

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 SUPPLY COMPANY 2 HP MOTOR, MINE GATHERING PUMP
2G-2658A	FLYGT CORP  (Name changed to ITT Water & Wastewater AB)  (Transferred to Xylem Dewatering Solutions, Inc.)	04/10/73	TYPE DBF-75-GH, 440/575 VAC,  3 PH, 60 HZ WITH ONE 5 HP MOTOR,  SUBMERSIBLE PUMP
2G-2672A	JOY MFG CO	05/11/73	440 VAC, 3 PH, 60 HZ WITH TWO 50 HP MOTORS, CONTINUOUS PILLAR MINING PUMP UNITS
2G-2679	ENSIGN ELECTRIC TRANSFERRED TO SYSTEMS & MINING TRANSFERRED TO SERVICE MACHINE	05/25/73	BULLETIN 5411, 250 VDC WITH ONE 7-1/2 HP MOTOR, SUBMERSIBLE PUMP
2G-2680A	ENSIGN ELECTRIC TRANSFERRED TO SYSTEMS & MINING TRANSFERRED TO SERVICE MACHINE	06/01/73	BULLETIN 5412, 575 VAC, 3 PH, 60 HZ WITH ONE 5 HP MOTOR, SUBMERSIBLE PUMP
2G-2719A	WILLIAMSON SHAFT	09/05/73	MODEL REX 160, 440 VAC, 3 PH, CONTRACTING C, 60 HZ WITH ONE 15 HP MOTOR, CONCRETE PUMP
2G-2796A	STANCO MFG AND SALES, INC. TRANSFERRED TO STANCOR	07/30/74	MODELS P-40CE AND P-30CE, 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. TRANSFERRED TO CRANE PUMPS & SYS 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 SALES, INC. TRANSFERRED TO 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. TRANSFERRED TO CRANE PUMPS & SYS	06/15/77	MODEL 9-6XXXX-OXX, 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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SUBMERSIBLE MINE PUMPS			
2G-3054A (Name changed to ITT Water & Wastewater AB) (Transferred to Xylem Dewatering Solutions, Inc.)	FLYGT CORP	08/31/77	MODEL B2125.050, 460/575 VAC, 3 PH, 60 HZ WITH ONE 13 HP MOTOR, SUBMERSIBLE PUMP
2G-3081	DOWTY CORP	03/07/78	MODEL 011700A-DC, 250 VDC WITH ONE 15 HP MOTOR, HYDRAULIC POWER PACK
2G-3114A	W. R. STAMLER CO	11/13/78	460/575 VAC, 3 PH, 60 HZ WITH ONE 50 HP MOTOR, PERMISSIBLE HYDRAULIC POWER UNIT
2G-3135A (Name changed to ITT Water & Wastewater AB ) (Transferred to Xylem Dewatering Solutions, Inc.)	FLYGT CORP	02/14/79	MODEL B2201.430, 460/575 VAC, 3 PH, 60 HZ WITH ONE 58 HP MOTOR, SUBMERSIBLE PUMP
2G-3142A	STANCO MFG AND SALES, TRANSFERRED TO STANCOR	04/01/79	MODEL P-60CE, 220/440/575 VAC, 3 PH, 60 HZ WITH ONE 18 HP MOTOR, SUBMERSIBLE
PUMP			
2G-3275	DRILLING EQUIP.	11/17/80	460 VAC, 3 PH, 60 HZ WITH ONE 40 HP MOTOR, HYDRAMATIC POWER PACK
2G-3289A	NORTHERN COAL CO	02/04/82	MODEL 0100, 460 VAC, 3 PH, 60 HZ WITH ONE 40 HP MOTOR, SKID MOUNTED PUMP ASSEMBLY

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

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			MOTOR, MINE PUMP ASSEMBLIES
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 (Name changed to ITT Water & Wastewater AB (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 (Name changed to ABS Group AB) (Transferred to Sulzer Management AG)	05/15/85	JUMBO 80 MEX SUBMERSIBLE MINE PUMP

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

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			HZ, MINE PUMP ASSEMBLY
2G-3782A	GORMAN RUPP CO	11/30/88	MODELS SM4G1, SM4G18 & SM4G65 MINE PUMP ASSEMBLIES
2G-3783A	GORMAN RUPP CO	11/30/88	MODELS SM4E1, SM4E18 & SM4E65 MINE PUMP ASSEMBLIES
2G-3791A (Name changed to ITT Water & Wastewater AB) (Transferred to Xylem Dewatering Solutions, Inc.)	FLYGT CORP.	02/07/89	MODEL 3080.790 HT, ST & MT SUBMERSIBLE PUMP
2G-3794A (Name changed to ITT Water & Wastewater AB) Transferred to Xylem Dewatering Solutions, Inc.)	FLYGT CORP	02/13/89	MODEL 2084.050 LT, MT & HT SUBMERSIBLE PUMP
2G-3796A (Name changed to ITT Water & Wastewater AB ) Transferred to Xylem Dewatering Solutions, Inc.)	FLYGT CORP	02/22/89	MODEL 2400 460/575 VOLT, 3 PH, 60 HZ, AC, SUBMERSIBLE PUMP
2G-3827A (Name changed to ITT Water & Wastewater AB) Transferred to Xylem Dewatering Solutions, Inc.)	FLYGT CORP	10/17/89	MODEL 2151.050 HT/LT 460/575 VOLT, 3 PH, 60 HZ, AC SUBMERSIBLE PUMP
2G-3842A (Name changed to ITT Water & Wastewater AB ) Transferred to Xylem Dewatering Solutions, Inc.)	FLYGT CORP	02/08/90	MODEL 2135.590, 22 HP, 460/575V, 3 PH, 60 HZ, AC, PUMP ASSEMBLY
2G-3838A	UTAH POWER AND LIGHT MINING DIV TRANSFERRED TO 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 SCIENTIFIC	02/20/92	MODEL SP400 PERMISSIBLE SAMPLING PUMP
2G-3897	ENERGY WEST MINING COMPANY	03/24/92	MODEL 061891 HYDRAULIC PUMP MOTOR SYSTEM ASSEMBLY
2G-3901A	GORMAN RUPP CO	04/22/92	MODELS SM2F1, SM2F18 AND SM2F65 MINE PUMP
2G-3908A	GRINDEX PUMPS	05/13/92	MODEL MATADOR N/H OR MIDI N/H SUBMERSIBLE MINE PUMP
2G-3927A	CYPRUS PLATEAU MINING CORP	05/03/93	480 VAC PUMP SYSTEM
2G-3971A	GORMAN RUPP CO	11/22/94	SUBMERSIBLE MINE PUMP ASSEMBLIES
2G-3989A	GENWAL RESOURCES	06/19/95	MDL. 17071 460V, 3PH, 60HZ, A. C. PUMP SYSTEM
2G-3994A	GRINDEX PUMPS	09/28/95	460/575V, 3PH, 60HZ, A. C. PUMP SYSTEM
2G-4000A	PITTSBURG AND MIDWAY COAL CO.	01/26/96	MDL. PMNR-1 PUMP DISTRIBUTION SYSTEM
2G-4019/A	ABS PUMPS, INC. (Name changed to ABS Group AB) (Transferred to Sulzer Management AG)	08/14/96	MDLS. JUMBO: 10W MEX, 10 MEX, 20MEX, 50 MEX, 80 MEX, AND 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.	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	ITT FLYGT (Name changed to ITT Water & Wastewater AB) (Transferred to Xylem Dewatering Solutions, Inc.)	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 RESOURCES (Transferred to Warrior Met Coal Mining, LLC)	06/04/12	480 VOLT, ALTERNATING CURRENT PERMISSIBLE PUMP SYSTEM