













## APPENDIX

### EXTRACT FROM THE 2014 GUIDELINES IN RESPECT OF THE INFORMATION TO BE SUBMITTED BY AN ADMINISTRATION TO THE ORGANIZATION COVERING THE CERTIFICATION OF AN APPROVED METHOD AS REQUIRED UNDER REGULATION 13.7.1 OF MARPOL ANNEX VI

#### Criteria for the identification of an engine to which an Approved Method applies

The criteria, relating to original engine condition, which define the applicability of a particular Approved Method should include the following items:

- .1 manufacturer/licensee, engine type and model;
- .2 application cycle(s) e.g. E2, E3, D2 or C1, as specified in chapter 3 of the NO<sub>x</sub> Technical Code 2008 as appropriate;
- .3 rated power (kW) and rated speed (rpm) as given on the nameplate or as modified by approved re-rating:
  - .1 the applicable power output/rated speed range is to be clearly shown whether these represent a "line" or a "box", the exception or inclusion on the boundary and any exceptions either inside or outside that boundary; and
  - .2 in addition, any potentially necessary calculation processes (for example between horsepower (metric/imperial) and kW) including the rounding method is to be clearly specified;
- .4 NO<sub>x</sub> critical components and how their identity should be established. Where there is a combination of components, it should be described how those are interrelated;
- .5 NO<sub>x</sub> critical settings or operating values and how those values should be established. Where there are combinations of settings, it should be described how these are interrelated. In addition, any potentially necessary calculation processes (for example to bring P<sub>max</sub> or P<sub>comp</sub> to the ISO specified condition), including the rounding method, is to be clearly specified; and
- .6 any other specific points which relate to engines to which the Approved Method applies.

\*\*\*

