

Mine Fire Signal Sign

by Dave Johnson

As in all mines where wood timbering is heavily utilized, the danger of fire was always a concern. The pictured sign was used at the Ashland Iron Company's Yale Mine in Bessemer, Michigan, on the Gogebic Iron Range. The content of the sign speaks for itself. It measures 15 X 15.5 inches and is red on white porcelain. The manufacturer was Standard Signs, Inc. of Cleveland, Ohio.

MINE FIRE SIGNALS

ALL MEN MUST ATTEMPT TO LEAVE THE MINE WHEN —

- 1-THE ODOR OF STENCH FROM THE AIRLINE OR AIR COURSE IS PRESENT IN THE AIR.
- 2-THE LIGHTS ARE FLASHED 9 OR MORE TIMES AT ABOUT 5 SECOND INTERVALS.

BE PREPARED IN ADVANCE

FIND OUT HOW THE AIR ENTERS AND LEAVES YOUR WORKING PLACE.
ASK YOUR FOREMAN ABOUT THE MEANS OF ESCAPE FROM YOUR WORKING PLACE, AND ABOUT MINE OUTLETS.
AFTER A FIRE SIGNAL IS GIVEN, AND YOU FIND SMOKE IN YOUR AIR COURSE, FOLLOW THE SMOKE AND LOOK FOR OTHER FRESH AIR ESCAPEWAYS. IF THERE ARE NONE, THE UPCAST SHAFT WILL GENERALLY BE THE BEST MEANS OF ESCAPE. TRY TO TRAVEL ONLY IN FRESH AIR TO AN ESCAPEWAY.
IF SMOKE IS NOT PRESENT IN YOUR AIR COURSE, YOU ARE ON THE FRESH AIR SIDE OF THE FIRE. ONCE IN FRESH AIR DO NOT ENTER A SMOKY SECTION, EITHER REMAIN THERE IF THERE IS NO MEANS OF ESCAPE, OR FOLLOW THE FRESH AIR BACK TO THE ESCAPEWAY FROM THE MINE.
IF YOU ARE IN A DEAD END DRIFT OR SLICE AND CANNOT GET INTO THE AIR COURSE BECAUSE OF HEAVY SMOKE, SHUT DOWN YOUR SMALL FAN AND TURN ON THE COMPRESSED AIR FOR VENTILATION. WALL UP THE ENTRANCE WITH A BARRICADE MADE AS AIRTIGHT AS POSSIBLE, AND REMAIN IN THE PLACE UNTIL HELP ARRIVES. TIE OR BLOCK THE VENT TUBE IF YOU CANNOT REACH THE FAN, TO KEEP SMOKE OUT OF YOUR PLACE.

WARNING

IT IS IMPORTANT THAT THE VENTILATION CIRCUITS REMAIN UNCHANGED WHILE MEN ARE IN THE MINE.
DO NOT TAMPER WITH MAIN FAN.
DO NOT ALTER THE POSITION OF VENTILATION OR FIRE DOORS WHEN LEAVING MINE.

New Name in Oil Wick Lamps:

B Frostberg

by Dave Johnson

The list of oil wick brand names continues to grow. The latest addition to this ever growing list is the pictured B FROSTBERG face lamp. Measuring 1-15/16" to the top of the cap, with a 2-1/4" double spout, this lamp is identical to the B ELECTRIC lamp owned by Nelson Ressler.

I would appreciate hearing from anyone with information on either of these two lamps.

