

ISO 22932-5:2023-06 (E)

Mining - Vocabulary - Part 5: Drilling and blasting

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
3.1 Rock drilling concepts.....		1
3.2 Rock drilling technologies.....		3
3.3 Bore holes, bench and cuttings.....		4
3.4 Hole properties.....		5
3.5 Rock reinforcement methods.....		5
3.6 Hand-held machines.....		6
3.7 Equipment mainly for hand-held machines.....		7
3.8 Rigs.....		8
3.9 Support components and systems.....		9
3.10 Rock drilling and rock reinforcement units.....		10
3.11 Drill bits.....		11
3.12 Chuck.....		13
3.13 Drill string.....		13
3.14 Rod and bit handling systems.....		16
3.15 Rock support components.....		16
3.16 Movement and force.....		17
3.17 Drill rig winch and hoist.....		19
3.18 Flushing.....		19
3.19 Drill dust suppression.....		20
3.20 Rock drill rig operator station.....		20
3.21 Rock drill rig operation modes.....		22
3.22 Charging loading - explosive loading.....		22
3.23 Cuts.....		25
3.24 Detonation.....		27
3.25 Explosive.....		29
3.26 Primer.....		34
3.27 Firing.....		34
3.28 Fuses.....		36
3.29 Shotfiring.....		37
3.30 Blasting.....		37
Bibliography		45
Index		47