

films OF THE WEEK

CONFINED SPACE HAZARDS. 16mm, color, sound, 15 min. Safety procedures to be followed by men who must work in the confined spaces of tanks, boilers, hoppers, sewers, etc., are demonstrated in live-action sequences. Portraying both dangerously unsafe actions and safe procedures, the film shows the responsibility of the worker, a lookout man, a lifeline man, a back-up man with rescue apparatus and the supervisor. The narration details each step in checking and double-checking for conditions which could result in falls, vapor inhalation, explosions, electrocution, or injury from tools. Emphasis is placed on recognizing the hazardous space, planning for every eventuality, and precision in procedures. There are just enough frightening sequences to motivate attention and sufficient repetition to ensure comprehension. Audience: industrial workers. Purchase \$195 or rental \$17.50 from International Film Bureau, Dept. SN, 332 S. Michigan Ave., Chicago, Ill. 60604.

HEAT SERIES. Nine super 8mm color, silent films. Each film in this series deals with a dynamic situation showing an actual experiment taking place. Animated sequences are introduced to help the student with conceptual difficulties. Most of the treatments are quantitative and the figures and readings can be used in drawing conclusions. Titles: "Heat Distribution in the Spectrum," "Emission and Absorption of Radiation," "The Reflection of Radiation," "The Convection of Water," "The Mechanical Equivalent of Heat," "The Critical Temperature of Sulfur Dioxide," "Determination of Vapor Pressure by Barometer," "Vapor Pressure and Tem-

perature," and "Vapor Pressure and Boiling." Audience: senior high, college, adult. Purchase each film \$24 or series of nine \$216 from BFA Educational Media, Dept. SN, 9211 Michigan Ave., Santa Monica, Calif. 90404.

THE KIRTLAND'S WARBLER. 16mm, color, sound, 10 min. Relates the life history of the rare Kirtland's warbler, and shows management efforts to create habitat by planting jack pines and also by burning specific areas to allow natural jack pine growth. It also shows the efforts to control nest parasitism by cowbirds, which are probably the greatest threat to the Kirtland's warblers survival. Because of the drastic population drop in 1961 to 1971, the birds are counted each year now. Cooperative efforts of several agencies help provide suitable jack pine nesting habitat for the warblers. Though these pines extend across much of the continent, the birds seem to be limited to the area in Michigan where sandy porous soil is found. Audience: high school, college, general. Purchase \$140 or rental \$12 from Walter and Myrna Berlet, Dept. SN, 6998 Surrey Lane, Jackson, Mich. 49201.

THE SOLAR SYSTEM: MEASURING ITS DIMENSIONS. 16mm, color, sound, 10 min. Through the use of animation, special effects photography and live action, this film shows the student how indirect measurement has been used to calculate distances and sizes of celestial objects, and thus learn the dimensions of the solar system. Triangulation, radiant electrical energy, the laws of motion, and the use of scale models are used in experiments to demonstrate the principles involved. Audience: intermediate and junior high. Purchase \$145 or rental \$14.50 from McGraw-Hill Films, Dept. SN, 1221 Avenue of the Americas, New York, N.Y. 10020.

THE TELEPHONE AT WORK. 16mm, color, sound, 15 min. Shows how the telephone can best be used as a valuable aid in business communication. Through a series of up-to-date, realistic examples, the film demonstrates how voice and manner can substitute for face-to-face contact. It also shows how to improve your "telephone personality." The film makes the point that a polite, efficient telephone call is not just a message, but a part of a company's total image. It illustrates techniques which will ensure that the message will be understood and the company image enhanced. Audience: executives, staff. Purchase \$300 or rental \$50 per week from Roundtable Films, Dept. SN, 113 N. San Vicente Blvd., Beverly Hills, Calif. 90211. (Comes with complete Discussion Leader's Guide.)

TESTING FOR THE DENSITY OF PLASTICS BY THE DENSITY-GRADIENT TECHNIQUE. 16mm, color, sound, 9 min. Depicts a test based on observing the level to which a test specimen sinks in a liquid column exhibiting a density gradient, in comparison with standards of a known density. The density of a solid is a conveniently measurable property which is useful as a means of following physical changes in a sample, as an indication of uniformity among samples, and as a means of identification. Audience: persons involved in quality control, research, or training of laboratory technicians. Purchase \$135 or rental \$55 from American Society for Testing Materials, Dept. SN, 1916 Race St., Philadelphia, Pa. 19103.

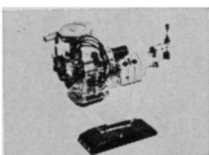
Listing is for readers' information of new 16mm and 8mm films on science, engineering, medicine and agriculture for professional, student and general audiences. For further information on purchase, rental or free loan, write to distributor.

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