

## Mine Bell Signs

by Ted Bobrink

The Nevada state mine bell signs like the one illustrated to the right was issued by the Nevada Bureau of Mines free for the asking to any mining company that required them.

Printed on cloth, the lettering is black on a white background. They are 26" long and 13" wide. The name of the inspector of Mines is found in the lower right hand corner and can be used to give the approximate age of the sign. The Nevada Inspectors of Mines and their terms of office are as follows.

Ryan	1909-1916
Stinson	1917-1934
Murphy	1935-1946
Bernard	1947-1950
Gallagher	1951-1970

# CODE OF MINE SIGNALS STATE OF NEVADA

## BELL SIGNAL CODE

1 Bell - - - - Hoist  
1 Bell - Stop (if in motion)  
2 Bells - - - - Lower  
3 Bells - Men on, run slow

When men are to be hoisted or lowered, give the signal for "men on, run slow" (3 bells). Men must then get on cage or bucket, then give the signal to hoist or lower (1 or 2 bells).

4 bells: Blasting signal; engineer must answer by raising bucket a few feet and letting it back slowly; then 1 bell; hoist the men away from blast.

9 bells: Danger signal; (in case of fire or other danger); then ring number of station where danger exists.

Engineer must slow up when passing stations when men are on the cage.

## STATION BELLS

First Station	- -	2-1 Bells
Second	" - -	2-2 "
Third	" - -	2-3 "
Fourth	" - -	2-4 "
Fifth	" - -	2-5 "
Sixth	" - -	3-2 "
Seventh	" - -	3-3 "
Eighth	" - -	3-4 "
Ninth	" - -	3-5 "
Tenth	" - -	4-1 "
Eleventh	" . .	4-2 "
Twelfth	" . .	4-3 "
Thirteenth	" . .	4-4 "
Fourteenth	" . .	4-5 "
Fifteenth	" . .	5-1 "

## WHERE ELECTRIC BELLS OR FLASHLIGHTS ARE USED IN CONNECTION WITH OTHER BELLS

If cage is wanted, ring or flash station signal. Station tender will answer 1 bell or flash. Reply 1 bell or flash to go up. Reply 2 bells or flashes to go below.

If station is full of ore and station tender is wanted, ring or flash station signal and do not answer back.

2-1-2 bells or flashes: signifies engineer or station tender does not understand; repeat signal.

In case of danger or accident, ring or flash station signal; station tender will reply 1 bell or flash; then ring 9 bells or flash 9 times.

Signals not in conflict with the above code may be used to meet local conditions, but the same must be posted in connection with the above code.

One copy of this code should be posted on the gallows frame, one before the engineer and one at each station.

MERVIN J. GALLAGHER,  
INSPECTOR OF MINES.