



NIPPON KAIJI KYOKAI

CERTIFICATE

Certificate No. KB4LN001

21 January 2004

THIS IS TO CERTIFY that I, the undersigned Surveyor to NIPPON KAIJI KYOKAI did at the request of Messrs. Imperial Machine Company Limited (IMC), the manufacturer, attend their works at Harvey Road, Croxley Green, Herts, England on 21 January 2004, in order to witness test of:

IMC FOOD WASTE DISPOSER
Model 523 as representative

in connection with the requirements of Regulation 3(1)(c), 4(2) and 5(2)(c) of Annex V of MARPOL 73/78, and that the test was carried out as described in the attached report with results stated therein.

Issued at London on 21 January 2004.

NIPPON KAIJI KYOKAI

(M. Kikusui)

Surveyor to London Office



FUNCTION TEST:

Purpose:

To determine the particle size of waste food once processed through IMC Food Waste Disposers.

Specification:

Typically, particles of processed waste should be between 5mm and 7mm with a maximum permitted dimension of 12mm in any sample, whereas the last sentence of regulation 3(1)(c) 4,(2) and 5(2)(c) of Annex V of MARPOL 73/78 reads "Such comminuted or ground garbage shall be capable of passing through a screen with openings no greater than 25mm"

Equipment Tested:

An IMC 523 Waste Disposer was tested. Although IMC manufactures four different sizes of grinding units for their range of Waste Disposers, the distance between the rotating blades (rotor) and the fixed blades (cutter) is the same. The Model 523 sample is therefore representative of all IMC models, these being by motor power:

- Models 523,525 and 526 (0.55kW)
- Models 723, 725, 726, 904 and 904x (1.1kW)
- Models 825, 825 Dump Station, 826, 1204 and 1204x (2.2kW)
- Models 1604 and 1604x (4.0kW)

Test Procedure:

A 3 kg sample of mixed food waste was prepared which included potatoes, cabbage and carrots. The waste food was then introduced into the waste disposer over a three minute period and produced approximately 30 litres of ground waste and water.

A one litre sample of the ground waste and water mixture was then passed through a sieve to remove the water, and the largest particle measured with a ruler.

Test Results:

The largest particle of waste found measured 10mm. Which is within the maximum specified size for IMC Waste Disposers.

Croxley Green
21st January 2004

Zahid Iqbal
Engineering Manager