

G.S.R. 771(E)- ENVIRONMENT (PROTECTION) (THIRD AMENDMENT) RULES, 2013.

AFTO-33004/99 REGD. NO. D. L.-33004/99 Che Gazette of Shidia 595] No. 595] EXTRAORDINARY (i) PART 11—Section 3—Sub-section (i) PUBLISHED BY AUTHORITY , 11, 2013/3TuV1•qUT 20, 1935 NEW DELHI, WEDNESDAY, DECEMBER 11, 2013/AGRAHAYANA 20, 1935 2013 (üQ&TUT) 1986 (1986 29) 6 25 gg, (üQ&TUT) 1986 (1) (üQ&TUT) 2013 tl 2. (üN&TUT) 1986 1 95 '95. (åa*e) 800 ag Rig (frü t) fäg 800 fäg 1 2014 fifif& 5174G1/2013 (1) 2 19 19 75 föa-r. 75 800 THE GAZETTE OF INDIA : EXTRAORDINARY NOx+ HC 7.5 4.7 4.0 (111/ AT co < 3.5 < 3.5 < 3.5 0.3 0.3 0.2 : NOx- [PART 11—SEC. 3(i)] (EITT?T QRT, 1) < 0.7 < 0.7 < 0.7 HC 1. 3. 4. 5. 6. ; CO ; PM- I 2. Ut&TUT I ISO : 81 78-Q-IFT 4 2-5 I (Nii3üfi) I t) (fri fufw:fidT ai' 1 31 I fäg (#req fäg • fäg föuT I fäg 11-uz 3(i)] 3 fü5AT fäg 1 2014 1 2015 I fü5Nft fütbu, @ Q-TFT (3) uq 3tdf& • (u) (üN&TUT) 1986 ; (71) ; (2) fü5#r I (3) fäg fäg 6. fäg t, • (u) (dRUTUIT) ; @ Qeq, (&TUTT) • 4 THE GAZETTE OF INDIA : EXTRAORDINARY [PART 11—SEC. 3(i)] (2) fäg Ut&TUT 9. föuT : q. OST.3TT. 844(30, 19 1986 d5T.31T. 433 (30, 18 1987, NNTXbT.Ä. 01(30, 1 2010, 61(30, 5 2010, 485(31), 9 2010, N4T.Q5T.fi. 608(30, 21 2010, NAT.mT.fi. 739(31), 9 2010, 809(30, 4 2010, 215(30, 15 2011, 221(30, 18 2011, 2 2011, N4T.Q5T.Ä. 424(31), 1 2011, 446(30, 13 2011, 152(30, 16 2012, 266(30, 30 2012, 31 2012, w.mT.Ä. 82061), 9 2012, N4T.mT.Ä. 18 2013, 7 2013 MINISTRY OF ENVIRONMENT AND FORESTS NOTIFICATION New Delhi, the 11th December, 2013 G.S.R. 771(E). — In exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely: 1. (1) These rules may be called the Environment (Protection) (Third Amendment) Rules, 2013. (2) They shall come into force on the date of their publication in the Official Gazette

2. In the Environment (Protection) Rules, 1986, in Schedule I, for serial number 95 and entries relating thereto, the following serial number and entries shall be substituted, namely:- "95.Emission limits for new diesel engine up to 800 kW for generator set (Genset) application.- The emission limits for new diesel engine upto 800 kW for generator set (hereinafter referred to as Genset) application shall be effective from 1st April, 2014 as specified in the Table below subject to the general conditions contained therein, namely:- 11-uz 3(i)] Power Category Upto 19 KW More than 19 More than 75 Note: KW upto 75 KW upto 800 NOx +HC < 7.5 < 4.7 < 4.0 TABLE Emission Limits (g/kW-hr) co < 3.5 < 3.5 < 3.5 < 0.3 < 0.3 < 0.2 5 Smoke Limit (light absorption coefficient, In-I) < 0.7 < 0.7 < 0.7 1. The abbreviations used in the Table shall mean as under: NOx — Oxides of Nitrogen; HC — Hydrocarbon; CO — Carbon Monoxide; and PM — Particulate Matter

2. Smoke shall not exceed above value throughout the operating load points of the test cycle

3. The testing shall be done as per D2 —5 mode cycle of ISO: 8178- Part 4

4. The above mentioned emission limits shall be applicable for Type Approval and Conformity of Production (COP) carried out by authorised agencies

5. Every manufacturer, importer or, assembler (hereinafter referred to as manufacturer) of the diesel engine (hereinafter referred to as 'engine') for genset application manufactured or imported into India or, diesel genset (hereinafter referred to as 'product'), assembled or imported into India shall obtain Type Approval and comply with COP of their product(s) for the emission limits which shall be valid for the next COP year or, the date of implementation of the revised norms specified above, whichever earlier.Explanation.- The term 'COP year' means the period from 1st April to 31st March

6. Stack height (in metres), for genset shall be governed as per Central Pollution Control Board (CPCB) guidelines.General Conditions 1. Applicability.- These conditions shall apply to all new engines for genset application and products manufactured, assembled or, imported into India, as the case may be Provided that these rules, shall not apply to, - (a) (b) any engine or, product, assembled or manufactured or imported, as the case may be, for the purpose of export outside India, or, any engine or product intended for the purpose of sample limited to four in number and to be exported back within three months, and not for sale in India

2. Requirement of certification.- Every manufacturer of engine or product, as the case may be, shall have valid certificate(s) of Type Approval and COP for each COP year, for all engine models being manufactured or, for all engine or product models being imported, after the effective date for the emission limits, as specified above and the COP for the genset sold on or after 1st April, 2014 shall be effective and in force as per revised emission norms with effect from 1st April, 2015

3. Sale, import or use of engine or product not complying with these rules.- No person shall sell, import or use an engine for genset application or, a product which is not having a valid Type Approval certificate and certificate of COP referred to in condition 2

4. Requirement of conformance labeling.- (1) All the engines, individually or as part of the product shall be clearly engraved 'Genset Engine' on the cylinder block. (2) the engine or the product shall be affixed with a conformance label meeting the following requirements, namely:- (a) the label shall be durable and legible; 6 Note: THE GAZETTE OF INDIA : EXTRAORDINARY [PART 11—SEC. 3(i)] (b) the label shall be affixed on a part necessary for normal operation of the engine or the product and not normally requiring replacement during the life of the engine or the product. (3) The conformance label shall contain the following information, namely:- (a) (b) (c) (d) (e) name and address of the manufacturer of engine or product, as the case may be; statement that the engine or product conforms to the Environment (Protection) Rules, 1986; Type Approval certificate number, date of manufacture of engine and the product or in case of import, the date of import of the engine and the product; and rated speed and corresponding gross power in kW

5. Nodal Agency.- (1) The Central Pollution Control Board shall be the nodal agency for implementation of these rules. (2) In case of any dispute or difficulty in implementation of these rules, the matter shall be referred to the nodal agency. (3) The nodal agency shall constitute a Committee to advise it on all matters, including the disputed matters, related to the implementation of these rules

6. Authorised agencies for certification.- The following institutions are authorised to carry out such tests as they may deem necessary, for giving certificates of Type Approval and Conformity of Production tests for diesel engines or products and to give such certificates, namely:- (i) the Automotive Research Association of India, Pune (Maharashtra); (ii) the International Centre for Automotive Technology, Manesar (Haryana); (iii) the Indian Oil Corporation, Research and Development Centre, Faridabad (Haryana); (iv) the Indian Institute of Petroleum, Dehradun (Uttarakhand); and (v) the Vehicle Research Development Establishment, Ahmednagar (Maharashtra)

7. Compliance and testing procedure.- (1) The Compliance and Testing Procedure, as published by the Central Pollution Control Board shall be followed by all concerned. (2) The authorised agencies for certification shall submit the testing and certification details in respect of the emission to the Central Pollution Control Board annually

8. Fuel Specification.- The specification of commercial fuel applicable for diesel gensets shall be the same as applicable for commercial High Speed Diesel applicable for diesel vehicles in the area where product would be operated, from time to time, as per policy of Government of India

9. Engine component or parts identification.- All the details of engine components or parts responsible for the emission performance shall be clearly marked in English language.' [F.No. Q-15017/08/2012-CPW] Dr. RASHID HASAN, Advisor The principal rules were published in the Gazette of India vide number S.O. 844 (E), dated the 19th November, 1986 and subsequently amended vide notification numbers S.O. 433 (E), dated the 18th April 1987; G.S.R. 01 (E), dated the 1st January, 2010; G.S.R. 61 (E), dated the 5th February, 2010; G.S.R. 485 (E), dated the 9th June, 2010; G.S.R. 608 (E), dated the 21st July, 2010; G.S.R. 739 (E), dated the 9th September, 2010; G.S.R. 809(E), dated, the 4th October, 2010, G.S.R. 215 (E), dated the 15th March, 2011; G.S.R. 221 dated the 18th March, 2011; G.S.R. 354 (E), dated the 2nd May, 2011; G.S.R. 424 (E), dated the 1st June, 2011; G.S.R. 446 (E), dated the 13th June, 2011; G.S.R. 152 (E), dated the 16th March, 2012; G.S.R. 266(E), dated the 30th March, 2012; G.S.R. 277 dated the 31st March, 2012; G.S.R. 820(E), dated the 9th November, 2012; G.S.R. 176(E), dated the 18th March, 2013; and G.S.R. 535(E), dated the 7th August, 2013. Printed by the Manager, Government of India Press, Ring Road, Mayapuri, New Delhi-110064 and Published by the Controller of Publications, Delhi-110054.