



NAVBHARAT EXPLOSIVES CO. PVT. LTD

COMPANY PROFILE

NAVBHARAT EXPLOSIVES CO. P. LTD.

IS IN THE FIELD OF MANUFACTURING EXPLOSIVES SINCE 1983. THE COMPANY INSTALLED IT'S PLANT WITH INDIGENOUS TECHNOLOGY. NEC, WITH IT'S OWN R & D BACK - UP BROUGHT ITS PRODUCT AND UPDATED THEM AS PER THE NEED OF USERS. TODAY COMPANY OFFERS FULL RANGE OF COST EFFICIENT EXPLOSIVES WITH PROVEN RESULTS. EXCELLENT PERFORMANCE, STABLE GEL CONSISTENCY, DESIRED WATER RESISTANCE AND INCREASED SAFETY ARE THE PROPERTIES THAT HAVE MADE BHARAT BRAND EXPLOSIVES HIGHLY ACCEPTABLE IN OPEN CAST MINING & CONSTRUCTION ACTIVITIES. WE HAVE ALSO ADDED IN OUR RANGE OF PRODUCTS SITE MIXED EMULSION SYSTEM IN LINE WITH LATEST TECHNOLOGY.

PRODUCTS

BHARAT TOE BHARAT PRIME

LARGE DIA CAP SENSITIVE ALUMINISED WATER GEL PRIMERS. THEY RELEASE MAXIMUM EXPLOSIVE ENERGY TO GIVE OPTIMUM BLAST-ING RESULTS AND MAXIMUM OPERATIONAL ECONOMY WHEN USED IN COMBINATION WITH BHARAT BASE AND BHARAT COLUMN. MAKE AN EFFECTIVE COLUMN CHARGE IN ASSOCIATION WITH BHARAT BASE OR BHARAT COLUMN.

BHARAT BASE

LARGE DIA NON CAP SENSITIVE WATER GEL EXPLOSIVES FOR BASE AND COLUMN CHARGE. BHARAT BASE IS AN ALUMINISED HIGH STRENGTH, HIGH VOD AND HIGH ENERGY BASE CHARGE EXPLOSIVE. THIS CAN BE EFFECTIVELY USED IN COMBINATION WITH BHARAT TOE FOR VERY HARD STRATA AND IN ADVERSE CONDITIONS, PARTICULARLY IN REMOVING TOE PROBLEMS. BHARAT BASE CAN ALSO BE BOOSTERED WITH BHARAT PRIME FOR EFFECTIVE BLASTING RESULTS IN HARD ROCK.

BHARAT COLUMN

LARGE DIA ALUMINISED, NON-CAPSENSITIVE WATER GEL EXPLOSIVES FOR BASE AND COLUMN CHARGE. EXCELLENT COLUMN CHARGE WHEN USED IN COMBINATION WITH BHARAT TOE OR BHARAT PRIME FOR ALL TYPES OF STRATA.

THEY CAN ALSO BE USED SAFELY IN HOT HOLES ENCOUNTERED IN OPEN CAST COAL MINES.

BHARAT MITE

LARGE DIA NON-CAP SENSITIVE LOW DENSITY POWDER EXPLOSIVE FOR COLUMN CHARGE , IN MEDIUM HARD STRATA. IN COMBINATION WITH EITHER BHARAT TOE OR BHARAT PRIME. IT IS EFFECTIVE AND ECONOMICAL. IT IS ALSO USEFUL IN BOREHOLES WHERE GOOD COLUMN BUILD - UP IS REQUIRED.

BHARAT BLAST 80

BHARAT BLAST 60

SMALL DIA ALUMINISED CAPSENSITIVE WATER GEL EXPLOSIVES. THEY ARE POWERFUL EXPLOSIVES WITH TYPICAL CHARACTERISTICS OF MAXIMUM ENERGY CONCENTRATION. THEY ARE HIGHLY SUITABLE FOR EFFECTIVE SMALL DIA BLASTING IN OPEN CAST AS WELL AS UNDERGROUND METAL MINES. THEY ARE ALSO SUITED FOR TUNNELING, WELL SINKING AND OTHER GENERAL APPLICATIONS. THEY ARE HIGHLY WATER RESISTANT, GIVE EXCELLENT PRAGMENTATION ASSOCIATED WITH HIGH DEGREE OF SAFETY FROM MECHANICAL IMPACTS AND FRICTION.

SITE MIXED EXPLOSIVE

STRAIGHT EMULSION AND HEAVY ANFO EXPLOSIVES FOR ON SITE BORE HOLE LOADING IN OPEN CAST MINING. GIVES HUNDRED PERCENT BORE HOLE COUPLING FOR MOST EFFECTIVE UTILISATION OF ENERGY. NON CAP SENSITIV EXPLOSIVE INITIATED EITHER BY PRIMERS OR BOOSTERS. OUR PUMP ABLE EMULSION IS ALUMINISED AND WATER IN OIL TYPE. DENSITY CAN BE VARIED AT SITE DEPENDING UPON PARAMETERS AND STRATA CONDITION TO GIVE THE BEST RESULTS.

TECHNICAL SPECIFICATIONS

PRODUCT	DENSITY (GM/CC)	VOD (UNCONFINED) (Mts/Sec.)	SHELF LIFE	WATER RESISTANCE	SENSITIVITY	CARDTIDGE COLOUR CODE
BHARAT TOE BHARAT PRIME	1.15 - 1.25 1.10 - 1.20	4200 (± 200) 4000 (± 200)	6 MONTHS 6 MONTHS	EXCELLENT EXCELLENT	NO. 6 STRENGTH DETONATOR AND DETONATING FUSE	RED
BHARAT BASE	1.15 - 1.25	4000 (± 200)	6 MONTHS	EXCELLENT	BOOSTER/PRIMER	BLUE
BHARAT COLUMN	1.05 - 1.22	3800 (± 200)	6 MONTHS	EXCELLENT	BOOSTER/PRIMER	WHITE
BHARAT_MITE	0.80 - 0.90	2800 (± 200)	6 MONTHS	FOR DRY AND MOIST HOLES	BOOSTER/PRIMER	BLUE
BHARAT BLAST 60	1.10 - 1.20	3400 (± 200)	6 MONTHS	EXCELLENT	NO. 6 STRENGTH DETONATOR & DETONATING FUSE	NATURAL POLYTHENE COLOUR
BHARAT BLAST 80	1.15 - 1.25	3800 (± 200)	6 MONTHS	EXCELLENT	NO. 6 STRENGTH DETONATOR & DETONATING FUSE	NATURAL POLYTHENE COLOUR
BHARAT SHAKTI	1.00 - 1.20	4000 ± 200	SITE MIXED	EXCELLENT	BOOSTER/PRIMER	STRAIGHT EMULSION
BHARAT SUPER	1.00 - 1.12	3500 ± 200	SITE MIXED	FOR DRY AND MOIST HOLES	BOOSTER/PRIMER	HEAVY ANFO

PACKAGING

LARGE DIA EXPLOSIVES

WATER GEL AND POWDER EXPLOSIVES ARE PACKED IN STURDY POLYTHENE BAGS, CLIPPED WITH ALUMINISED CLIPS OR RUBBER BANDS ON BOTH ENDS. THESE CARTRIDGES, INTURN, ARE PACKED IN CORRUGATED FIBRE BOARD BOXES. NET WEIGHT OF EXPLOSIVE PACKED IN EACH BOX IS 25 KG. THE CARTRIDGES ARE SUPPLIED IN STANDARD DIA AS UNDER

CARTRIDGE DIA(MM)	WEIGHT PER CARTRIDGE IN KG	CARTRIDGE COUNT PER CASE OF 25 KG NET
83 MM	2.78	9
125 MM	6.25	4
200 MM	12.50	2

SMALL DIA EXPLOSIVES

THEY ARE PACKED IN STURDY POLYTHENE TUBES OF 25 MM DIA. EACH CARTRIDGE WEIGHS 140 GMS. CARTRIDGES ARE TUCKED AT ONE END AND HEAT SEALED AT THE OTHER END. THEY ARE PACKED AND SUPPLIED IN CORRUGATED FIBREBOARD BOXES. EACH BOX CARRIES NET 25 KG OF EXPLOSIVES. NUMBER OF CARTRIDGES IN EACH BOX IS 172 TO 185 NOS.

NOTE : FOR BEST RESULTS "FIRST COME FIRST SERVE" CONCEPT IN USAGE OF EXPLOSIVES IS ADVISABLE.

EXCEPTING THAT THE PRODUCT WILL BE OF MERCHANTABLE QUALITY NO WARRANTY OF ANY KIND IS GIVEN. THE MANUFACTURER SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL DAMAGES OR EXPENSES, UNDER ANY CIRCUMSTANCES.

NAVBHARAT EXPLOSIVES CO. PVT. LTD.

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FIELD OFFICES

BILASPUR

AREA GENERAL MANAGER
NAVBHARAT EXPLOSIVES CO. PVT. LTD.
'MAMTA', CHANDELA SOCIETY, SEEPAT ROAD
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PHONE : 24405
GRAM : EXPLODE

NAGPUR

M/S AKSHAY EXPLOSIVES
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RAMGARH

M/S OM SERVICES
NAVBHARAT EXPLOSIVES CO. PVT. LTD.
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DHANBAD

M/S KHAITAN & SONS
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