

REGISTRATION

The Statler Hilton Hotel at Buffalo was contest headquarters. Rescue teams were required to register at the hotel between 1:00 p.m. and 10:00 p.m., October 4, 1959. They were also permitted to register from 7:00 a.m. to 8:00 a.m. the following morning at the Memorial Auditorium. First-aid teams were required to register at the hotel between 10:00 a.m. and 10:00 p.m., October 5, and from 7:00 a.m. to 8:00 a.m., October 6, at the Auditorium.

MINE RESCUE CONTEST

The Mine Rescue Contest was held October 5 on the exhibit floor of the Auditorium which accommodated only one mine, and one team was required to complete the problem before the next team entered the mine.

At the time of registering, the team captains drew numbers to determine the order in which the teams entered the mine to work the problem.

Mine Rescue Problem

Working time - 35 minutes

A section foreman and four (4) men were sent into 7 west off main south to prepare the section to resume operation. This crew did not check out at the end of the working shift and they did not answer their telephone.

Upon investigation the overcast to 7 west was found blown out and light smoke was slowly moving out of the return airway. Local employees attempted to enter the section but could not because of carbon monoxide. A fresh-air base was established on main south just outby 7 west where you are now located.

The team will explore the section, noting any unusual conditions found, rescue any men found to be alive, account for the bodies of the dead, and determine whether it is safe to reventilate the section. All men are presumed to be alive until proven otherwise.

Details of the mine and problem are shown on the key map in figure 2. (See also figs. 3 and 4.)

The method of judging or rating the teams was in accordance with the following:

- a. Written examination: Time keepers and map men.
- b. Checking apparatus and other procedure previous to entering the mine or leaving fresh-air base.
- c. After entering the mine and beyond fresh air base.

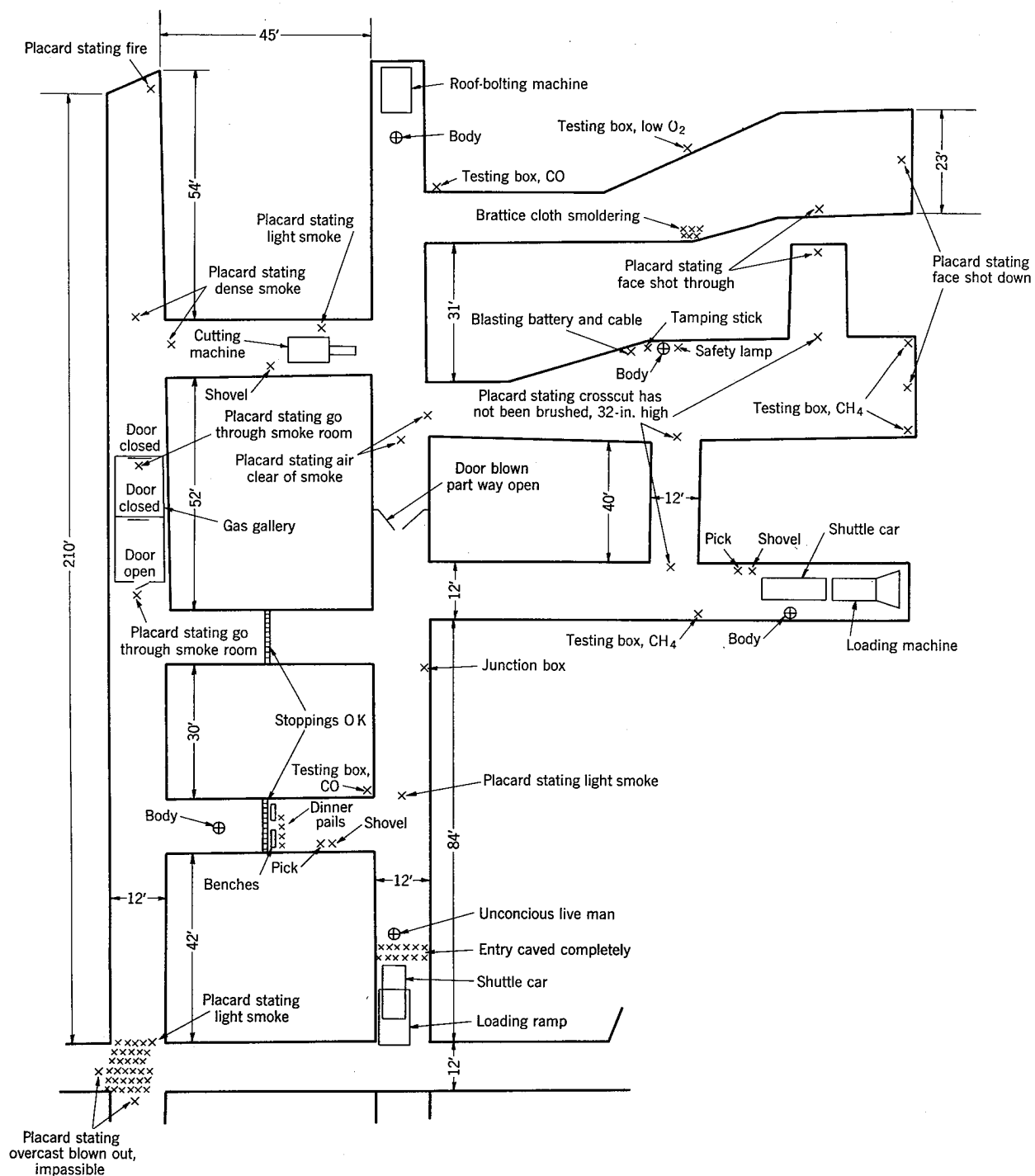


FIGURE 2. - Key Map of Mine Used in Mine Rescue Problem.

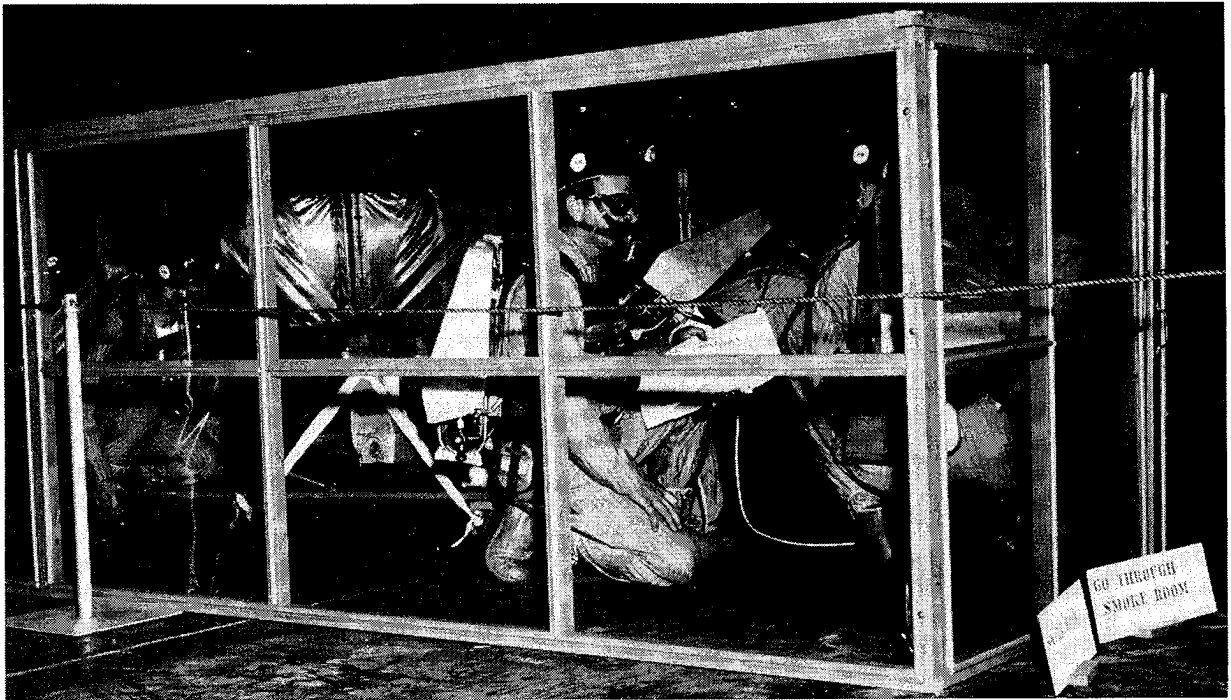


FIGURE 3. - Mine Rescue Team in Smoke Room.
(Alan Wood Steel Co., Dover, N.J.)



FIGURE 4. - Mine Rescue Team Recovering Unconscious Miner.
(Imperial Coal Corporation, Boltz, Pa.)

The judges were selected on the basis of their familiarity with mine rescue procedures. In this instance, all were representatives of the Bureau of Mines and the various State mining departments. A predetermined number of points was discounted for wrong answers to preliminary questions, for improper checking of apparatus, for each failure to perform standard procedures during rescue and recovery work, and for improper marking of the mine map. The judges used standard discount sheets or scorecards in making these ratings. The team having the smallest number of discounts was declared the winner of the mine rescue contest. The team having the next smallest number of discounts was given second place, and so forth.

To enable all teams to be trained alike as far as possible and to assist the judges in rating the performance of the teams, a list of specific rules governing the mine rescue contest was made available to all teams and other interested persons or groups before the contest. A copy of these rules is shown in appendix B and a copy of the judges' discount sheets is included in appendix C.

A list of the participating mine rescue teams, their sponsors, and the final standing of the teams is shown in table 3.

TABLE 3. - Final standing of teams in mine rescue contest

Place	Team No.	Mine or team	Captain	Company	Location	Total discounts
1	1	Mine No. 22	Douglas Damron	Bethlehem Mines Corp.	Jenkins, Ky.	20
2	4	Mine No. 21	Kelly Desimone	Bethlehem Mines Corp.	Jenkins, Ky.	32
3	9	Team No. 2	Harrison Sparks	Inland Steel Company	Wheelwright, Ky.	38
4	3	Mine No. 21 Combination Team ^{1/}	Warnie Flint, Jr.	Bethlehem Mines Corp.	Jenkins, Ky.	42
5	7	Holden Division - Combination Team ^{1/}	James Robertson ^{2/}	Island Creek Coal Co.	Holden, W. Va.	50
6	5	Frick District - Mine Rescue and First Aid Team ^{1/}	Pete Yadamec	United States Steel Corp.	Uniontown, Pa.	65
7	8	Combination Team ^{1/}	Edward Zemaitis ^{2/}	Pittsburgh Coal Company	Library, Pa.	104
8	2	Diamond Mine ^{1/}	Morris Troska ^{2/}	Imperial Coal Corp.	Boltz, Pa.	106
9	6	Scrub Oaks & Washington Mine ^{1/}	Stanley Usinowicz	Alan Wood Steel Co.	Dover, N. J.	173

^{1/} Indicates Combination Team.

^{2/} Captain of Mine Rescue Team different from Captain of First Aid Team.