

Printed Hotbox Read-Out

Optional read-out equipment is now available for the Wheel Thermo-Scanner unit. A printing counter responsive to digital information can be provided in addition to the basic two-channel analog pen recorded information. The printer is provided with a bell and a lamp to indicate the approach of a train. The lamp remains lighted until the train has left the radiometer location. The printed record has three columns of figures, car numbers for (1) the north side of the train (2) the south side of the train and (3) the time of arrival and departure.

When a train approaches the scanner location, zeros are printed in the north and south columns together with the time. When the direction relay in the field is energized, two rows of zeros and time are printed indicating passage of a train in, say, an eastbound direction. A train approaching in a westbound direction would be registered by a single row of zeros and time. When the train leaves the location, the total number of cars, exclusive of the head-end locomotive units, is printed in both columns, together with the leaving time. This record is provided for all trains. When a hot wheel is detected, the number of the car having that hot wheel is printed in the appropriate column between the entering and leaving notations. If the same car has hot wheels on both sides, the number of the car is printed in both columns. *General Railway Signal Co., Dept. RSC, Rochester 2, N. Y.*