



NIOSH Reference: TN-16121
Mfr. Reference: MSA0825

Centers for Disease Control
and Prevention (CDC)
National Institute for Occupational
Safety and Health (NIOSH)
National Personal Protective
Technology Laboratory (NPPTL)
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March 23, 2009

Ms. Katie Davis, Approvals Coordinator
Safety Products Division
Mine Safety Appliances Company
PO Box 439
Pittsburgh, Pennsylvania 15230



Dear Ms. Davis:

The National Institute for Occupational Safety and Health (NIOSH) has reviewed your request dated January 9, 2009. This request was for approval of the new Advantage 420 Half Mask Air Purifying Respirator (APR) with various particulate filters, chemical cartridges, and combination chemical and particulate cartridges as described on the assembly matrix 3102-584AM_r0.xls.

This request is granted. Approvals are granted only for documentation written in the English language. It is the manufacturer's responsibility to correctly translate materials desired in languages other than English. The approval numbers have been assigned as shown in the following table:

APPROVAL NUMBER TC- AS SHOWN	DESCRIPTION	CARTRIDGE/ FILTER	PROTECTION ¹
84A-4992	Advantage 420 Half Mask Air Purifying Respirator	814921 or 814922	P100
84A-4993	Advantage 420 Half Mask Air Purifying Respirator	815303	P100
84A-4994	Advantage 420 Half Mask Air Purifying Respirator	816291	N95

23C-2451	Advantage 420 Half Mask Air Purifying Respirator	459315 or 815141	OV
84A-4995	Advantage 420 Half Mask Air Purifying Respirator	815141 / 814628	N95/OV
84A-4996	Advantage 420 Half Mask Air Purifying Respirator	815141 / 814627	R95/OV
84A-4997	Advantage 420 Half Mask Air Purifying Respirator	814923	P100/OV
84A-4998	Advantage 420 Half Mask Air Purifying Respirator	815145 or 814926	P100/OV
84A-4999	Advantage 420 Half Mask Air Purifying Respirator	459315 / 816291	N95/OV
84A-5000	Advantage 420 Half Mask Air Purifying Respirator	459315 / 816285	R95/OV
23C-2452	Advantage 420 Half Mask Air Purifying Respirator	815142 or 459316	CL/HC/SD/CD/ HS(escape)
84A-5001	Advantage 420 Half Mask Air Purifying Respirator	814925	P100/CL/HC/SD/CD/ HS(escape)
84A-5002	Advantage 420 Half Mask Air Purifying Respirator	815146	P100/CL/HC/SD/CD/ HS(escape)
84A-5003	Advantage 420 Half Mask Air Purifying Respirator	815142 / 814628	N95/CL/HC/SD/CD/ HS(escape)

84A-5004	Advantage 420 Half Mask Air Purifying Respirator	815142 / 814627	R95/CL/HC/SD/CD/ HS(escape)
84A-5005	Advantage 420 Half Mask Air Purifying Respirator	459316 / 816291	N95/CL/HC/SD/CD/ HS(escape)
84A-5006	Advantage 420 Half Mask Air Purifying Respirator	459316 / 816285	R95/CL/HC/SD/CD/ HS(escape)
23C-2453	Advantage 420 Half Mask Air Purifying Respirator	815139 or 459317	OV/CL/HC/SD/CD/ HS(escape)
84A-5007	Advantage 420 Half Mask Air Purifying Respirator	814902	P100/OV/CL/HC/SD/ CD/HS(escape)
84A-5008	Advantage 420 Half Mask Air Purifying Respirator	815140 or 814916	P100/OV/CL/HC/SD/ CD/HS(escape)
84A-5009	Advantage 420 Half Mask Air Purifying Respirator	815139 / 814628	N95/OV/CL/HC/SD/CD /HS(escape)
84A-5010	Advantage 420 Half Mask Air Purifying Respirator	815139 / 814627	R95/OV/CL/HC/SD/CD /HS(escape)
84A-5011	Advantage 420 Half Mask Air Purifying Respirator	459317 / 816291	N95/OV/CL/HC/SD/CD /HS(escape)
84A-5012	Advantage 420 Half Mask Air Purifying Respirator	459317 / 816285	R95/OV/CL/HC/SD/CD /HS(escape)
23C-2454	Advantage 420 Half Mask Air Purifying Respirator	815143 or 459318	AM/MA

84A-5013	Advantage 420 Half Mask Air Purifying Respirator	814924	P100/AM/MA
84A-5014	Advantage 420 Half Mask Air Purifying Respirator	815147	P100/AM/MA
84A-5015	Advantage 420 Half Mask Air Purifying Respirator	815143 / 814628	N95/AM/MA
84A-5016	Advantage 420 Half Mask Air Purifying Respirator	815143 / 814627	R95/AM/MA
84A-5017	Advantage 420 Half Mask Air Purifying Respirator	459318 / 816291	N95/AM/MA
84A-5018	Advantage 420 Half Mask Air Purifying Respirator	459318 / 816285	R95/AM/MA
84A-5019	Advantage 420 Half Mask Air Purifying Respirator	814903	P100/OV
84A-5020	Advantage 420 Half Mask Air Purifying Respirator	815638	P100/OV
23C-2455	Advantage 420 Half Mask Air Purifying Respirator	815144	MV/CL
84A-5021	Advantage 420 Half Mask Air Purifying Respirator	814905	P100/MV/CL
84A-5022	Advantage 420 Half Mask Air Purifying Respirator	815148	P100/MV/CL

