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Shuttle Car Approvals

<u>APPROVAL NO.</u>	<u>COMPANY</u>	<u>ISSUE DATE</u>	<u>DESCRIPTION</u>
2G-2609	FAIRCHILD EQUIPMENT AND SUPPLY CO. (TRANSFERRED TO JOY GLOBAL)	03/28/73	REBUILT JOY 60E, 250VDC, WITH THREE 10HP MOTORS, SHUTTLE CAR
2G-2634	FOX ENTERPRISES	02/06/73	REBUILT 6SC, 250VDC, WITH THEE 7-1/2HP MOTORS, SHUTTLE CAR
2G-2639A	JOY MFG CO	02/13/73	TYPE 18SC6KKE/XKKE-12, 550VAC, 3PH, 60HZ, WITH TWO 15HP, TWO 10/5HP, AND ONE 10HP MOTORS, SHUTTLE CAR
2G-2663A	JOY MFG CO	07/02/73	TYPE 21SC56BKKE/BXKKE-1, 550VAC, 3PH, 60HZ, WITH TWO 30HP, ONE 25HP, AND ONE 10HP MOTORS, SHUTTLE CAR
2G-2720	JOY MFG CO	09/05/73	TYPE 21SC56BE/BXE-1, 250VDC, WITH THREE 20HP AND ONE 10HP MOTORS, SHUTTLE CAR
2G-2721A	JOY MFG CO	09/06/73	TYPE 18SC6PN/PXN-12, 500VAC, 3PH, 50HZ, WITH TWO 25/25HP, TWO 10/5HP AND ONE 10HP MOTORS, SHUTTLE CAR
2G-2759	FMC CORPORATION TRANSFERRED TO EIMCO-COAL MACH. DIV.	01/07/74	MODEL G24, 250BDC, WITH EIGHT 7-1/2HP MOTORS, SHUTTLE CAR
2G-2781	GOODMAN EQUIPMENT CORPORATION	05/22/74	TYPES 6632-100, 6632-101, 6636- 100 AND 6636-101, 250VDC, WITH EIGHT 8HP AND ONE 20HP MOTORS, SHUTTLE CAR
2G-2784	BLACK DIAMOND SERVICE COMPANY	04/12/74	REBUILT 18SC, 250VDC, WITH TWO 10HP AND TWO 7-1/2HP MOTORS, SHUTTLE CAR

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2G-2819A	NATIONAL MINE SERV. CO. TRANSFERRED TO EIMCO COAL MACH. DIV.	02/17/75	TYPE 48-36, 550 VAC, 3PH, 60HZ, WITH ONE 45/22.5HP MOTOR, "TORKAR" SHUTTLE CAR
2G-2864	BLACK DIAMOND	05/27/75	REBUILT JOY MANUFACTURING CO. 10SC, 250VDC, WITH THREE 10HP AND TWO 5HP MOTORS, SHUTTLE CAR
2G-2937	NATIONAL MINE SERVICE COMPANY TRANSFERRED TO EIMCO COAL MACHINERY DIV	04/27/76	TYPE 48, 250VDC WITH ONE 43HP MOTOR, "TORKAR" SHUTTLE CAR
2G-2988A	JOY MFG CO	09/11/76	TYPE 10SC12PN/PXN-11, 500VAC, 3PH, 50HZ, WITH THREE 10HP AND TWO 25HP MOTORS, SHUTTLE CAR
2G-2997A	CONSOLIDATION COAL CO., INC.	10/20/76	REBUILT NMS "TORKAR", 550VDC, WITH ONE 60HP MOTOR, SHUTTLE CAR
2G-3042A	NATIONAL MINE SERVICE COMPANY TRANSFERRED TO EIMCO COAL MACHINERY DIV	07/19/77	TYPE 48, 550VAC, 3PH, 60HZ, WITH ONE 50 OR 75HP, 550VDC AND ONE 15HP, VAC MOTORS, "TORKAR" SHUTTLE CAR
2G-3052	EIMCO COAL MACHINERY DIV	09/12/77	TYPE 28B, 250VDC, "TORKAR" SHUTTLE CAR WITH AND WITHOUT P.T.O.
2G-3070A	FMC CORPORATION TRANSFERRED TO EIMCO COAL MACHINERY DIV	12/14/77	MODEL 5L, 440VAC, 3PH, 60HZ, WITH ONE 30HP AND THREE 15HP MOTORS, SHUTTLE CAR

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2G-3098A	FMC CORPORATION TRANSFERRED TO EIMCO COAL MACHINERY DIV	07/19/78	MODEL 6L, 440/550VAC, 3PH, 60HZ, WITH ONE 30HP, ONE 15AC MOTOR AND TWO 15HP, 250VDC TRACTION MOTORS, SHUTTLE CAR
2G-3104A	DEPARTMENT OF ENERGY	11/13/78	TYPE MC-28 AND 36, 440/550 VAC, 3PH, 60HZ, WITH ONE 10HP, ONE 25HP, AND ONE (ALT.) 30HP, AC MOTORS AND TWO 30HP, 550VDC MOTORS, SHUTTLE CAR
2G-3118A	NATIONAL MINE SERVICE CO. TRANSFERRED TO EIMCO COAL MACHINERY DIV	11/14/78	TYPE MC-28 AND 36, 440/550VAC, 3PH, 60HZ, WITH ONE 10HP, ONE 25HP AND ONE 30HP, AC MOTORS, AND TWO 30HP, 550VDC MOTORS, SHUTTLE CAR
2G-3124A	JOY MFG CO	12/14/78	TYPE 18SC-17C, 440/550VAC, 3PH, 60HZ WITH ONE 25HP AND ONE 10HP, AC MOTORS AND TWO 20HP, 250VBDC TRACTION MOTORS, SHUTTLE CAR
2G-3125	JOY MFG CO	12/13/78	MODEL 21SC, 250VDC WITH THREE 20HP MOTORS, SHUTTLE CAR
2G-3154	JOY MFG CO	12/27/79	MODEL 10SC22A/B 250VDC WITH TWO 20, 30, OR 35HP TRACTION MOTORS, ONE 20, 30 OR 35HP CONVEYOR MOTOR AND ONE 13HP MOTOR, SHUTTLE CAR
2G-3162A	JEFFREY MINING MACHINERY	08/16/79	TYPES 430H1S-C AND 430H1T-C, 460VAC, 3PH, 60HZ WITH TWO 50HP AND ONE 25/12.5HP MOTOR, SHUTTLE CAR

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2G-3166A	JOY MFG CO	11/05/79	MODEL 10SC22, 440/550VAC, 3PH, 60HZ WITH TWO 40HP, ONE 25HP AND ONE 10HP MOTOR, SHUTTLE CAR
2G-3183A	FMC CORPORATION TRANSFERRED TO EIMCO COAL MACHINERY DIV	10/22/79	MODEL 10L, 440/550VAC, 3PH, 50/60HZ, SHUTTLE CAR
2G-3188A	JOY MFG CO	10/29/79	MODEL 21SC2A, 440/550VAC, 3PH, 60HZ WITH TWO 20HP, AND TWO (ALT) 30HP, 250VDC, AND ONE 25HP, ONE 10H AND ONE (ALT) 15HP AC MOTORS, SHUTTLE CAR
2G-3189	JOY MFG CO	10/29/79	MODEL 21SC2-B, 250VDC WITH TWO 20/30HP, ONE 20HP AND ONE 10/20HP MOTOR, SHUTTLE CAR
2G-3190A	JOY MFG CO	10/24/79	MODEL 10SC22-C, 660VAC, 3PH, 50HZ WITH TWO 30HP, 250VDC MOTORS, AND ONE 25/12.5HP AND ONE 15HP, AC MOTORS, SHUTTLE CAR
2G-3191A	JOY MFG CO	12/13/79	MODEL 10SC22-A/B, 440/550VAC, 3PH, 60HZ WITH ONE 25 OR 30HP, AND ONE 10 OR 15HP, AC MOTOR, AND TWO 20, 30, OR 35HP, 250 VDC TRACTION MOTORS, SHUTTLE CAR
2G-3198A	JOY MFG CO	11/21/79	MODEL 21SC-A, 440/550VAC, 3PH, 60HZ WITH ONE 25HP, AC MOTOR, AND TWO 20HP, 250VDC MOTORS, SHUTTLE CAR

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2G-3210	JOY MFG CO	02/22/80	MODEL 10SC22 "C", 250VDC WITH TWO 30 OR 35HP, ONE 30HP AND ONE 13 OR 20HP PUMP MOTORS, SHUTTLE CAR
2G-3211A	JOY MFG CO	04/10/80	MODE L10SC22C, 440/550VAC, 3PH, 60HZ WITH TWO 35HP, 250VDC MOTORS, AND ONE 30HP, AND ONE 15HP, AC MOTORS, SHUTTLE CAR
2G-3220A	JOY MFG CO	05/12/80	MOEL 10SC22-D, 440/550VAC, 3PH, 60HZ WITH ONE 25 OR 30HP, AND ONE 1 OR 15HP, AC MOTORS AND TWO 30 OR 35HP, 250VDC MOTORS, SHUTTLE CAR
2G-3222A	JOY MFG CO	04/22/80	MODEL 21SC2B/21SCB, 440/550VAC, 3PH, 60HZ WITH TWO 30HP, 250VDC MOTORS, AND ONE 25HP, AND ONE 15HP, AC MOTORS, SHUTTLE CAR
2G-3224	JOY MFG CO	04/07/80	MODEL 21SC2A, 250VDC WITH TWO 20/30HP, ONE 12HP AND ONE 13/20HP MOTORS, SHUTTLE CAR
2G-3226A	JOY MFG CO	04/22/80	MODEL 18SC17A, 440/550VAC, 3PH, 60HZ WITH TWO 20HP, 250VDC MOTORS, AND ONE 25HP AND ONE 15HP, AC MOTORS, SHUTTLE CAR
2G-3262	JOY MFG CO	09/11/80	MODEL 18SC17C, 250VDC WITH THREE 20HP AND ONE 13 OR 20HP MOTORS, SHUTTLE CAR
2G-3278	JOY MFG CO	12/08/80	MODEL 18SC17A, 250VDC WITH TWO 20HP, ONE 12HP AND ONE 13 OR 20HP MOTORS, SHUTTLE

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2G-3368A	SKAGGS ENTERPRISES, INC	02/10/82	MODEL REUILIT 16/SC, 440VAC, 3PH, 60HZ WITH ONE 24HP AND ONE 10/5HP AC MOTORS AND TWO 15HP, 250VDC TRACTIONS MOTORS, SHUTTLE CAR
2G-3402A	JOY MFG CO	06/29/82	MODEL 10SC22, 440/550VAC, 3PH, 60HZ WITH ONE 25HP, ONE (ALT) 30HP, ONE 15HP, AC MOTORS, AND ONE 30HP, ONE (ALT) 35HP, AND ONE (ALT) 20HP, DC MOTORS, SHUTTLE CAR
2G-3432	PYRO MINING CO	09/17/82	REBUILT JOY 21SC, 250VDC WITH THREE 25HP MOTORS, SHUTTLE CAR
2G-3434	BLUE DIAMOND MINING, INC	09/23/82	REBUILT JOY 6SC, 250VDC WITH THREE 7-1/2HP MOTORS, SHUTTLE CAR
2G-3467	JOY MFG CO	04/06/83	MODEL 21SC, 250VDC WITH TWO 20 OR 30HP AND TWO 20HP MOTORS, SHUTTLE CAR
2G-3492	JOY MFG CO	07/15/83	TYPE 21SC2A, 250VDC WITH TWO 20/3ONE 13HP AND ONE 20HP MOTORS, SHUTTLE CAR
2G-3514	JOY MFG CO	12/08/83	MODEL 10SC22, 250VDC, SHUTTLE CAR
2G-3540A	JOY MFG CO	05/17/84	MODEL 21SC, 440/550VAC, 3PH, 60HZ, SHUTTLE CAR
2G-3542A	JOY MFG CO	05/23/84	MODEL 10SC, 440/550VAC, 3PH, 60HZ, SHUTTLE CAR
2G-3543	JOY MFG CO	05/23/84	MODEL 21SC, 250VDC, SHUTTLE CAR
2G-3560A	JOY MFG CO	08/15/84	MODEL 21SC, 440/550VAC, 3PH,

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			60HZ, SHUTTLE CAR
2G-3566	JOY MFG CO	08/31/84	MODEL 21SC, 250VAC, SHUTTLE CAR
2G-3569	JOY MFG CO	09/13/84	MODEL 10SC, 250VDC, SHUTTLE CAR
2G-3576	JOY MFG CO	11/05/84	MODEL 21SC, 250VDC, SHUTTLE CAR
2G-3577A	JOY MFG CO	11/20/84	MODEL 21SC, 440/550VAC, 3PH, 60HZ, SHUTTLE CAR
2G-3587A	JOY MFG CO	01/18/85	MODEL 21SC, 440/550V, 3PH, 60HZ, AC, SHUTTLE CAR
2G-3588A	JOY MFG CO	01/18/85	MODEL 10SC, 440/550V, 3PH, 60HZ, AC, SHUTTLE CAR
2G-3589	EIMCO COAL MACHINERY DIV	01/23/85	TYPE MCD OR 48D, 250V, SHUTTLE CAR
2G-3593A	JOY MFG CO	02/05/85	MODEL 10SC, 950VAC, 3PH, 50HZ, WITH TWO 250VDC TRACTION MOTORS, SHUTTLE CAR
2G-3595	JOY MFG CO	02/19/85	MODEL 21SC, 250VDC, WITH OPTIONAL GROUNDING DIODE, SHUTTLE CAR
2G-3604	JOY MFG CO	03/27/85	MODEL 21SC, 250VDC, WITH OPTIONAL GROUNDING DIODE, SHUTTLE CAR
2G-3618A	JOY MFG CO	05/24/85	MODEL 21SC, 440/550VAC, 3PH, 60HZ, SHUTTLE CAR
2G-3619A	JOY MFG CO	05/30/85	MODEL 10SC, 440/550VAC, 3PH, 60HZ, SHUTTLE CAR
2G-3620	JOY MFG CO	05/30/85	MODEL 10SC, 250VDC, SHUTTLE CAR

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2G-3625A	JOY MFG CO	06/14/85	MODEL 21SC, 440/550VAC, 3PH, 60HZ, SHUTTLE CAR
2G-3637A	JOY MFG CO	08/28/85	MODEL 21SC, 440/550VAC, 3PH, 60HZ, SHUTTLE CAR
2G-3645A	JOY MFG CO	11/08/85	MODEL 10SC, 440/550VAC, 3PH, 60HZ, WITH TWO 250VDC, 12SCR DRIVE, TRACTION MOTORS, SHUTTLE CAR
2G-3656A	JOY MFG CO	02/14/86	MODEL 10SC, 440/500VAC, PH, 60HZ, SHUTTLE CAR
2G-3669A	JOY MFG CO	06/19/86	MODEL 10SC, 440/550VAC, 3PH, 60HZ, WITH TWO TRACTION MOTORS, 20, 30 OR 35HP, 250VDC, SHUTTLE CAR
2G-3683A	JOY MFG CO	10/02/86	MODEL 21SC, 950V, 3PH, 50HZ, ALTERNATE CURRENT, SHUTTLE CAR WITH TWO 250VDC TRACTION MOTORS
2G-3688A	JOY MFG CO	10/21/86	MODEL 10SC, 440/550V, 3PH, 60HZ, ALTERNATE CURRENT, SHUTTLE CAR
2G-3761A	JOY MFG CO	06/24/88	MODEL 10SC, 950V, 3PH, 50/60HZ, AC, SHUTTLE CAR
2G-3935A	JOY TECHNOLOGIES	08/06/93	MODEL 10SC, 950V, 3PH, 60HZ, SHUTTLE CAR
2G-3936	PHILLIPS MACHINE (TRANSFERRED TO PHILLIPS GLOBAL)	08/31/93	MODEL PMS21SC, 250V, SHUTTLE CAR
2G-3948A	JOY TECHNOLOGIES	11/17/93	MODEL 10SC, 950V, 3PH, 60HZ, SHUTTLE CAR
2G-3974A	JOY TECHNOLOGIES	12/23/94	MODEL 21SC, 950V, 3PH, 60HZ, SHUTTLE CAR
2G-4029A	JOY MINING MACH.	04/22/97	MODEL 10SC, 440/550V, 3PH, 60HZ, SHUTTLE CAR

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2G-4074A	PHILLIPS MACHINE (TRANSFERRED TO PHILLIPS GLOBAL)	06/25/99	MODEL PM2110 SHUTTLE CARE
2G-4079A	JOY MINING MACH.	08/13/99	MODEL 10SC, 950V, 3PH, 60HZ, SHUTTLE CAR
2G-4088A	JOY MINING MACH.	12/23/99	MODEL 10SC, 950V, 3PH, 60HZ, SHUTTLE CAR
2G-4111	PHILLIPS MACHINE (TRANSFERRED TO PHILLIPS GLOBAL)	09/12/01	MODEL FREEDOM CAR, 128VDC BATTERY POWERED SHUTTLE CAR
2G-4163A	JOY MINING MACH.	08/27/03	440/550VAC, 3PH, 60HZ, SHUTTLE CAR
18-A050007	SAMINCO	09/19/05	MODEL SC950, ALTERNATING CURRENT SHUTTLE CAR
18-A060005	NARCO	02/14/06	MODEL NI2110, DIRECT SHUTTLE CAR
18-A060007	NARCO	04/13/06	MODEL NI2110, DIRECT SHUTTLE CAR
18-A060012	HIGHLAND MACHINERY CORP.	05/17/06	MODEL 10/21K AC SHUTTLE CAR
18-A060017	VOEST-ALPINE	06/13/06	MODEL ASC18 SHUTTLE CAR
18-A060019	MAXXIM RE BUILD CO.	06/29/06	21SC04, SHUTTLE CAR
18-A060023	C.A.I. INDUSTRIES	08/03/06	CAI-2064, SHUTTLE CAR
18-A060025	C.A.I. INDUSTRIES	09/05/06	CAI-DC 6400, DIRECT SHUTTLE CAR
18-A070004	MONTGOMERY EQUIPMENT	03/20/07	MODEL MoEqCo-SC, 250V, DIRECT CURRENT SHUTTLE CAR

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18-A070007	SAMINCO ELECTRIC TRACTION DRIVES	04/20/07	MODEL SC950, 250V, DIRECT CURRENT SHUTTLE CAR
18-A070013	HIGHLAND MACHINERY CORP.	08/01/07	MODEL 10/21K SHUTTLE CAR ASSEMBLED ACCORDING TO ELECTRICAL LAYOUT HMSC- LO951
18-A080011	MONTGOMTERY EQUIPMENT COMPANY INC.	08/12/08	MODEL MoEqCo-SC, AC SHUTTLECAR, ASSEMBLED ACCORDING TO ELECTRICAL LAYOUT LO-SC-2
18-A090003	FRANCIS ENTERPRISES	03/31/09	MODEL FEI-10CH SHUTTLE CAR
18-A100012	MINE WELD & REPAIR	05/27/10	MODEL MWR-101SC ALTERNATING CURRENT SHUTTLE CAR
18-A110012	PHILLIPS MACHINE (TRANSFERRED TO PHILLIPS GLOBAL)	11/09/11	MODEL PMFV-AC, 440, 550, 950 VOLT, 3 PHASE, 60 HERTZ, ALTERNATING CURRENT SHUTTLE CAR
18-A110013	PHILLIPS MACHINE (TRANSFERRED TO PHILLIPS GLOBAL)	11/09/11	MODEL PMFV-DC, 550 VOLT, DIRECT CURRENT SHUTTLE CAR
18-A120003	MAXXIM REBUILD CO.	07/27/12	MODEL 10SC/21SC, 440/550 VOLT, 3 PH, 60 HZ, ALTERNATING CURRENT SHUTTLE CAR
18-A140011	JOY GLOBAL	08/14/14	MODEL 10SC32, 550 VOLT DC SHUTTLE CAR
18-A140012	AMERICAN EQUIP & MACHINE INC.	10/24/14	MODEL MSCDC, 250/550 VOLT DC SHUTTLE CAR
18-A160003	AMERICAN EQUIP & MACHINE INC.	03/08/16	MODEL MSC-AC, 440/550 VOLT, 60 HERTZ, SHUTTLE CAR

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