

**THE MOTOR SPIRIT AND HIGH SPEED DIESEL (REGULATION OF  
SUPPLY AND DISTRIBUTION AND PREVENTION OF  
MALPRACTICES) ORDER, 1998**

**GOVERNMENT OF INDIA, MINISTRY OF PETROLEUM AND CHEMICALS)  
(DEPARTMENT OF PETROLEUM AND NATURAL GAS)**

**Dated: New Delhi, The 28<sup>TH</sup> December 1998**

**ORDER**

G.S.R 772 (E) In exercise of the power conferred by section 3 of the Essential Commodities Act, 1955 (10 of 1955), the Central Government hereby makes the following order namely :-

**1., Short title, extent and commencement: -**

- (1) This order may be called the Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Order, 1998.
- (2) It shall come into force on the date of publication in the official gazette.

**(2) Definitions: -**

In this Order, unless the context otherwise requires,

- (a) "Adulteration" means the introduction of any foreign substance into Motor Spirit/High Speed Diesel illegally/unauthorizedly with the result that the product does not conform to the requirements and specifications of product indicated in Schedule I *or as specified by the Central Government, as case may be* [Italics added by the Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Amendment Order,2001.Published in Part-II, Section 3- Subsection-(i) of the Gazzete Of India (Extraordinary) dated 01-11-2001 vide GSR No. 814(E)]. *This was substituted as "Adulteration" means the introduction of any foreign substance into Motor Spirit/High Speed Diesel illegally/unauthorizedly with the result that the product does not confirm to the requirements and specifications of product indicated in Schedule I or any other requirement specified by the Central Government from time to time.* [This was done by the Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Second Amendment Order, 2002.Published in Part-II, Section 3- Subsection-(i) of the Gazzete Of India (Extraordinary) dated 04-09-2001 vide GSR No. 618(E)].

- (b) “Consumer” means a person who purchases products directly from an oil Company and stores and utilizes the products for his own consumption and shall include his representatives, employees or agents.
- (c) “Dealer” means a person appointed by an Oil Company to purchase, receive, store and sell Motor Spirit and High Speed Diesel oil whether or not in conjunction with any other business, and shall include his representatives, employees or agents.
- (d) “High Speed Diesel” means any hydrocarbon oil (excluding mineral colza oil and turpentine substitute), which meets the requirements of Bureau of Indian Standards Specification No IS-1460 *or the specifications laid down by the Central Government, as case may be.* (Italics added by the Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Amendment Order, 2001, Published in Part-II, Section 3- Subsection-(i) of the Gazzete Of India (Extraordinary) dated 01-11-2001 vide GSR No. 814(E).} And is suitable for use as fuel in Compression Ignition Engines; *This clause was substituted by “High Speed Diesel” means any hydrocarbon oil (excluding mineral colza oil and turpentine substitute), which meets the requirements of Bureau of Indian Standards Specification No IS-1460 or any other requirement specified by the Central Government, from time to time and is suitable for use as fuel in Compression Ignition Engines;* [This was done by the Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Second Amendment Order, 2002, Published in Part-II, Section 3- Subsection-(i) of the Gazzete Of India (Extraordinary) dated 04-09-2002 vide GSR No.618(E).]
- (e) “Malpractices” shall include the following acts of omission and commission in respect of Motor Spirit and High Speed Diesel
- (I) Adulteration
  - (II) Pilferage
  - (III) Stock variation
  - (IV) Unauthorized exchange
  - (V) Unauthorized purchase
  - (VI) Unauthorized sale
  - (VII) Unauthorized Possession

(VIII) Overcharging

(IX) Sale of specification product

- (f) “Motor Spirit” means any hydrocarbon oil (excluding crude mineral oil), which meets the requirements of Bureau of Indian Standards Specification No IS-2796 *or the specifications laid down by the Central Government, as case may be.*{(Italics added by the Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Amendment Order, 2001, Published in Part-II, Section 3- Subsection-(i) of the Gazzete Of India (Extraordinary) dated 01-11-2001 vide GSR No. 814(E)}. And is suitable for use as fuel in Spark Ignition Engines; *This clause was substituted by “Motor Spirit” means any hydrocarbon oil (excluding crude mineral oil), which meets the requirements of Bureau of Indian Standards Specification No IS-2796 or any other requirement specified by the Central Government, from time to time and is suitable for use as fuel in Spark Ignition Engines;* [This was done by the Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Second Amendment Order, 2002, Published in Part-II, Section 3- Subsection-(i) of the Gazzete Of India (Extraordinary) dated 04-09-2002 vide GSR No.618(E).]
- (g) “Oil Company” means any” means any person, firm or company authorized by the Central Government, who is engaged in the sale of Motor Spirit or High Speed Diesel to consumers or dealers. This clause substituted as *“Oil Company” means the Indian Oil Corporation Limited, The Hindustan Petroleum Corporation Limited, the Bharat Petroleum Corporation Limited or any person, firm or company authorized by the Central Government who is engaged in marketing and sale of Motor Spirit or High Speed Diesel directly to consumers in accordance with the stipulation laid down by the Central Government from time to time.* [This was done by Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Amendment Order, 2002, Published in Part-II, Section 3- Subsection-(i) of the Gazzete Of India (Extraordinary) dated 16-03-2002 vide GSR No. 211(E).]
- (h) “Petroleum” shall have the same meaning as assigned in the Petroleum Act, 1934.
- (i) “Pilferage” means stealing or attempt to steal of products from a container used for transportation of the product or from a receptacle used for the storage of the product

- and shall include any unauthorized attempt or act tampering with such container/receptacle;
- (j) “Product” means motor spirit and high-speed diesel oil;
  - (k) “Stock variation” means variations beyond the norms permissible for variations in stock as given in schedule II;
  - (l) “Transporters” means a person authorised by a oil company, a dealer or a consumer, to transport motor spirit or high speed diesel oil and shall include his representatives, employees or agents;
  - (m) “Unauthorized exchange” means transfer or receipt of the product from a dealer or consumer to another dealer or consumer or to any other person in contravention of the directives issued by the State Government or Oil Companies;
  - (n) “Unauthorized purchase” means purchase of the products from sources other than those authorised by the Oil Companies;
  - (o) “Unauthorized sale” means sale of products by a dealer or consumer to another dealer or consumer or to any other person in contravention of the directives issued for the purpose by the State Government or Oil Companies or in contravention of any provision of this order;
  - (p) “Unauthorized possession” means keeping of Motor Spirit or High Speed Diesel, in contravention of the provisions of this order, or keeping any petroleum product or its mixture, which can be used for adulteration, under the control of the dealer or any other person without valid sales documents issued by the concerned Oil Company;
  - (q) “Over Charging” means sale of Motor Spirit or High Speed Diesel by a dealer at a price higher than that authorized by an “Oil Company” from which the dealer has purchased the product;
  - (r ) “Sale of specification product” means, sale of Motor Spirit or High Speed Diesel by dealer of quality not conforming to Bureau of Indian Standards Specification No IS-2796 and IS-1460 for Motor Spirit or High Speed Diesel or also not in conformity with Schedule –I *or the specifications laid down by the Central Government, as case may be.* *[(Italics added by the Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Amendment Order, 2001, Published in Part-II, Section 3- Subsection-(i) of the Gazzete Of India (Extraordinary) dated 01-11-2001*

vide GSR No. 814(E).] *This was substituted by clause “Sale of specification product” means, sale of Motor Spirit or High Speed Diesel by dealer of quality not conforming to Bureau of Indian Standards Specification No IS-2796 and IS-1460 for Motor Spirit or High Speed Diesel or also not in conformity with Schedule –I or any other requirement as specified by the Central Government, from time to time. [This was done by Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Second Amendment Order, 2002, Published in Part-II, Section 3- Subsection- (i) of the Gazzete Of India (Extraordinary) dated 04-09-2002 vide GSR No. 618(E).]*

**(3) Product supply and transportation: -**

- (i) The product from the supply point shall be transported by the transporter in a container or tank truck certified fit by the concerned authorities (Explosive and Transport authorities And Oil Company) to carry the product with accurate calibration as certified by the Weights and Measures Authority and supported by delivery documents and deliver the same to the storage or dispensing point in the same condition as delivered to him by the origination supply point in respect of quality and quantity;
- (ii) The transporter shall ensure that the product is transported only in containers/tank truck, which are properly sealed.
- (iii) The dealer/consumer shall inspect such containers or tank trucks in which he receives the product to ensure.
  - (a) That the containers or tank truck, including the seals are not in any manner tampered with;
  - (b) That the quantity and quality of the products are as per delivery documents issued by the Oil Companies and the quality of the product conforms to the requirements indicated in Schedule I *or as specifications laid down by the Central Government, as case may be.* [(Italics added by the Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Amendment Order, 2001, Published in Part-II, Section 3- Subsection-(i) of the Gazzete Of India (Extraordinary) dated 01-11-2001 vide GSR No. 814(E).] For this purpose the dealer/consumer

shall maintain a record of densities as indicated in Schedule I and keep samples of product or take such other measures, as prescribed by Oil Company. *This clause was substituted by “ That the quantity and quality of the products are as per delivery documents issued by the Oil Companies and the quality of the product conforms to the requirements indicated in Schedule I or any other requirement specified by the Central Government, from time to time. For this purpose, the dealer/consumer shall maintain a record of densities as indicated in Schedule I and keep samples of product or take such other measures, as prescribed by Oil Company.”* [This was done by Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Second Amendment Order, 2002, Published in Part-II, Section 3- Subsection- (i) of the Gazzete Of India (Extraordinary) dated 04-09-2002 vide GSR No. 618 (E).]

- (iv) No person other than the Dealer or Oil Company or their agent shall be engaged in the business of selling product from underground tank.
- (v) No person shall sell or agree to sell any petroleum product or its mixture other than Motor Spirit or High Speed Diesel, as specified in schedule-I, *or specifications laid down by the Central Government, as case may be,* [(Italics added by the Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Amendment Order, 2001, Published in Part-II, Section 3- Subsection-(i) of the Gazzete Of India (Extraordinary) dated 01-11-2001 vide GSR No. 814(E).] in any form, under any name, brand or nomenclature, which can be and is meant to be used as fuel in Spark Ignition Engines or Compression Ignition Engines.
- (vi) The dealer, transporter, consumer or any other person shall not in any manner indulge in any of the malpractice listed in clause 2 (a) above.
- (vii) The delivery or sale of Motor Spirit and High Speed Diesel oil shall be made by dealers only from authorised retail pump outlet.

**(3A) Restriction on marketing of Motor Spirit or High Speed Diesel:-**

No person, other than those authorized by the Central Government, shall market and sell Motor Spirit or High Speed Diesel to consumers or dealers.

**(3B) Application for the issue of authorization by the Central Government to market Motor Spirit or High Speed Diesel: -**

Whosoever desires to secure authorization to market and sell Motor Spirit or High Speed Diesel shall submit application to the Central Government as per the form given Schedule IV.

**(3C) Application fee: -**

An amount of rupees ten lakhs shall be paid as application fees along with the application either by way of banker's cheque or demand draft in favour of Pay and Accounts officer, Ministry of Petroleum and Natural Gas payable at New Delhi.

**(3D) Authorization to market Motor Spirit or High Speed Diesel: -**

After scrutiny of application, the Central Government shall, if it is satisfied with the details furnished by applicants, require the applicant to furnish bank guarantee for an amount specified by the government. If the Central Government is satisfied that the applicant fulfills the conditions laid down by the government authorization to market Motor Spirit or High Speed Diesel shall be issued indicating the terms and conditions of authorization.

**(3E) Cancellation of authorization:-**

Notwithstanding anything contained in this Order, the Central Government may, if it is satisfied that any of the conditions relating to authorization have been violated, cancel the authorization issued under clause (3D).

Provided that before canceling the authorization under this clause, a notice will be issued to the applicant and an inquiry will be got conducted in the manner as may be decided by the Central Government.

*[Clause 3A-3E added by Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Amendment Order, 2002, Published in Part-II, Section 3- Subsection-(i) of the Gazzete Of India (Extraordinary) dated 16-03-2002 vide GSR No. 211(E).]*

**(3F) Doping of Ethanol with Petrol and/or Diesel:-**

The Central Government may make it mandatory to supply Petrol and/or Diesel doped with a specified quantity of Anhydrous Ethanol and notify the time frame for commencement of such supply in specified States/areas or whole of the country. [*This* was added by Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Second Amendment Order, 2002, Published in Part-II, Section 3- Subsection- (i) of the Gazzete Of India (Extraordinary) dated 04-09-2002 vide GSR No. 618(E).]

**(4) Power of search and seizure: -**

(A) Any gazetted officer of the State Government or any police officer not below the rank of Deputy Superintendent of Police Department duly authorized by general or special order by the Central Government or State Government as the case may be or any officer of concerned Oil Company not below the rank of Sales Officer may, with a view to securing compliance with the provisions of this order, or for the purpose of satisfying himself that this order or any order made there under has been complied with;

- (i) Enter and search any place or premises being made use of or suspected to be made use of in the business of the dealer, transporter, consumer or any other person who is an employee or agent of such dealer/transporter/consumer with respect to which there is reason to believe that the provisions of this Order have been are being or are about to be contravened;
- (ii) To stop and search any person or vehicle or receptacle used or intended to be used for the movement of the product;
- (iii) To Inspect any book of account or other document or any stock of the product used or suspected to be used in the business of dealer, transporter, consumer or any other person suspected to be an employee or agent of the dealer, transporter, consumer;

Take samples of the product and/or seize any of the stocks of the product which the officer has reason to believe has been or is being or is about to be used in contravention of this order and hereafter take or authorize the taking of all



measures necessary for securing the production of stocks/items so seized before the Collector having jurisdiction under the provisions of the Essential Commodities Act, 1955 (10 of 1955) and for their safe custody pending such productions.

(B) While exercising the power of seizure provided under sub-clause (4), the authorized officer shall record in writing the reason for doing so, a copy of which shall be given to the dealer, transporter, consumer or any other concerned person.

(C) The provisions of section 100 of the Code of Criminal Procedure, 1973 (2 of 1974), relating to search and seizure shall, as far as may be applied to searches and seizures under this order.

**(5) Sampling of product: -**

(1) The officer authorized in clause 4 shall draw the sample from tank, nozzle, vehicle or receptacle as the case may be to check the density and/ or other parameters of the product conform to requirements indicated in schedule-I, *or specifications laid down by the Central Government, as case may be.* {(Italics added by the Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Amendment Order, 2001. Published in Part-II, Section 3- Subsection-(i) of the Gazzete Of India (Extraordinary) dated 01-11-2001 vide GSR No. 814(E).} *This clause was substituted by “The officer authorized in clause 4 shall draw the sample from tank, nozzle, vehicle or receptacle as the case may be to check the density and/ or other parameters of the product conform to requirements indicated in schedule-I, or any other requirement specified by the Central Government, from time to time.”* [This was done by Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Second Amendment Order, 2002, Published in Part-II, Section 3- Subsection- (i) of the Gazzete Of India (Extraordinary) dated 04-09-2002 vide GSR No. 618 (E).]

(2) The Officer authorized in clause 4 shall draw and seal the six samples of one litter each of Motor Spirit or 3 samples of one litter of High Speed Diesel .2 samples of Motor Spirit(High Speed Diesel ) would be given to the dealer or transporter or concerned person under the acknowledgement with instructions to preserve the sample in his safe custody till the testing or investigations are completed, 2 samples of MS (and/ or one of

HSD), would be kept by the concerned oil company or department and the remaining two samples of MS (and/ or one of HSD), would be used for laboratory analysis. Sample shall be taken in clean glass or aluminium container (Plastic container shall not be used for drawing samples).

- (3) Samples should be taken in clean glass or aluminium containers. Plastics containers shall not be used for drawing samples.
- (4) The sample label should be jointly signed by officer who has drawn the sample, and the dealer or transporter or concerned person or his representative and the label shall contain information as regards the product, name of retail outlet, quantity of sample, date, name and signature of the officer, name and signature of the dealer or transporter or concerned person or his representative.
- (5) The authorised officer shall send the third sample of the product taken under sub-clause (2) within 10 days to any of the laboratories mentioned in schedule III appended to this order or such other laboratory as notified by the Government in the Official Gazette for this purpose, for analysis with a view to checking whether the density and other parameters of the product conforms to requirements indicated in Schedule I, *or specifications laid down by the Central Government, as case may be.* (Italics added by the Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Amendment Order, 2001. Published in Part-II, Section 3-Subsection-(i) of the Gazzete Of India (Extraordinary) dated 01-11-2001 vide GSR No. 814(E).)

**(6) Power of central government to issue directions: -**

The Central Government may, from time to time, by a general or special order issue to any dealer, transporter or consumer or any other such person, such directions as it consider necessary regarding storage, sale, transportation and disposal of Motor Spirit or High Speed Diesel and upon the issue of such directions, such dealer, transporter or consumer shall be bound to comply therewith.

**(7) Provisions of the Order to prevail over previous Order of State Governments, etc.: -**

The provisions of this order shall have effect notwithstanding anything to the contrary contained in any order may be a State Government or by an officer of such State

Government before the commencement of this Order except as respects anything done, or omitted to be done thereunder before such commencement.

**(8) Repeal and Saving:-**

(1) The Motor Spirit and High Speed diesel (Prevention of Malpractice in Supply and Distribution) Order, 1990, is hereby repealed.

(2) Notwithstanding such repeal, anything done or any action taken under the Motor Spirit and High Speed diesel (Prevention of Malpractice in Supply and Distribution) Order, 1990 shall, in so far as it is not inconsistent with the provisions of this order, be deemed to have been done or taken under the corresponding provisions of this order.

Devi Dayal  
Addl. Secretary to the Govt. of India.

**IS 2796:1995**  
**SCHEDULE-1**

(See Clause 2(a))

**Table 1: Requirements for Motor Gasoline**  
**(Clauses 4.1.1, 4.3 and 4.4.1)**

No.	Characteristics	Requirements			Methods of test, Ref. No.	
		Octane unleaded	87 octane leaded	93 octane leaded	P : of IS 1443	Annex of this Standard
(1)		(3)	(4)	(5)	(6)	(7)
i)	Colour, Colour, Visual	Colorless	Orange	Red		---
ii)	Copper strip corrosion for 3 h at 50°C	Not more than No. 1			[P: 15]	---
iii)	Density at 15°C, Kg/m <sup>3</sup>	Not limited but to be reported			[P: 16]	---
iv)	Distillation				[P: 18]	---
a)	Initial boiling point	Not limited but to be reported				
b)	Recovery upto 70°C (E 70) per cent by volume	10-45	10-45	10-45		
c)	Recovery upto 100°C (E 100) per cent by volume	40-70	40-70	40-70		
d)	Recovery upto 180°C (E 180) percent by volume, min.	90	90	90		
e)	Final boiling point, max.	215°C	215°C	215°C		
f)	Residue, per cent by volume, max	2	2	2		
v)	Octane requirements:					
a)	Research octane number, min Or	87	87	93	[P: 27]	
b)	Anti-knock index, (RON+MON)/2, min.	82	82	88	[P: 26] and [P: 27]	
vi)	Potential gum <sup>1</sup> , g/m <sup>3</sup> , Max.	50	50	50		
vii)	Existent gum, g/m <sup>3</sup> , Max.	40	40	40	(Air jet solvent washed)	
viii)	Sulphur, total, per cent by mass, max	0.20	0.20	0.20	[P: 34]	
ix)	Lead content (as Pb) <sup>3</sup> , g/l, Max	0.013	0.56	0.80	[P: 38] <sup>4</sup> or [P:82]	

x)	Reid vapour pressure (RVP) at 38°C, kPa	35-70	-70	35-70	[P: 39] <sup>5</sup>	
xi)	Water tolerance of gasoline-alcohol blends, temperature for phase separation, °C, max.					Annex B
a)	Summer <sup>6</sup>	10	10	10		
b)	Winter <sup>7</sup>	0	0	0		
xii)	Vapor lock index (VLI) (VLI=10 RVP + 7E70), Max					
a)	Summer <sup>6</sup>	750	750	750		
b)	Other months	950	950	950		

<sup>1</sup> To be carried out at the refinery end only, and the limit for the test is meant for products prior to addition of multifunctional additives, if used. However, the use of multifunctional additives does not exempt the manufacturer from meeting this requirement prior to addition of additives.

<sup>2</sup> Under preparations. Till such time ASTM D 873-88 (4 hour duration) shall be followed. This test shall be carried out on the gasoline before addition of multifunctional detergent/dispersant additives, as these may interfere with the test.

<sup>3</sup> Lead content will be phased out as per the government directives as and when they are notified and the requirements of lead content shall apply accordingly.

<sup>4</sup> For unleaded gasoline test method ASTM D 5058/IP 352 shall be followed

<sup>5</sup> For the gasoline-alcohol blends, the dry vapour test method given in Annex A shall be followed

<sup>6</sup> From May to July in central and northern plants of India

<sup>7</sup> In winter it is expected that temperature may be lower than 0°C in the northern hilly region and hence phase separation shall not take place till -10°C

**Amendment no. 1 march 1997 to IS 2796:1995 Motor Gasoline's - Specification (Second Revision) IS 1460-1995 Table 1 Requirement for Diesel Fuels (Clause 4.2)**

<b>No.</b>	<b>Characteristics</b>	<b>Requirements HSD</b>	<b>Method of Test, Ref. to.</b>
1)	Acidity, inorganic	Nil	P: 2
	Acidity, total, mg of KOH/g.	0.30	P: 2
	Ash, percent by mass, Max	0.01	P: 4
	Carbon residue (Ramsbottom) on 10 per cent residue, per cent by mass, max	0.35 <sup>(1)</sup>	P: 8
	Cetane number <sup>(2)</sup> , Min	45 <sup>8</sup>	P: 9
	Pour point <sup>(3)</sup> , max	6°C for winter and 18°C for summer <sup>(4)</sup>	P: 10
	Copper strip corrosion for 3 h at 100°C	Not worse than No. 1	P: 15
	Distillation, 90 per cent volume recovery at °C Max.	366	P: 18
	Flash <sup>(5)</sup>		
	a) Abel, °C, Min.	32	P: 20
	b) Pensky-Martens, °C, Min	-	P: 21
	Kinematic viscosity, cSt, at 40°C	1.8 to 5.0	P: 25
	Sediments, per cent by mass, Max	0.05	P: 30
	Density at 15°C, kg/m <sup>2</sup>	820-880	P: 32
	Total sulphur <sup>(6)</sup> ,m per cent by mass, Max	1.0	P: 33
	Water content, per cent by volume, Max	0.05	P: 40
	Cold Filter Plugging Point (CFPP) <sup>(2)</sup> , Max	9°C for winter and 21°C for summer <sup>(4)</sup>	P: 110
	Total sediments, mg per 100 ml <sup>(7)</sup> , max	1.6	----

- 1) This limit is applicable prior to addition of cetane number improvers, if used. In case a value exceeding the limit is obtained on finished fuels in the market, ASTM D 4046 shall be used to establish the presence of nitrate containing cetane number improvers. In such case the present limit for carbon residue cannot be applied. However, the use of cetane number improvers does not exempt the manufacturer from meeting this requirement prior to the addition of additives.
- 2) When a test engine is not available or when the quantity of the sample is too small for an engine rating "Calculated Cetane Index by Four Variable Equation" by ASTM D 4737 may be used for estimation of cetane number. The error in prediction of the 'Calculated Cetane Index' by this method will be less than  $\pm 2$  Cetane Number for fuels having Cetane Number within the range of 32 to 56. It may be noted that this method is not applicable to pure hydrocarbons or fuels containing cetane improvers or fuels derived from coal. For arbitration purposes, the direct determination of cetane number by means of the standardized engine test shall be used unless the buyer and the seller agree otherwise.
- 3) Subject to agreement between the purchaser and the supplier, a lower or higher maximum pour point and CFPP may be required for special applications and geographical areas.
- 4) Winter shall be the period from November to February (both month inclusive) and rest of the months of the year shall be called as summer.
- 5) Diesel fuel for naval applications including Merchant navy and fishing vessels of 12 metres and above in length shall have a flash point of 66°C Min. when tested by the method prescribed in IS 1448 [P: 21]: 1970.
- 6) Total sulphur content for HSD shall stand automatically revised as per the following schedules; although efforts will be made by the oil companies to reduce sulphur content below 1.0 per cent by mass even before 1998:

	1998	2000
Total sulphur content		
per cent by mass, Max	0.50	0.25

- 7) This test shall be carried out only at the refinery or manufacturer's end and the limit for this test is meant for products prior to addition of multifunctional additives if used. However, the use of multi-functional additives does not exempt the manufacturer from meeting this requirement prior to the addition of additives.



**AMENDMENT NO. 1 MARCH 1997**  
**TO**  
**IS 1460: 1995 DIESEL FUELS - SPECIFICATION**  
**(Third Revision)**

(Page 1, clause 2) - Insert "[P: 16] : 1990 Density of crude petroleum and liquid petroleum products by hydrometer method (third revision) '[P:15] : 1976'.

[Page 3, Table 1, SI No. (v), col. 3] - Substitute '45'<sup>8</sup> for '45' and insert following footnote after foot-note<sup>7</sup>.

<sup>8</sup> For diesel fuel processed from Assam crude, the value of 42 minimum shall apply till 31 December 1999'.

[Page 3, Table 1, foot-note<sup>6</sup>] - Substitute the following for the existing footnote.

<sup>6</sup> Total sulphur content for HSD shall stand automatically revised as per the following schedule:

i) 0.5 per cent Max for the HSD supplied to 4 metropolitan cities of Delhi, Bombay, Madras and Calcutta and the Taj trapezium with effect from 1 April 1996.

ii) 0.25 per cent Max in Taj trapezium by 1 October 1996.

iii) 0.25 per cent Max throughout the country with effect from 1 April 1999

[Page 3, Table 1, SI No. (xiii), col. 6] - Substitute 'P:33'<sup>9</sup> for '33' and insert following foot-note after new foot-note<sup>8</sup>.

<sup>9</sup> The test method given in IP 336 may also be permitted for testing of total sulphur as an alternative method. However, in case of dispute, method given in P:33 of IS 1448 shall be the referee method'.

[Page 3, Table 1, foot-note<sup>7</sup>] - Substitute the following for the existing:

<sup>7</sup> The test shall be carried out only at the refinery or manufacturer's end.

As an alternative, the test method ASTM D 2274 may be used and in such case the value of total insoluble shall be 2.5 mg/100 ml Max. In case of dispute with regard to the test to be followed, ASTM D 2274 shall be the referee test method'.

[Page 3, Table 1, SI No. (xii), col. 6] - Substitute 'P:16'<sup>10</sup> or P:32 'P:32] and insert the following foot-

note after new foot-note<sup>9</sup>.

<sup>10</sup> In case of dispute with regard to the test to be followed, P: 32 shall be the referee test method'

**SCHEDULE II**  
**(See Clause 2 (k))**

**Details of norms for permissible stock variation**

**Variation in stocks in underground tanks is considered to be beyond normal operation level when the inspection establishes that the variation in stocks in the underground tanks is beyond 4% of tank stock over and above:**

- (i) Evaporation/handling losses in motor spirit as follows -  
0.75% on annual average sales of 0-600 kilolitres.  
0.60% on annual average sales of above 600 kilolitres.
- (ii) Handling losses in high speed diesel as follows -  
0.25% on annual average sales of 0-600 kilolitres.  
0.20% on annual average sales of above 600 kilolitres.

(Shrinkage losses on motor spirit and high speed diesel and temperature variation allowance quantities on HSD to be taken into account wherever the same are applicable).

**Note:** In case of variation beyond permissible limits in the stocks of motor spirit of high speed diesel, dealer's explanation will be called for before any action is taken under the provisions of this order.

### **SCHEDULE III**

**(See Clause 5(5))**

#### **Laboratories for testing of Petroleum Product Samples**

##### **Hindustan Petroleum Corporation Limited Laboratories**

- 1) Hindustan Petroleum Corpn. Ltd., Fuels Refinery Division Laboratory, Corridor Road, Mahul, Mumbai - 400074.
- 2) Hindustan Petroleum Corpn. Ltd., Lubes Refinery Laboratory, Corridor Road, Mahul, Mumbai - 400 074.
- 3) Hindustan Petroleum Corpn. Ltd., Visakh Refinery Laboratory, P.O. Box No. 50, Vishakhapatnam - 530001.
- 4) Hindustan Petroleum Corpn. Ltd., Mazgaon Laboratory, Havbundor Road, Mumbai - 400 033.
- 5) Hindustan Petroleum Corpn. Ltd., Budge Budge Laboratory, Budge, B udge, 24 Paraganas, West Bengal - 743 319.
- 6) Hindustan Petroleum Corpn. Ltd., Laboratory, 98/99,m Elaya Mudali Street, P.O. Box No. 1170, Washermanpat P.O., Chennai.
- 7) Hindustan Petroleum Corpn. Ltd., Laboratory Rohtak Road, Shakurbasti, Delhi - 110056.
- 8) Hindustan Petroleum Corpn. Ltd., Laboratory P.B No. 43, Gandhidham (Kachch) - 370201.
- 9) Hindustan Petroleum Corpn. Ltd., Vasco Terminal Laboratory, P.B. Nbo. 48, Vasco-D-Gama, Goa.
- 10) Hindustan Petroleum Corpn. Ltd., Ernakulam Terminal Laboratory, P.B. No. 2611, Ernakulam, Cochin-682031.
- 11) Hindustan Petroleum Corpn Ltd., Loni Terminal Laboratory, Loni Kalbhor, Pune-412201.
- 12) Hindustan Petroleum Corpn. Ltd., D-99, TTC Indl. Area, P.B. No. 23, Vashi- 400703, New Mumbai.

**Indian Oil Corporation Ltd.**

- 13) Indian Oil Corporation Ltd., (Marketing Division), Allahabad Laboratory, Post Box No. 44, Allahabad - 211 001.
- 14) Indian Oil Corporation Ltd., Ambalal Laboratory, G.T. Road, Pipeline Terminal Ambala Cantonment, PIN-133001 (Haryana).
- 15) Indian Oil Corporation Ltd., Jalandhar Laboratory, Suchipind, Jalandhar City - 144 009.
- 16) Indian Oil Corporation Ltd., Mughalsarai Laboratory, Mughalsarai-232 101.
- 17) Indian Oil Corporation Ltd., Haldia Laboratory, P.O. Haldia Refinery, Dist. Midnapur (West Bengal).
- 18) Indian Oil Corporation Ltd., Port Blair Laboratory, Andaman and Nicobar Island, Port Blair.
- 19) Indian Oil Corporation Ltd., Bangalore Laboratory, Banasawadi Road, M.S. Nagar, Bangalore - 360 033.
- 20) Indian Oil Corporation Ltd., Antop Hill Laboratory, Antop Hill, Wadala, Mumbai - 400 031.
- 21) Indian Oil Corporation Ltd., Shakurbasti Laboratory, Opp. Shivaji Park, Shakurbasti, Delhi - 110056.
- 22) Indian Oil Corporation Ltd., Delhi Terminal Laboratory, Gurgaon Road, Bijwasan, New Delhi.
- 23) Indian Oil Corporation Ltd., Calcutta Airport Terminal Laboratory, (Dum Dum Lab.), Calcutta Airport, Calcutta - 700 052.
- 24) Indian Oil Corporation Ltd., Korkapet Laboratory, Kathiavakkam High Road, Chennai - 600 021.
- 25) Indian Oil Corporation Ltd., Laboratory, Railway Colony Post, Ahmedabad - 300 019.
- 26) Indian Oil Corporation Ltd., Rajabandh Terminal Laboratory, Durgapur - 713212.

- 27) Indian Oil Corporation Ltd., Laboratory, Sipara, Post Persav, Poon Poon, Patna.
- 28) Indian Oil Corporation Ltd., Laboratory, Near New Jalpaiguri Station, Post Siliguri-734 401.
- 29) Indian Oil Corporation Ltd., Laboratory, Village Panchpara, P.O. Radhadashi, Distt. Howrah.
- 30) Indian Oil Corporation Ltd., Laboratory, Panambur, Mangalore, Pin - 575 010.
- 31) Indian Oil Corporation Ltd., Laboratory, Wellington Islands, P.B. No. 35, Cochin-682003.
- 32) Indian Oil Corporation Ltd., Naphtha Terminal Project Laboratory, Opp. United Salt Works, Kandla Port, Post Office, Kandla (Kutch).
- 33) Indian Oil Corporation Ltd., Laboratory, P.B. No. 154, Vasco-D-Gama, Goa- 403 001.
- 34) Indian Oil Corporation Ltd., Laboratory, Malkapuram Post Office, Vishakhapatnam - 530011.
- 35) Indian Oil Corporation Ltd., Laboratory, Tuticorin Harbour Project Premises, Tuticorin - 628 004.
- 36) Indian Oil Corporation Ltd., Laboratory, Post Office Armapore, Kanpur - 208 009.
- 37) Indian Oil Corporation Ltd., Laboratory, 24 Paraganas, Budge Budge - 743 319.
- 38) Indian Oil Corporation Ltd., Laboratory, Post Office Fateh Bagh, Industrial Estate, Sannath Nagar, Hyderabad - 500 018.
- 39) Indian Oil Corporation Ltd., Mathura Refinery Laboratory, P.O. Mathura Refinery, Mathura - 231 005 (U.P.).
- 40) Indian Oil Corporation Ltd., Laboratory, Barauni Oil Refinery Laboratory, Distt. Begusarai - 851 112 (Bihar).
- 41) Indian Oil Corporation Ltd., Gauhati Oil Refinery Laboratory, Noonmati, Gauhati - 701 020 (Assam).
- 42) Indian Oil Corporation Ltd., Gujarat Oil Refinery Laboratory, P.I., P.O.

- Jawaharnagar, Distt. Vadodra - 391 320.
- 43) Indian Oil Corporation Ltd., (Assam Oil Division), Digboi Refinery Laboratory, P.O. Digboi, Assam - 786 171.
- 44) Indian Oil Corporation Ltd., (R&D) Centre), Sector 13, Faridabad - 121 001 Haryana.
- 45) Indian Oil Corporation Ltd., Laboratory, "Pir Pau", Trombay, Mumbai - 400074.
- 46) Indian Oil Corporation Ltd., Laboratory, Ennore High Road, Tondiarpet, Thiruvottyur Post, Chennai - 600 081.
- 47) Indian Oil Corporation Ltd., Laboratory, P-68, C.G.R. Diversion Road, Paharpur, Calcutta -700 043.
- 47-A) Indian Oil Corporation Ltd., Bhilai Laboratory, Near Railway Goods Shed, Bhilai (M.P.).
- 47-B) Indian Oil Corporation Ltd., Bhopal Laboratory, Diwangiri, Nishatpur, Bhopal - 462 001
- 47-C) Indian Oil Corporation Ltd., Haldia Laboratory, P.O. Haldia Refineries, Distt. Midnapur, West Bengal.
- 47-D) Indian Oil Corporation Ltd., Missamari Laboratory, Dist. Darrang, P.O. Missamari, Assam.
- 47-E) Indian Oil Corporation Ltd., Jaipur Laboratory, Sanganer Airport, Jaipur - 302 011.

**Bharat Petroleum Corporation Ltd. Laboratories**

- 48) Bharat Petroleum Corpn. Ltd., R&D Centre, 'A' installation, Sewree (East), Mumbai - 400 013.
- 49) Bharat Petroleum Corpn. Ltd., Budge Budge Installation Lab. Budge Budge, P.O. Budge Budge, West Bengal - 743 319.
- 50) Bharat Petroleum Corpn. Ltd., Tondiarpet Intallation Lab. Tondiarpet, P.B. No. 1152, Chennai - 600 001.
- 51) Bharat Petroleum Corpn. Ltd., Shakurbasti Installation Lab. Shakurbasti, Delhi .

- 52) Bharat Petroleum Corpn. Ltd., Ernakulam Installation Lab., P.B. No. 2615, Goods Shed Road, Emakulam, Cochin - 682 031.
- 53) Bharat Petroleum Corpn. Ltd., Kandia Installation Lab. P.B. No. 33, Post Gandhidham, Gujarat - 370 201.

#### **IBP Co. Limited Laboratory**

- 54) IBP Co. Ltd., Sewree Terminal Laboratory, Mumbai 400 015.
- 55) IBP Co. Ltd., IBP Depot Laboratory, Rohtak Road, Shakurbasti, New Delhi - 110 034.
- 55-A) IBP Co. Ltd.'s Laboratory, 93, M.S. Koil Street, Near Royapuram Bridge, Massey's Godown, Chennai.
- 55-B) IBP Co. Ltd., Cauvery Basin Marketing Termiknal, Muttam Village, Melavanjore P.O. Nagapattinam - 611 002, Nagore Taluk, Nagai Qued-e-Millet Dist., Tamil Nadu.
- 55-C) IBP Co. Ltd., 3, Grahm Road, Budge Budge, 24, Paraganas (S), West Bengal.

#### **Mobile Laboratories of Oil Companies**

- 56) Mobile Laboratories of Oil Companies (IOC, BPC, IBP Co. & HPC)

#### **Other Refinery Laboratories**

- 57) Bongaigaon Oil Refinery Ltd., Refinery Laboratory, P.O. New Bongaigaon, Dist. Kokrajhar, Assam.
- 58) Madras Refinery Laboratory, Madras Refineries Ltd., Manali, Chennai - 600 019.
- 59) Cochin Refinery Ltd., Refinery Laboratory, Post Ambalamugal, Cochin - 682 302.

#### **Government Laboratories**

- 60) Director of Airworthiness, Civil Aviation Deptt. Laboratory, Block II/III East, R.K. Puram, New Delhi - 110 066.
- 61) National Test House, 11/1, Judges Court Road, Alipore, Calcutta - 700 027.
- 62) National Physical Laboratory, Pusa, New Delhi - 110012.



62-A) Chemical Testing and Analytical Laboratory, Industries and Commerce Department, Government of Tamil Nadu, Guindy.

**Defence Laboratories**

- 63) Chief Controlate of Materials, Controlrate General of Stores Laboratory, IGS Kanpur, P.B. No. 229, Kanpur.
- 64) Inspectorate General of Stores Laboratory (I.G.S.L.), DGI Complex, Chennai - 600 114.
- 65) Inspectorate General of Stores Laboratory, DGI Complex, Hastigs, Calcutta - 700 0221.
- 66) Inspectorate General of Stores Laboratory, DGI Complex, Vikhroli, Mumbai - 400 083.

**Other Laboratories**

- 67) Indian Institute of Petroleum, Dehra Dun - 248 005.
- 68) Indian Institute of Technology, Guindy, Chennai
- 69) Indian Institute of Technology, Hauz Khas, New Delhi.
- 70) Indian Institute of Technology, Powal, Mumbai
- 71) Indian Institute of Technology, Kharagpur
- 72) Regional Research Laboratory, Uppal Road, Hyderabad - 500 007.

And all Forensic Laboratories in States/UTs.

### **Amendment of Schedule-III**

Schedule III amended as per follows by the Motor Spirit and High Speed Diesel (Regulation of Supply and Distribution and Prevention of Malpractices) Second Amendment Order, 2002, published in Part-II, Section 3, Subsection - (i), of the Gazette of India (Extraordinary) dated 04.09.2002 vide GSR No.618 CE).

#### **in Schedule III**

- after item (12) and entries thereto, the following shall be included, namely:-  
“(12A) Hindustan Petroleum Corporation Limited, Paradeep Terminal, Paradeep Dist. Jagatsinghpur, 753003 (Orissa).”
- (ii) after item 47-E and entries thereto, the following shall be inserted, namely:-  
“(47F) Indian Oil Corporation Limited, Paradeep Terminal Laboratory, Atharabanki, P.O. Paradeep Port, 754142 (Orissa)  
(47G) Indian Oil Corporation Limited Panipat Laboratory, Panipat Marketing Complex, Village Baholi, P.O. Badiana, Panipat (Haryana).  
(47H) Indian Oil Corporation Limited, Panipat Refinery Laboratory, Village Baholi, P.O. Dadiana, Panipat (Haryana).”
- (iii) For items (58) and (59) and entries relating thereto, the following shall be substituted, namely:-  
“(58) Chennai Petroleum Corporation Limited, Refinery Laboratory, Manali, Chennai 600019, Tamil Nadu.  
  
(59) Kochi Refinery Limited, Refinery Laboratory, Post Ambalamugal, Kochi 682302, Kerala”.
- (iv) under the head Other Refinery Laboratories, after item 59 the following shall be inserted, namely:-  
“(59A) Mangalore Refinery and Petrochemicals Limited Refinery Laboratory, Kuthethoor, P.O. Katipalla, Moodapadav, P.B. No.2 Mangalore, 574 149, Karnataka.  
  
(59B) Reliance Petroleum Limited Refinery Laboratory, Moti Khavdi (VIII), Digvijayagram (PO), Jamnagar (Dist.), 361 140, Gujarat”;
- (v) under the head ‘Government Laboratories’, after item 62 the following shall be inserted, namely:-

“(62B) Fuel Testing Laboratory, Society for Petroleum Laboratory, B-14, Sector 62, Noida, U.P.”

(vi) under the head ‘Other Laboratories’, after item 72 the following shall be inserted, namely:-

(73) Ramdev Baba Engineering College, Kalol Road, Nagpur, 440 013, Maharashtra.

(74) Lakshmi Narayan Institute of Technology, Amravati Road, Nagpur, 400 010 Maharashtra

[F.No.P-45018/28/2000-CC]

S. VIJAYARAGHAVAN, Jt. Secy.

**Schedule IV**  
**[See clause (3B)]**  
**APPLICATION FORM**

(For issue of authorization of market Motor Spirit and High Speed Diesel)

To

The Joint Secretary,  
Ministry of Petroleum and Natural Gas,  
Government of India,  
Shastri Bhawan,  
New Delhi-110 001

**1. Name of Applicant**

2.0 Type of firm (Strike out whichever is not applicable)

2.1 Public Limited Company/ Private Limited Company/ Partnership firm/  
Proprietorship firm/ others.

**3.0 Address**

3.1 Registered office

**4. Names, addresses, telephone numbers of Directors/ Partners/ Proprietor.**

**5.0 Details of investment made and/or proposed to be made in eligible activities along with completion schedule of the project for new and incomplete projects.**

- (i) setting up new grass root refineries and/or expansion of the existing refineries along with facilities like crude oil receipt and transportation facilities.
- (ii) exploration and production of hydrocarbons including coal bed methane and associated facilities like crude oil/natural gas pipelines, crude oil and natural gas processing plants.
- (iii) terminals for crude oil/ LNG.
- (iv) common carrier natural gas/ petroleum products/ LPG pipelines;
- (v) investment in the above activities for setting up additional assets for improvement in quality of product to meet environmentally related norms.

*Note: The activities other than those specified above would not be eligible.*

**6.0 Time for the completion of new and incomplete project to be indicated with completion date.**

**7.0 Details of scheme of marketing: -**

- (i) the source of supply of products to be marketed;
- (ii) tankage and other infrastructure established/ proposed to be established along with their capacity.
- (iii) means of transportation of products to depots and to retail outlets;
- (iv) the number and locations of retail outlets proposed to be established and details

- of their storage and dispensing capacity;
- (v) the total quantum and type of products to be covered under the marketing scheme.

*Note: Details on the above may be separately attached.*

**8.0 The mode of compliance relating to retail service obligations and marketing service obligations.**

- (i) number of retail outlets proposed to be set up in remote areas/ low services areas;
- (ii) other marketing infrastructure proposed to be set up in remote areas/ low service areas;
- (iii) commercial agreements proposed, if any, with the existing marketing companies.
- (iv) others (please specify)

**9. Details of application fee paid**

**DECLARATION**

Certified that the above information is true to the best of my knowledge and belief and the information as annexures and statements accompanying this application are correct, complete and truly stated and if any statement made herein is found to be incorrect, I shall be liable for action under the provisions of law.

[F.No.P-23015/2001-Mkt.]  
S. VIJAYARAGHAVAN Jt. Secy.

*[This schedule was added by Motor Spirit and High Speed diesel (Regulation of Supply and Distribution and Prevention of Malpractice) Amendment Order, 2002, Published in Part-II, Section 3- Subsection-(i) of the Gazzete Of India (Extraordinary) dated 16-03-2002 vide GSR No. 211(E).]*

## **MINISTRY OF PETROLEUM AND NATURAL GAS NOTIFICATION**

New Delhi, the 26<sup>th</sup> December, 2002

**G.S.R. 843 (E)**- In exercise of the powers conferred by Section 3 of the Essential Commodities Act, 1955 (of 1955) read with clause 3(F) of the Motor Spirit and high Speed Diesel (Regulation of Supply and Distribution and Prevention of Malpractices) Order 1998 and in partial modification of the Notification of the Government of India in the Ministry of Petroleum & Natural Gas Number G.S.R. 6.14(F) dated 12<sup>th</sup> September, 2002 the Central Government hereby permits sale of only 5% ethanol blended petrol in the States of Andhra Pradesh, Maharashtra, Punjab and Uttar Pradesh starting in phased manner from the first January 2003 and covering of the entire area of the said States by the 30<sup>th</sup> June, 2003.

The Central Government further permits to cover the entire States of Tamil Nadu, Goa, Haryana, Gujrat and Karnataka and Union Territories of Chandigarh, Pondicherry; Daman Diu and Dadra Nagar Haveli with sale of only 5% ethanol blended petrol by the 30<sup>th</sup> June, 2003.

**(F.No. P-45018/28/2000-CC)**  
**S. Vijayaraghavan, Jt. Secy**

**MINISTRY OF PETROLEUM AND NATURAL GAS NOTIFICATION**  
**NOTIFICATION**

**New Delhi, the 15<sup>th</sup> May, 2005**

G.S.R.310 (E) - In exercise of the powers conferred by section 3 of the Essential Commodities Act, 1955 read with clause 6 of the Motor Spirit and High Speed Diesel (Regulation of Supply and Distribution and Prevention of Malpractices) Order, 1998, the Central Government hereby directs that different specifications of Motor Spirit (MS) and High Speed Diesel (HSD) shall be introduced in the country as under:-

- (i) Bharat State-II MS through out the country with effect from 1.4.2005;
- (ii) Bharat Stage-II HSD in all the States/ Union Territories except Rajasthan, Uttranchal, Madhya Pradesh, Punjab, Himachal Pradesh and Jammu and Kashmir; and the districts of Mathura, Mannauj, Muzafarnagar, Aligarh Farukkabad, Saharanpur, Badaun, Barreily, Moradabad, Hathras, Rampur, Bijnor, Pilibhit, J.P. Nagar, Mainpuri, Lalitpur, Hardoi, Firozabad, Jhansi, Shahjahanpur, Etawah, Jalon, Lakhimpur Kehri, Etah, Mahoba and Sitapur in Uttar Pradesh with effect from 01.04.2005;
- (iii) Euro-III equivalent MS and HSD in all eleven identified cities namely, Delhi/ National Capital Region, Mumbai, Kolkata, Chennai, Bangalore, Hyderabad, Ahmadabad, Pune, Surat, Kanpur and Agra with effect from 01.04.2005; and
- (iv) Euro-III equivalent MS in Sholapur and Lucknow cities with effect from 01.06.2005.

(F.No.P-11013/8/2005-Dist.)

**PUNJAB GOVT. GAZ. (EXTRA), FEB. 7, 2000 (MAGH, 18,1921 SAKA)**

**GOVERNMENT OF PUNJAB**

**DEPARTMENT OF FOOD AND SUPPLIES**

Notification

The 7<sup>th</sup> February 2000

No. 4S(367) – 2000/400- In exercise of the powers conferred of clause 4 of the Motor Spirit and High Speed Diesel (Regulation of Supply and Distribution and Prevention of Malpractices) Order, 1998 the Governor Of Punjab is pleased to authorize, the Director, Additional Director, Joint Directors, Deputy Directors, Assistant Directors, District Food And Supplies Controllers, Food and Supplies Officers, Assistant Food and Supplies Officers, in the Department of Food and supplies in their respective jurisdiction for the purposes of the aforesaid clause 4.

Date: 1<sup>st</sup>Jan., 2000.

P.RAM

Secretary, Food and Supplies, Punjab.

No. 4S(367)-2000/828

Dated Chandigarh 23-01-2000