

Special Detailed Instructions are Issued by Government in Coal Economy-Regulation of Air is an Impor tant Fnctor

"Let the size of the coal fired be as The shortage of coal in the United coal for heating many small build-The shortage of coal in the United coal for heating many small build-States has become so acute that the ings occupied by its various depart-coal of uneven sizes prevents an even Coal Administration, is sending out ments and bureaus, and is therefore flow of air through the fuel bed and appeals almost daily for the conser- directly interested not only in select- increases the tendency of the fire to vation of every available pound of ing proper fuels but in obtaining the burn through in spots.

Among other things, it has best possible results from their con-"Try to keep the fuel bed from fuel. air holes, as they cause waste of fuel suggested that the schools be closed sumption. during January and February, these "The importance of providing an and may prevent the heater from two months to be made up by having inlet for the air that must enter the maintaining the desired temperature, sessions closed a month later in the furnace room, is frequently over-"Avoid excessive shaking of the spring and opened a month earlier looked, especially in small tightly grates and thus reduce the amount of in the fall. Householders have been closed furnace rooms. Roughly, 150 coal lost by falling into the ashpit. urged to do their bit by cutting down to 300 cubic feet of air are required Ordinarily the shaking of the grates the temperature of their homes from for each pound of coal burned, and, should be stopped as soon as bright the usual 70 degrees to 68, which to prevent trouble from insufficient particles begin to drop through, or medical experts assert is more con- draft, some means of admitting this under some conditions, as soon as air into the furnace room must be light from the fuel bed begins to show ducive to good health. in the ashpit. For Using Anthracite It is likely that the latter sugges- provided

tion will be entirely lost on a major- "The suggestions following have to ity of those who are charged with do especially with preventing incom-"To get the best results in firing the care of residence furnaces unless plete combustion and the admission anthracite the following recommend-their apparatus happens to be ela- of a large excess of air into the fur-

"Keep the fuel bed thick so that it borately equipped, among other nace, and the minimizing of the atthings with a thermostat. The aver- tention necessary to maintain the will not burn through in spots and admit a large excess of air. If there is a bright bed of coals over the enage commuter who fires his furnace proper temperature in the rooms will not be interested in the proposal heated

tire grate, as there should be before to change the temperature in his | "Whatever fuel may be selected, house by two degrees if he only can convenience will be promoted by hav- a heavy charge is fired, some of the get the temperature up to normal and ing the heater large enough to main- burning coal should be pushed to one side or end of the grate-the part bank his fire before he has to run tain for at least eight hours, withnearest the opening where the gases to catch the 7.55 or the 8.32. But out attention, proper room temperwhat he can do is to save a ton or so of coal by properly regulating his fire. How he can do this is explained in a namphlet recently issued by the regulation of the fire will be facilileave the fire-and the bed or live

Bureau of Mines of the Department tated by the proper equipment of spot of live coal to ignite the comof the Interior under the title of idampers, including a hand damper in bustible gasses coming off the fresh-"Saving Fuel in Heating a House." the smokepipe, a check damper, also ly-fired fuel.

If a copy of this pamphlet were put in the smokepipe and a damper, pre-"If the fire is low, take care not to into the hands of everyone having ferably a lift damper, in the ashpit. but it out by throwing on too much the care of a furnace, an immense The ashpit damper and ash door, as fresh coal. Fire lightly and allow saving of coal would be the result well as the pit itself should be made each firing to become ignited before One man after caeful study of these so that the supply of air under the fresh coal is thrown on. Use small instructions, has found that he will grates can be entirely cut off by sizes of coal if they are available. be able to reduce his coal consump- closing the door and damper; other-"When preparing the fire to last tion from ten to eight tons with a wise proper control of the fire will over night or for a similar length of hot-water heating system. time, push some of the burning coal be difficult if not impossible. This is aside, and fire the fresh charge so

Air is Important a point often neglected. If bitumin-ous coal is to be burned a lift dam-"The total output of coal, in the world during the calendar year 1918," says the introduction to the instructions, "according to a govern-""Whether the fuel be hard or soft ment report, was 1,443,393,052 coal, coke or wood the stack damper short tons, and of this amount 39.5 should be kept partly closed at all per cent., or 570,048,125 tons, was times except in severe weather. un-

per cent., or 570,048,125 tons, was times except in severe weather. un-mined in the United States. Prob-less the conditions as to the size of driven off before the air supply is ably 10 to 15 per cent. of the coal the boiler and draft are such that all greatly reduced. produced in the country went to the available draft is regularly needed.

The amount of coal consumed will purchasers who used it largely in In most cases with the stack damper heating dwellings. The Federal Gov- partly closed, the proper regulations the size of the house, the number of ernment used a large quantity of can be obtained by varying the posi- rooms, and more largely still on its

to the fire regularly; do not wait un- ence to exposure to winds. til it has burned low and heat is Our Canadian winters are extreme-

CHICAGO CUTS FLOUR needed throughout the house. Often

a large amount of heat in a short

period and then suddenly checking

as to leave a bright spot visible to ignite the distilled gasses, The drafts should then be allowed to stand open

for a short period, possibly half an

hour, before they are closed for the uight, so that a part of the volatile

the fire.

the need can be anticipated and by attention at the proper time trouble can be avoided. In addition economy of fuel is more likely to be obtained by fairly uniform rates of tained by fairly uniform rates of to this effect was given by the Flour- badly ventilated rooms; takes colds in the second tained by the proper time trouble to this effect was given by the Flour- badly ventilated rooms; takes colds in the fire weet a large public school in

ly hard on the health of little ones

HARD ON LITTLE ONES

Williams' Medicine Co., Brockville,

Ont.

CANADIANS WHO RECEIVED NEW YEAR HONORS

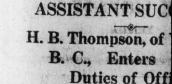
entailed a loss of \$200,000. THREE FIREMEN KILLED

many remedies in vain that your case is incurable. Hood's Sarsaparilla has cured many seemingly hopeless cases of scrofola, catarrh, rheumatism, kidney complaint

MAJ. GEN. STEELE,

previous fire in the same locality de-

stroyed another school building, and



Office Interfered T

With His Pri

Interests

Ottawa, Jan. 24.-Hon Hanna has resigned the Food Controller for Cans to has filled for some sev ind will be succeeded by nd will be succeeded hompson, of Victoria. has acted as Assistant Co period of four months. Mr. Hanna decided that the Food Administr reached such proportions uired the whole time an i the Food Controller. imself unable, therefore istice both to the duties ice and to other pressi nterests. Therefore he c ed his intention to retire bood Controllership to th ent. His resignation v

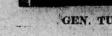
accepted to-day. Mr. Hanna was, at the tirement, a veteran an ontrollers, his appointm ting that of Mr. Hoove inited States, and still me What Has Been Accord Juring his term of of ts of the Food

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UT.COL. SAM SHARPE.

CONTRACTOR AND A CARD AND A CONTRACTOR AND A CONTRACT OF A CONTRACT.



GEN. TURNER.

GEN. WATSON.