFERRED TO<br>INGERSOLL-RAND CO<br>TRANSFERRED TO<br>SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX | 05/16/74          | MODEL TD1-29-43, 440/550 VAC WITH ONE 40 HP MOTOR, SINGLE ARM ROOF BOLTER WITH INTEGRAL DUST-COLLECTING SYSTEM    |
| 2G-2855A            | J.H. FLETCHER<br>AND COMPANY                                                                                              | 03/18/77          | MODEL BC-15, C-2/10, 575 VAC, 3 PH, 60 HZ WITH ONE 90 HP AND ONE 30 HP MOTOR, BOLTER CONVEYOR WITH INTEGRAL DUST- |

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|                     |                                                                                                                           |                   | COLLECTING SYSTEM                                                                                                                             |
| 2G-2969A            | CONSOLIDATION<br>COAL COMPANY                                                                                             | 07/26/76          | REBUILT FMC/GALIS MODEL 320<br>550 VAC, 3 PH, 60 HZ WITH ONE 40<br>HP MOTOR, ROOF BOLTING<br>MACHINE WITH INTEGRAL DUST-<br>COLLECTING SYSTEM |
| 2G-2970A            | LEE-NORSE CO<br>TRANSFERRED TO<br>INGERSOLL-RAND CO<br>TRANSFERRED TO<br>SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX | 08/02/76          | MODEL TD1-63-1-1R, 500 VAC,<br>3 PH, 50 HZ WITH ONE 75 HP<br>MOTOR, ROOF BOLTING MACHINE<br>WITH INTEGRAL DUST-COLLECTING<br>SYSTEM           |
| 2G-3006             | LEE-NORSE CO<br>TRANSFERRED TO<br>INGERSOLL-RAND CO<br>TRANSFERRED TO<br>SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX | 03/20/78          | MODEL TD2-30 DC THROUGH TD2-<br>43, 240 VDC WITH TWO 30 HP<br>MOTORS, TWIN ARM ROOF BOLTERS<br>WITH INTEGRAL DUST-COLLECTING<br>SYSTEM        |

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| 2G-3036             | LONG-AIRDOX CO                                                                                                            | 10/11/77          | MODEL LRB-12L, 240 VDC WITH TWO 30 HP MOTORS, ROOF BOLTER WITH INTEGRAL DUST-COLLECTING SYSTEM                                                     |
| 2G-3039A            | LEE-NORSE CO<br>TRANSFERRED TO<br>INGERSOLL-RAND CO<br>TRANSFERRED TO<br>SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX | 04/12/78          | MODELS TD1-36-1-11E AND TD1 36-1-11EE, 440/550 VAC, 3 PH, 60 HZ WITH ONE 40 HP MOTOR, SINGLE ARM ROOF BOLTERS WITH INTEGRAL DUST-COLLECTING SYSTEM |
| 2G-3043             | LEE-NORSE CO<br>TRANSFERRED TO<br>INGERSOLL-RAND CO<br>TRANSFERRED TO<br>SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX | 08/01/77          | MODEL TD124-1-1-1K, SINGLE ARM, 250 VDC WITH ONE 30 HP MOTOR, ROOF BOLTER WITH INTEGRAL DUST-COLLECTING SYSTEM                                     |
| 2G-3063             | LEE-NORSE CO<br>TRANSFERRED TO<br>INGERSOLL-RAND CO<br>TRANSFERRED TO                                                     | 04/10/78          | MODEL TD1-31-1-1L, 128 VDC WITH ONE 35 HP MOTOR, SINGLE ARM ROOF BOLTER WITH INTEGRAL DUST-COLLECTING SYSTEM                                       |

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|                     | SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX                                                                          |                   |                                                                                                                                                                                                                       |
| 2G-3100A            | LEE-NORSE CO<br>TRANSFERRED TO<br>INGERSOLL-RAND CO<br>TRANSFERRED TO<br>SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX | 08/28/78          | MODEL NOS. TD2-30-4E THRU 7E;<br>TD2-30-4EE THRU 7EE; TD2-30-1<br>THRU 4-8E; TD2-30-1 THRU 4-<br>8EE; TD2-31-1 THRU 4-8E; TD2-<br>31-1 THRU 4-8 EE, 440/550<br>VAC, 3 PH, 60 HZ WITH TWO 40<br>HP MOTORS, ROOF BOLTER |
| 2G-3101             | LEE-NORSE CO<br>TRANSFERRED TO<br>INGERSOLL-RAND CO<br>TRANSFERRED TO<br>SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX | 10/27/78          | 240 VDC WITH TWO 30 HP<br>MOTORS, TWIN ARM ROOF BOLTER<br>WITH INTEGRAL DUST-COLLECTING<br>SYSTEM                                                                                                                     |

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| 2G-3105A            | BUREAU OF MINES                                                                                                           | 04/24/79          | MODEL 3520, 440 VAC, 3 PH, 60 HZ WITH TWO 40 HP MOTORS, ROOF BOLTER                                                       |
| 2G-3115A            | LEE-NORSE CO<br>TRANSFERRED TO<br>INGERSOLL-RAND CO<br>TRANSFERRED TO<br>SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX | 11/13/78          | MODELS TD230-5-3-9E/9EE, 440/550 VAC, 3 PH, 60 HZ WITH TWO 40 HP MOTORS, ROOF BOLTER WITH INTEGRAL DUST-COLLECTING SYSTEM |
| 2G-3116             | EPLING MFG CO                                                                                                             | 10/27/78          | MODEL DE-25, 250 V, DC, ROOF BOLTER                                                                                       |
| 2G-3139A            | LONG-AIRDOX CO                                                                                                            | 02/28/79          | LRB-22, 440/550 VAC, ROOF BOLTER                                                                                          |
| 2G-3150A            | SCHROEDER BROS.                                                                                                           | 04/24/79          | MODEL SBC, 460/575 VAC, 3 PH, 60 HZ WITH TWO 50 HP MOTORS, ROOF BOLTER                                                    |
| 2G-3187A            | LEE-NORSE CO<br>TRANSFERRED TO<br>INGERSOLL-RAND CO<br>TRANSFERRED TO                                                     | 02/13/80          | MODEL TD12-1-1-2E, 440/550 VAC, 3 PH, 60 HZ WITH ONE 100 HP AC MOTOR, ROOF BOLTER WITH INTEGRAL DUST COLLECTOR            |

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|                     | SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX                                                                          |                   |                                                                                                               |
| 2G-3195A            | MARMON RESEARCH                                                                                                           | 10/31/79          | MODEL TSB-20, 440/550 VAC, 3 PH, 60 HZ WITH ONE 20 HP MOTOR, ROOF BOLTER WITH INTEGRAL DUST-COLLECTING SYSTEM |
| 2G-3231A            | U.S. STEEL CORP                                                                                                           | 05/27/80          | MODEL CD-41A, 440 VAC, 3 PH, 60 HZ WITH ONE 50 HP MOTOR, ROOF BOLTER                                          |
| 2G-3234A            | LEE-NORSE CO<br>TRANSFERRED TO<br>INGERSOLL-RAND CO<br>TRANSFERRED TO<br>SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX | 05/22/80          | MODEL TD12-3, 440/550 VAC, 3 PH, 60 HZ, DUAL ARM ROOF BOLTER                                                  |
| 2G-3260A            | U.S. STEEL CORP                                                                                                           | 10/28/80          | MODEL CD-71A, 550 VAC, 3 PH, 60 HZ WITH ONE 60 HP MOTOR, ROOF BOLTER                                          |

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| 2G-3285             | ACME MFG CO                                                                              | 12/17/80          | MODEL D-12, 250 VDC WITH TWO 30 HP, 250 VDC MOTORS, DUAL HEAD ROOF BOLTER                                                          |
| 2G-3288             | ACME MFG CO                                                                              | 01/22/81          | MODEL D-11, 250 VDC WITH OPTIONAL DUST-COLLECTING SYSTEM WITH ONE 30 HP MOTOR, SINGLE HEAD ROOF BOLTER                             |
| 2G-3293             | CONSOLIDATION COAL COMPANY                                                               | 04/06/81          | MODEL 320A, 440 VAC, 3 PH, 60 HZ WITH ONE 100 HP PUMP MOTOR, ROOF BOLTER WITH INTEGRAL DUST-COLLECTING SYSTEM                      |
| 2G-3294A            | FMC CORPORATION<br>TRANSFERRED TO<br>EIMCO COAL<br>MACHINERY DIV                         | 02/11/81          | MODEL 3720, 250/550 VDC WITH TWO 20 OR 30 HP MOTORS, ROOF BOLTER                                                                   |
| 2G-3296A            | LEE-NORSE CO<br>TRANSFERRED TO<br>INGERSOLL-RAND CO<br>TRANSFERRED TO<br>SIMMONS-RAND CO | 03/10/81          | MODEL BB-1, 440 VAC, 3 PH, 60 HZ WITH TWO 25 HP, ONE 80 HP AND ONE 40 HP MOTOR, BRIDGE BOLTER WITH INTEGRAL DUST-COLLECTING SYSTEM |

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|                     | TRANSFERRED TO<br>LONG-AIRDOX                                                                                             |                   |                                                                                                                                             |
| 2G-3353A            | LEE-NORSE CO<br>TRANSFERRED TO<br>INGERSOLL-RAND CO<br>TRANSFERRED TO<br>SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX | 12/04/81          | MODEL TD1-43-1-1R, 550 VAC,<br>3 PH, 50 HZ WITH ONE 40 HP<br>PUMP MOTOR, SINGLE ARM ROOF<br>BOLTER WITH INTEGRAL DUST-<br>COLLECTING SYSTEM |
| 2G-3355A            | MARMON RESEARCH<br>TRANSFERRED TO<br>LONG-AIRDOX CO                                                                       | 12/17/81          | MODEL LRB-25, 440/550 VAC,<br>3 PH, 60 HZ WITH ONE 20 HP<br>MOTOR, ROOF BOLTER WITH<br>INTEGRAL DUST-COLLECTING<br>SYSTEM                   |
| 2G-3396A            | BUREAU OF MINES                                                                                                           | 06/25/82          | REMOTE MODEL RRB-1, 460 VAC, 3<br>PH, 60 HZ WITH ONE 40 HP AND<br>ONE 7.5 HP MOTOR, ROOF BOLTER                                             |
| 2G-3399A            | EPLING MFG CO                                                                                                             | 06/23/82          | MODEL LR-27, 440 VAC, 3 PH, 60 HZ<br>WITH ONE 40 HP MOTOR, ROOF<br>BOLTER WITH INTEGRAL DUST-<br>COLLECTION SYSTEM                          |

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| 2G-3440A            | BUREAU OF MINES                                                                         | 11/03/82          | MODEL 82, 440 VAC, 3 PH, 60 HZ<br>WITH ONE 75 HP MOTOR, ROOF<br>BOLTER                    |
| 2G-3500A            | FOREMCO CORP                                                                            | 09/22/83          | MODEL 20, 480 VAC, 3 PH, 60 HZ<br>WITH ONE 35 HP MOTOR, ROOF<br>BOLTER MACHINE            |
| 2G-3541             | MARMON RESEARCH<br>TRANSFERRED TO<br>LONG-AIRDOX CO                                     | 05/11/84          | MODEL LRB-25, 240 VDC, ROOF<br>BOLTER WITH INTEGRAL DUST-<br>COLLECTING SYSTEM            |
| 2G-3555A            | JARVIS CLARK                                                                            | 07/19/84          | MODEL JB2-H, 460/575 VAC, 3 PH, 60<br>HZ, JET DRILL ROOF BOLTER                           |
| 2G-3622A            | INGERSOLL-RAND CO<br>TRANSFERRED TO<br>SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX | 06/06/85          | MODEL TD2-34-6-5EE, 550/950<br>VAC, 3 PH, 60 HZ, ROOF BOLTER                              |
| 2G-3627A            | PYRO MINING CO                                                                          | 06/28/85          | MODEL P-320, 440 VAC, 3 PH, 60 HZ,<br>ROOF BOLTER WITH INTEGRAL<br>DUST-COLLECTING SYSTEM |

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| 2G-3650A            | ATLAS COPCO                                                       | 12/03/85          | MODEL NOS. 245LR (ROOF BOLTER)/240LR (FACE DRILL), 460/575 VAC, 3 PH, 60 HZ ROOF BOLTER/FACE DRILL, WITHOUT INTEGRAL DUST-COLLECTING SYSTEM |
| 2G-3753A            | SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX                  | 04/20/88          | MODEL TD1A, 440/550 V, 3 PH, 60 HZ , ALTERNATING CURRENT ROOF BOLTER WITH INTEGRAL DUST COLLECTING SYSTEM                                   |
| 2G-3758A            | COGAR MINE<br>SUPPLY INC.<br>(Transferred to Cogar Manufacturing) | 05/24/88          | MODEL LSRD-36, 440/550 V PH, 60 HZ, AC ROOF BOLTER WITH INTEGRAL DUST COLLECTING SYSTEM                                                     |
| 2G-3774A            | J.H. FLETCHER                                                     | 10/25/88          | MODEL 13/15-A, 440/550 VOLT, AND COMPANY 3 PH, 60 HZ, AC, MOBILE ROOF SUPPORT MACHINE                                                       |
| 2G-3824A            | PRO-TECH MINING<br>REBUILD & MFG, INC                             | 09/26/89          | MODEL 38-1000, 440 VOLT, 3 PH, 60 HZ, AC, BOLTER/SURGE CAR                                                                                  |

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| 2G-3854A            | LONG-AIRDOX CO                                                                               | 08/23/90          | MODEL LRB-25C, 440/550 V, 3 PH, 60 HZ, AC ROOF BOLTER |
| 2G-3877A            | SIMMONS-RAND CO<br>TRANSFERRED TO<br>LONG-AIRDOX                                             | 06/18/91          | MODEL SR100-LB ROOF BOLTER                            |
| 2G-3964A            | VOEST ALPLINE<br>C/O SMC ELEC<br>PRODUCTS INC.                                               | 08/11/94          | MODEL ABM-20 BOLTER/MINER                             |
| 2G-4049A            | RANDY'S INC.                                                                                 | 05/14/98          | MODEL 100SL-AC ROOF BOLTER                            |
| 2G-4059A            | JOY MINING MACH.                                                                             | 01/21/99          | MODEL MB, MULTI BOLTER, 950V,<br>3PH, 60HZ            |
| 2G-4136A            | HYDRAMATIC ENG.<br>TRANSFERRED TO<br>SANDVIK MINING AND<br>CONSTRUCTION<br>AUSTRALIA PTY LTD | 12/09/02          | MOBILE ROOF BOLTER                                    |

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| 18-A060015          | VOEST-ALPINE MINING | 05/10/06          | MODEL ABM 10, ALTERNATING<br>CURRENT ALPINE BOLTER MINER                             |
| 18-A220001          | DYNAINDUSTRIAL      | 04/06/22          | MODEL LP-50XP DYNA BOLTER 440V,<br>60HZ, 3-PHASE, ALTERNATING<br>CURRENT ROOF BOLTER |

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