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PART II

Statutory Notifications (S. R. O.)

GOVERNMENT OF PAKISTAN
MINISTRY OF ENERGY
(Power Division)

[NATIONAL ENERGY EFFICIENCY AND CONSERVATION AUTHORITY]

NOTIFICATION

Islamabad, the 14th March, 2024

S. R. O. 411(I)/2024.—In exercise of the powers conferred by section 21 read with subsection (3) of section 4 and sub-section (u) of section 7 of the National Energy Efficiency and Conservation Act, 2016 (XXX of 2016), the National Energy Efficiency and Conservation Board, in consultation with the National Energy Efficiency and Conservation Authority, makes the following regulations, namely:—

PART-I

DEFINITIONS

1. Short title and commencement.—(1) These regulations shall be called the National Energy Efficiency and Conservation (Pakistan Energy Labels for Fans) Regulations, 2023.

(2) These regulations shall come into force at once.

1007(1—18).

Price: Rs. 40.00

[7374(2024)/Ex.Gaz.]

2. Definitions.—(1) In these regulations, unless there is anything repugnant in the subject or context,—

- (i) “Act” means the National Energy Efficiency and Conservation Act, 2016 (XXX of 2016);
- (ii) “applicant” means any local manufacturer, assembler or importer of electric fans as defined in these Regulations;
- (iii) “application” means an application made by an applicant, in hard or electronic form, in accordance with the provisions of these regulations and shall, where the context so permits, include the documents in support of such application;
- (iv) “authorization” means an authorization granted by the Authority for the use of Pakistan Energy Labels for fans;
- (v) “designated officer” means any officer of the Authority designated as such by the Managing Director of the Authority from time to time to perform certain functions as per these regulations;
- (vi) “energy efficient” means product is compliant to minimum energy performance standards and bearing Pakistan energy label;
- (vii) “fan” means propeller-bladed electric comfort fan primarily designed for creating air movement around or on part of a human body for personal cooling comfort, including fans that can perform additional functionalities such as lighting;
- (viii) “importer” means any person who is authorized to make import of fans;
- (ix) “manufacturer” means any person who is involved in manufacturing or assembling of fans;
- (x) “minimum energy performance standards (MEPS)” means the minimum energy performance standards as approved by the Authority and endorsed and adopted by PSQCA;

- (xi) "model" means the model or range of one model for the product of one particular brand, to which a single set of test report is applicable and where each of the models has the same physical characteristics, energy consumption or efficiency and performance characteristics;
- (xii) "NEECA" means National Energy Efficiency and Conservation Authority established under the National Energy Efficiency and Conservation Act, 2016 (XXX of 2016);
- (xiii) "Pakistan energy label" means a sticker as defined and approved by the Authority as per Schedule-IV and generated through the product registration system or issued by the Authority on the basis of the star rating commonly known as energy star rating. The star rating is calculated from the star rating band as per the Schedule-III;
- (xiv) "product" means the electric fans to be registered under these regulations;
- (xv) "PSQCA" means the Pakistan Standards and Quality Control Authority established under the Pakistan Standards and Quality Control Authority Act, 1996 (VI of 1996);
- (xvi) "schedule" means schedule to these regulations;
- (xvii) "seller" means a person who sells the product to any person within Pakistan whether directly or through some online process; and
- (xviii) "voluntary labeling scheme" means a scheme introduced by the Authority in the year 2016 for electric fans only.

(2) All other terms, words and expressions used, but not defined in these regulations, shall have the same meanings as are assigned thereto in the Act or any rules and regulations made thereunder.

PART-II

GRANT OF AUTHORIZATION OR REGISTRATION

3. (1) No person, manufacturer or importer shall sell or purchase any fan which is not energy efficient and not compliant to MEPS.

(2) In order to ensure that only energy efficient fans are sold in the market, these fans shall bear Pakistan energy label for fan.

4. **Application for grant of registration or authorization.**—(1) An applicant desiring registration shall make application to the Authority for registration or authorization to use or affix the Pakistan energy labels on the product.

(2) The applicant shall sign-up and login through the product registration system, link to which has been given on the Authority's website or an applicant may submit an application as per format provided in the Schedule-I. The contents and format of application form provided in the Schedule-I may be updated by the Authority on as and when required basis.

(3) The application with one time company registration fee, and product registration fee, product model registration or renewal and label fee as the case may be shall be submitted in the form of a non-refundable payee account demand draft in favor of the Authority or online payment channels as prescribed in the Schedule-II.

(4) For registration, the product shall meet the MEPS as prescribed by the Authority.

(5) The online or downloaded application form shall be duly filled in by giving correct and appropriate information, list of retailers or dealers with their contact details and addresses for the labelled products in different cities and required supporting documents as mentioned in the application form as provided in Schedule-I.

(6) The contents of the application with the required set of information as set out in Schedule-I, submitted by the applicant shall be reviewed by the Authority's technical evaluation committee and thereafter as per the recommendation of the said committee, the decision as to the registration or otherwise of the product shall be given by the Authority.

(7) The applicant shall be solely responsible for ensuring the accuracy of the information displayed on the label or any public claim for label level and quality of product and use of label only for approved product's model.

(8) The fans sought to be registered should conform to all the requirements of Pakistan Standard PS:1/2021 (Comfort Fans and Regulators for Household and Similar Purposes – Methods for Measuring Performance) with all its amendments, as applicable to participate in Pakistan Energy Labeling Program. PSQCA shall provide test report issued by an accredited laboratory or labs enlisted by the Authority for the particular models of electric fans for which grant of Pakistan Energy Label is required.

(9) The test reports shall be reviewed by the technical section or officials nominated by the Authority to ensure its compliance with the energy performance or service values specified in the Schedule-III and accordingly star

rating for the particular model of the product would be endorsed and registered manually or through the product registration system.

(10) In case there are changes in the energy efficiency parameters of the product or any other information on the label, then a fresh application shall be submitted and it will be processed accordingly.

(11) The liability of applicant for the authenticity of label will continue till those labeled products are available in the market.

(12) The result of evaluation shall be communicated to the applicant within fifteen working days after the approval or rejection by the Authority's technical evaluation committee and an authorization certificate to use the Pakistan energy label stickers shall be issued accordingly for the respective models through the product registration system or manual mode. In case of rejection, reasons for such rejection shall also be communicated to the applicant.

(13) The validity of the registration of model shall be for two years (from the date of registration) and thereafter, the applicant shall be required to get the registration re-issued in the manner provided herein for new registration.

5. **Design and specifications of Pakistan energy label.**—(1) The design and related information regarding Pakistan energy labels for the product shall be as per Schedule-IV. The design of the label as provided in the Schedule-IV may be updated from time to time as and when required by the Authority.

(2) The Authority shall embed security features in the label to enable verification of the authenticity of the labelled product. The security features shall be verifiable through modern technologies such as QR Code scanning.

PART-III

MONITORING

6. (1) For the purposes of monitoring, the Authority may seek information regarding all the registered products including the details of production, import and sales of the registered product.

(2) The Authority may, from time to time, either through its designated officers or third party firm or any designated agency shall carry out random monitoring to verify the compliance in using the Pakistan energy labels for the registered products by the manufacturers, assemblers, or importers.

(3) The following may be the considerations for the verification or monitoring of the registered products namely:—

- (i) pattern or design of label;
- (ii) validity of authorization of label users;
- (iii) label contents; and
- (iv) manner of display of label.

(4) In case, during the course of monitoring, any contravention of the provisions of the Act or other rules and regulations is observed, further action into the matter shall be taken in accordance with the provisions of Part-IV of these regulations.

PART-IV

CANCELLATION OF REGISTRATION OR PENALTIES

7. **Non-conformance of Pakistan energy label use.**— (1) If Pakistan energy label used or affixed on the product is found to be not conforming to the pattern or design, the way of use as approved by the Authority or the label is found misleading to the consumers or retailers or violation of energy consumption against notified standards, the Authority shall within fifteen days of coming to know of the violation, cause the designated officer to seek an explanation from such person (herein after referred to as the said person).

(2) The designated officer shall issue an explanation to the said person to explain the occurrence of the violation within a period of fifteen days from the receipt of the explanation.

(3) Where the said person admits the violation without offering an excuse, the registration of the product in question shall be cancelled and the product shall be prohibited from sale in the market.

(4) Where the said person admits the violation but maintains that there were valid reasons for such violation, he shall submit a written and reasonably detailed explanation of the reasons for such violation within a period of fifteen days.

(5) The Authority shall examine the explanation referred to in sub-regulation (4) within fifteen days of receipt thereof and shall, if so requested, allow the said person an opportunity of being heard in person or through his authorised representative.

(6) If the Authority accepts the explanation, it shall record the reasons for acceptance and shall order the matter closed.

(7) If the Authority rejects the explanation, it shall record the reasons for rejection of the response and shall pass an order regarding cancellation of the registration of the product. Beside the cancellation of registration, the Authority

may also direct for withdrawal of all the stocks from the market immediately and it may also recommend imposition of fine as determined by the Board as per Schedule-V.

(8) The decision of the Authority under sub-regulation (7) shall forthwith be communicated to the said person.

(9) The Authority may also communicate its decision as to cancellation of registration of the product to the relevant offices of Customs for prohibiting the import of such products which are in non-conformance of Pakistan energy label use in accordance with these regulations.

8. Complaints related to performance testing or test reports.—

(1) The testing required for verification shall be got conducted through an accredited lab or labs enlisted by the Authority for this purpose at the expense of the manufacturer or importer.

(2) For any random verification, the Authority shall carry out risk based sampling in the market and shall buy models from the market for verification test. At least one sample of the registered product shall be picked from the distributors or retailers by the monitoring team. If the registered product's model fails to pass the verification test, the registered company or firm of the model shall be issued a show cause notice. However, on request of such registered company or firm, the Authority may get the second check testing of the model conducted at the registered company's expense.

(3) In case of the second verification test, the Authority shall pick three samples of the same model from the market and test the samples. The cost of these three samples shall be borne by the manufacturer, assembler, importer, or retailer, as the case maybe, as per nature of complaint. The Authority shall inform the registered company or firm of the model about the date of second check testing.

(4) The manufacturer, seller or importer shall be responsible for providing due assistance to the Authority's monitoring team.

(5) In case of failure of performance test results as compared to the results of test conducted at the time of model registration under these regulations, the Authority shall pass an order regarding cancellation of the registration of the product. Beside the cancellation of registration, the Authority may also direct for withdrawal of all the stocks from the market immediately and it may also recommend imposition of fine as determined by the Board as per Schedule-V.

(6) The Authority may also communicate its decision as to cancellation of registration of the product to the relevant offices of Customs for prohibiting the import of such products which fail performance testing in accordance with these regulations.

PART-V

COMPLAINTS

9. (1) Any consumer of a registered product may lodge a complaint before the Authority, if the product is not in conformity with the approved specifications or standards or it does not bear the requisite label thereon.

(2) Upon receipt of the complaint, the Authority may cause the designated officer for issuing an explanation to the seller or manufacturer or importer of the product to show cause within fifteen days as to why further action in terms of the provisions of Part IV of these regulations may not be taken against him. If considered necessary, the designated officer may make site inspections or get the product tested through the accredited laboratory at the expense of the seller, or manufacturer or importer against whom the complaint was lodged.

(3) An opportunity of hearing may also be provided by the designated officer to the parties.

(4) Upon receipt of the response to the explanation issued under sub-regulation (2) or after making site inspection or testing of the product, the designated officer may make recommendations as to the decision of the complaint and may recommend to the Authority either for dismissal of the complaint or for taking further action in terms of Part-IV of these regulations.

(5) The decision upon such complaint shall be given by the Authority within sixty days of the lodging of the complaint.

(6) Any person aggrieved by the decision of Authority may file an appeal before the Energy Conservation Tribunal in accordance with the provisions of the Act.

PART-VI

SAVINGS

10. Savings. The manufactures who have already participated in the voluntary labeling scheme shall be deemed to be registered for a period of two years from the date of notification of these regulations and thereafter, they shall get registration of their product models in the forms and manner as provided for in these regulations.



SCHEDULE-I

[See regulations 4(2), 4(5) and 4(6)]



Pakistan Energy Labeling Scheme Registration Form For Fans (English)

1. Applicant information

a. **Name of Company/Firm:** _____

b. **Address:** _____

c. **Location of Factory/Plant:** _____

d. **Telephone:** _____

Factory: _____

Office: _____

e. **Name of Company Managing Director/Director of the factory/firm:** _____

f. **Name of Contact Person:** _____

Phone #: _____

Mobile#: _____

E-mail: _____

2. Whether the firm/factory is registered with the local Chamber of Commerce and Industry? If YES then fill the following;

Registration #: _____

Year: _____

3. Whether a member of any Association? YES ☐ NO ☐ If YES:

Name: _____

Membership No: _____

Year: _____

4. Whether you have sales/distributors/retailers network for the specific product? (Tick the applicable box)

Throughout Pakistan	<input type="checkbox"/>	Khyber Pakhtun Khwa	<input type="checkbox"/>
Punjab	<input type="checkbox"/>	Sindh	<input type="checkbox"/>
Azad Jammu & Kashmir	<input type="checkbox"/>	Baluchistan	<input type="checkbox"/>
Gilgit Baltistan	<input type="checkbox"/>		

5. Detailed information of the product for which labeling is required:

a. Model name/ number of non-labeled existing (or base) product (if any): _____

b. Rating of Product/Appliance: _____

c. Size/ capacity: _____

d. Color (specify all the available colors): _____

e. Is the product granted PS Mark by Pakistan Standards & Quality Control Authority (PSQCA)

YES ☐ NO ☐ If YES:

Specify the No. _____

f. Any other salient feature of the product regarding energy consumption/ efficiency: _____

6. Read and understand the National Energy Efficiency and Conservation (Pakistan Energy Labels for Fans) Regulations, 2023. Do you agree with the requirement, criteria and conditions for grant of Pakistan Energy Label given in these Regulations?

YES ☐ NO ☐

7. Specify the information about deposited non-refundable Fees payable to NEECA

☐ **Company Registration Fees:**

Demand Draft/ Pay Order No: _____

Dated: _____

for Amount Rs.: _____

☐ **Product/Appliance Registration Fee:**

Demand Draft/ Pay Order No: _____

Dated: _____

for Amount Rs.: _____

☐ Model Registration Fee:

Demand Draft/ Pay Order No: _____

Dated: _____

for Amount Rs.: _____

☐ Renewal Fee:

Demand Draft/ Pay Order No: _____

Dated: _____

for Amount Rs.: _____

8. Estimated production per annum of product/appliance of Model for which the application is submitted?

9. The following documents should be attached with the application

- a. Company Brochure
- b. Product Brochure/catalogue
- c. Product Test Report issued by an Accredited Lab
- d. Original Demand Draft(s)/ Pay Order(s)

Signature: _____

Name: _____

Designation: _____

Date: _____

(Stamp of the firm/company)



**Pakistan Energy Labeling Scheme
Registration Form For Fans (Urdu)**

حکومت پاکستان



درخواست نامہ برائے حصول "پاکستان انرجی لیبل"

1. درخواست دہندہ کی معلومات

- کمپنی کا نام:

- ایڈریس:

- ٹیلی فون / فیکس / پوسٹ کا ایڈریس:

- ٹیلی فون:

- ٹیلی فون:

- دفتر:

- کمپنی کے ہیڈ کوارٹر / ڈائریکٹر کا نام:

- انچارج شخص کا نام:

- فون نمبر:

- موبائل نمبر:

- ای میل:

2. کیا کمپنی / ٹیلی فون ایوان صنعت و تجارت کے ساتھ رجسٹرڈ ہے یا نہیں؟ اگر ہاں تو مندرجہ ذیل پر تھپکے:

رجسٹریشن نمبر:

سال:

3. کیا کسی ایسی ایجنٹ کے رکن ہیں؟ ☐ نہیں ☐ ہاں اگر ہاں تو:

نام:

رہائش نمبر:

سال:

4. کیا آپ کاروبار / خوردہ فروشوں (ریٹیلرز) / ڈسٹریبیوٹرز کا خصوصی معنومات کے لئے نیٹ ورک ہے یا نہیں؟ (قابل اطلاق بائیں پر نشان لگائیں)

☐ بلوچستان

☐ خیبر پختونخوا

☐ سندھ

☐ پنجاب

☐ پاکستان بھارت

☐ گلگت بلتستان

☐ آزاد جموں و کشمیر

5. معنومات کی تفصیلات جس کے لئے ہماری سہولت کی ضرورت ہے:

بجٹریس کے استعمال ہونے والا سبوتاژ معادل کا نام / نمبر (اگر ہے):

SCHEDULE-II**[See regulations 4(3)]****FEE STRUCTURE**

Sr. No	Fee Type	Fee in Pak Rs.
(1)	(2)	(3)
1	Company/Firm Registration Fee (One Time)	100,000/-
2	Product Registration Fee (One Time)	Nil
3	Model Registration/Renewal Fee (2 Years)	8,000/-
4	Pakistan Energy Label / Security Sticker Fee	27/-

Note: For the companies/importers which are going to register with the Authority within one year of notification of the regulations, the company/firm registration fee shall be waived off. The fee prescribed in column (3) of the table above shall have to be submitted by the companies or firms which shall register with the Authority after one year of notification of these regulations. The Authority may revise the fee subject to change in market price of testing, labeling, and other associated expenses.

SCHEDULE – III
[See regulations 2(xiii) and 4(9)]

Star Rating Band

Rated Voltage = Single Phase 230 Volts Rated Frequency = 50 Hz
Power Factor = Not less than 0.9

Product Type	Sweep (mm)	Maximum Rated Power Input (Watts)	Minimum Rated Air Delivery (m ³ / min.)	Service Value [m ³ / min/W] based Star Rating for Grant of NEECA's Pakistan Energy Label				
				1 Star	2 Stars	3 Stars	4 Stars	5 Stars
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Table/Desk, Wall/Bracket, Box/Exhaust, and Pedestal/Floor Fans	200	28.0	14	0.54	0.60	0.71	1.25	1.35
	250	30.8	20	0.74	0.79	0.91	1.42	1.52
	300	40.0	30	0.80	0.86	0.98	1.42	1.55
	350	48.0	35	0.90	0.95	1.08	1.42	1.55
	400	55.0	45	1.00	1.06	1.25	1.45	1.75
	450	65.0	70	1.10	1.19	1.42	1.46	1.80
	500	90.0	100	1.13	1.25	1.45	1.50	1.81
Ceiling Fans	600	125.0	170	1.30	1.43	1.65	1.70	1.82
	900	55.0	110	2.75	2.87	2.95	4.25	5.00
	1050	60	150	2.79	2.93	3.10	4.10	5.10
	1200	70.0	190	2.93	3.08	3.22	4.20	5.13
	1400	80.0	230-250**	3.15	3.32	3.45	4.45	5.15
	1500	90.0	300	3.33	3.52	3.68	4.50	5.25
	1800	105.0	360	3.47	3.67	3.81	4.70	5.30

* MEPS 1 Star Rating and allied parameters shall be treated equivalent to the National Standard i.e. Pakistan Standard PS1/2021.

Note: The sweep size exceeding the specific given dimensions, the corresponding parameters in the table related to the next highest sweep size shall apply.

**** Star Rating Minimum Airflow Requirements for 1400mm Fan**

Star Rating	Minimum Air Flow (m ³ /min)
(1)	(2)
1	230
2	235
3	240
4	245
5	250

Note: The figures in the columns under different levels or number of stars refer to the service values of a fan corresponding to its sweep size.

SCHEDULE-IV

[See regulations 2(xiii) and 5(1)]

Pakistan Energy Label

1.1. Affixing of Pakistan Energy Label

The energy star rating label shall be in the form of a sticker and affixed to the enclosure of the fan-motor and printed on the packing at prominent positions with at least one side of the package box fully displaying the label for clear visibility. The label shall display the approved energy star rating for the model of the fan. The format of the energy star rating label shall be as given in Figure-1. This label will have some proprietary material, Overt & Covert security features with QR Code along with unique code for instant digital verification by the end-user. The label sticker shall be provided by NEECA after granting permission to use Pakistan Energy Label. **Pak Rs. 27** would be charged per sticker per product from the manufacturer by NEECA and shall be paid in advance in the form of a nonrefundable Payee Account Demand Draft in favor of the Authority.

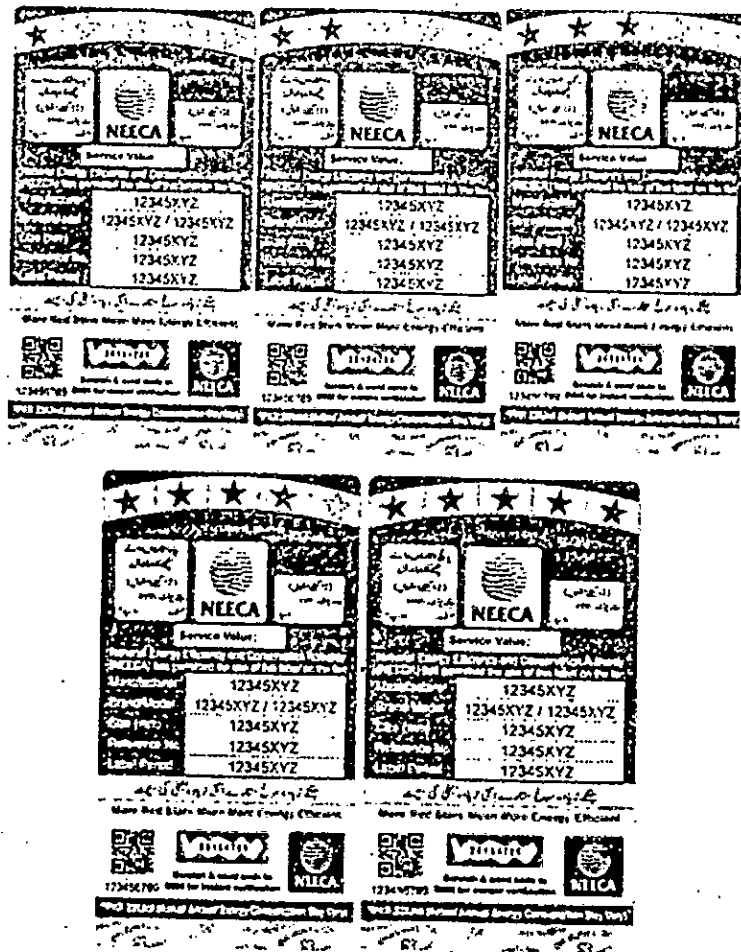


Figure 1: Format for Pakistan Energy Label

1.2. Dimensions & Character size of the Pakistan Energy Label

The Pakistan Energy Label for fans shall have the dimension of 50x85mm

1.3. Prohibited information

Advertising information, other than that being included on the Pakistan Energy Label, is prohibited.

SCHEDULE-V
[See regulations 7(7) and 8(5)]
Penalties for Non-Compliance

Sr No.	Non-Compliance Related to	Penalties(Rs.)
(1)	(2)	(3)
1	Pattern/design of label	100,000
2	Validity of authorization of label users	100,000
3	Label contents	200,000
4	Manner of display of label	150,000
5	Verification test failure	1,500,000
6	Manufacture/assemble, sale and import without getting registered	2,000,000

[No. IND/GAZETTE/REGULATION/FAN/2403-001.]

DR. SARDAR MOHAZZAM,
Managing Director, NEECA.