

1965. No. 74

[C]

## CLEAN AIR

## Dark Smoke—Permitted Periods—Vessels

REGULATIONS, DATED 14TH APRIL, 1965, MADE BY THE MINISTRY OF HEALTH AND SOCIAL SERVICES UNDER SECTION 1 OF THE CLEAN AIR ACT (NORTHERN IRELAND) 1964.

The Ministry of Health and Social Services in exercise of the powers conferred upon it by section 1 of the Clean Air Act (Northern Ireland) 1964(a) and of every other power enabling it in that behalf, hereby makes the following regulations:—

*Citation and Commencement*

1. These regulations may be cited as the Dark Smoke (Permitted Periods) (Vessels) Regulations (Northern Ireland) 1965, and shall come into operation on the 1st day of July, 1965.

*Permitted Periods*

2.—(1) Emissions of dark smoke from a chimney of a vessel for not longer than the period specified in column (2) of the Schedule in respect of the class of case specified in column (1) shall be left out of account for the purposes of section 1 of the Clean Air Act (Northern Ireland) 1964:

Provided that—

- (a) continuous emissions of dark smoke caused otherwise than by the soot-blowing of a water tube boiler shall not exceed
  - (i) in the case of classes 1 and 2, 4 minutes;
  - (ii) in the case of natural draught oil-fired boiler furnaces in class 4, 10 minutes; and
- (b) in no case shall black smoke be emitted for more than 3 minutes in the aggregate in any period of 30 minutes.

In this paragraph "black smoke" means smoke which, if compared in the appropriate manner with a chart of the type known at the date of the passing of the Clean Air Act (Northern Ireland) 1964 as the Ringelmann Chart, would appear to be as dark as or darker than shade 4 on the chart.

(2) For the purposes of the Schedule a vessel is not under way when it is at anchor or made fast to the shore or bottom, and a vessel which is aground shall be deemed to be under way.

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(a) 1964. c. 16 (N.I.).

## SCHEDULE

(1) Class of case	(2) Permitted period for emission of dark smoke
1. Emissions from a forced draught oil-fired boiler furnace, or an oil engine.	10 minutes in the aggregate in any period of 2 hours.
2. Emissions from a natural draught oil-fired boiler furnace (except in the cases falling within class 4 below).	10 minutes in the aggregate in any period of 1 hour.
3. Emissions from a coal-fired boiler furnace. (a) when the vessel is not under way (except in the cases falling within class 4 below); (b) when the vessel is under way.	10 minutes in the aggregate in any period of 1 hour. 20 minutes in the aggregate in any period of 1 hour.
4. Emissions from a natural draught oil-fired boiler furnace or a coal-fired boiler furnace in the following cases:— (a) a vessel with funnels shortened for the purpose of navigating the Manchester Ship Canal; (b) a tug not under way, but preparing to get under way or supplying power to other vessels or to shore installations; (c) a vessel not under way but using main power for the purpose of dredging, lifting, pumping or performing some other special operation for which the vessel is designed.	20 minutes in the aggregate in any period of 1 hour.
5. Emissions from any other source.	5 minutes in the aggregate in any period of 1 hour.

Sealed with the Official Seal of the Ministry of Health and Social Services for Northern Ireland this 14th day of April, 1965.

(L.S.)

N. Dugdale,  
Senior Assistant Secretary.

## EXPLANATORY NOTE

*(This Note is not part of the Regulations, but is intended to indicate their general purport.)*

Section 1 of the Clean Air Act (Northern Ireland) 1964 as applied by section 20 of that Act makes it an offence to emit dark smoke (as defined in the Act) from the chimney of a vessel, but provides that emissions of smoke lasting for not longer than such periods as may be prescribed by the Ministry of Health and Social Services shall, in such classes of case and subject to such limitations as may be so prescribed, be left out of account for the purposes of the section. These Regulations prescribe the permitted emissions of smoke.