

§ 57.22607

(e) Blast holes shall be stemmed with a noncombustible material in an amount to confine the explosive charge. Breakthrough holes shall be stemmed at both ends.

(f) Mudcaps or other nonapproved unconfined shots shall not be blasted.

(g)(1) Blasting units shall be approved by MSHA under 30 CFR part 25; or

(2) Blasting units used to fire more than 20 detonators shall provide at least 2 amperes through each detonator but not more than an average of 100 amperes through one ohm for 10 milliseconds, and provide the necessary current for at least the first 5 milliseconds with a cutoff not to exceed 10 milliseconds.

[52 FR 24941, July 1, 1987, as amended at 52 FR 41397, Oct. 27, 1987]

§ 57.22607 Blasting on shift (III mines).

When blasting on shift, tests for methane shall be made in the mine atmosphere by a competent person before blasting. Blasting shall not be done when 1.0 percent or more methane is present.

§ 57.22608 Secondary blasting (I-A, II-A, and V-A mines).

Prior to secondary blasting, tests for methane shall be made in the mine atmosphere at blast sites by a competent person. Secondary blasting shall not be done when 0.5 percent or more methane is present.

APPENDIX I TO SUBPART T OF PART 57— STANDARD APPLICABILITY BY CATEGORY OR SUBCATEGORY

Subcategory I-A

57.22101	57.22222
57.22103	57.22224
57.22201	57.22227
57.22202	57.22228
57.22204	57.22229
57.22205	57.22234
57.22206	57.22237
57.22207	57.22301
57.22208	57.22302
57.22211	57.22306
57.22214	57.22401
57.22215	57.22501
57.22217	57.22601
57.22220	57.22608
57.22221	

57.22201
57.22202
57.22217
57.22222
57.22227

57.22102
57.22104
57.22106
57.22201
57.22202
57.22203
57.22209
57.22210
57.22212
57.22216
57.22217

57.22101
57.22103
57.22201
57.22202
57.22204
57.22205
57.22206
57.22207
57.22208
57.22212
57.22214
57.22215
57.22219
57.22220

57.22201
57.22227
57.22231
57.22232

57.22101
57.22103
57.22201
57.22202
57.22204
57.22205
57.22206
57.22207
57.22208
57.22213
57.22214
57.22215
57.22218
57.22220

57.22105
57.22201

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Subcategory I-B

57.22231
57.22232
57.22234
57.22238
57.22401
57.22501

Subcategory I-C

57.22222
57.22225
57.22227
57.22228
57.22233
57.22235
57.22241
57.22303
57.22310
57.22313
57.22501
57.22602

Subcategory II-A

57.22221
57.22222
57.22227
57.22228
57.22230
57.22232
57.22235
57.22301
57.22304
57.22307
57.22311
57.22312
57.22501
57.22603
57.22608

Subcategory II-B

57.22235
57.22238
57.22501
57.22604

Category III

57.22221
57.22222
57.22223
57.22224
57.22227
57.22228
57.22229
57.22234
57.22237
57.22305
57.22308
57.22501
57.22606
57.22607

Category IV

57.22226
57.22227