Website: http://peso.gov.in Email: explosives@explosives.gov.in

दूरभाष/ Telephone : 0712-2510248

फ़ैक्स/ FAX: 2510577

कार्यालयीन उद्देश्य के सभी पत्रादि "मुख्य विस्फोटक नियंत्रक" के पदनाम से भैजे जाए उनके व्यक्तिगत नाम से नही.

All communications intended for this Office should be addressed to the



भारत सरकार

GOVERNMENT OF INDIA

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन Petroleum and Explosives Safety Organisation

(पूर्व नाम – विस्फोटक विभाग)

(Formerly- Department of Explosives)

"ए-ब्लाक , पाँचवा तल, केन्द्रीय कार्यालय परिसर, "A" Block, 5th Floor, CGO Complex,

सेमिनरी हिल्स, नागपूर - 440 006 (महा) Seminary Hills, Nagpur- 440006

संख्या /No. C.VIII(3)125/Circular/GCR दिनांक /Nagpur, dated 14/05/2025

CIRCULAR

<u>Sub:</u> Online Module for grant of licence for Compressed Hydrogen Dispensing Stations in Form-H under Gas Cylinder Rules 2016 – reg.

It is informed that PESO has launched the online Module for processing applications for Compressed Hydrogen Dispensing Stations licenses in Form-H under Gas Cylinder Rules 2016. Help file for Operational Guideline for submission of online Application for licenses in Form-H is attached herewith.

In view of the above, all the applicants are advised to submit online applications under the said online module for processing of their cases. Hence forth, Offline/Manual application of New Compressed Hydrogen Dispensing Stations will not be entertained.

The existing Compressed Hydrogen Dispensing Stations operators with trial permissions are advised to submit online applications under the said online module for obtaining approval/licences in Form-H under Gas Cylinder Rules.

Encl: As above

(R N Meena) Chief Controller of Explosives

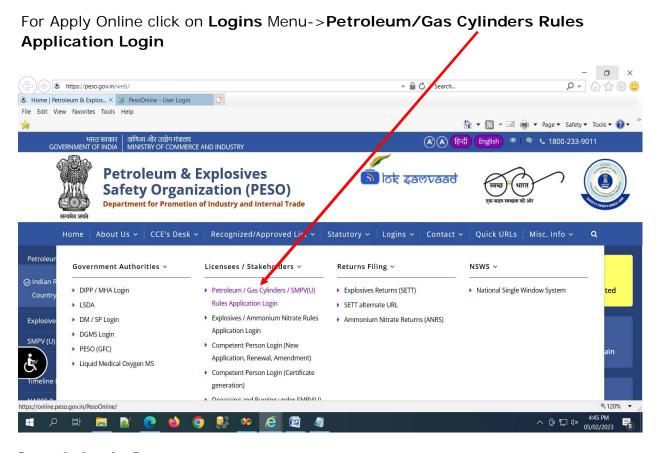
To

All applicants for Compressed Hydrogen Dispensing Stations.

Help Operational Guideline for Paperless Application for Approval of Form H.

Transaction- Prior Approval

Step - 1. Visit our website https://peso.gov.in



Step-2. Login Screen

You can login using below screen. Please enter your Valid Login Id & Password then click on **Login** button.



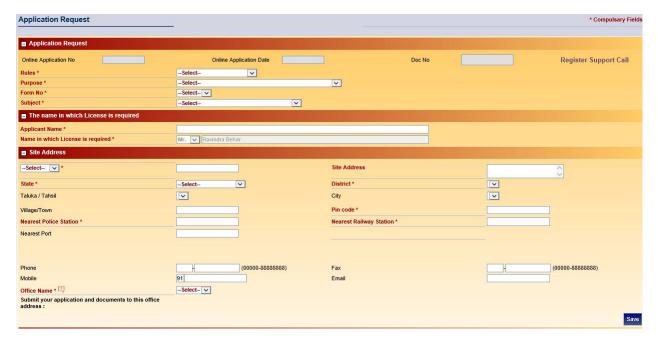
Step-3. Dashboard

Display User Dashboard after Successful Login, You will get following screen. Click on **New Application**.

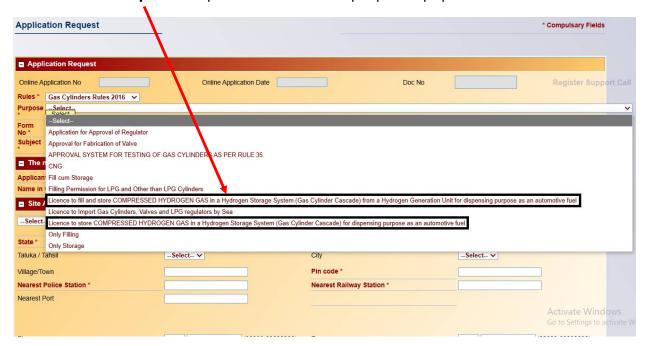


Step-4. New Application

After clicked on New Application, another new window opens for **Application Request** as below



Select Rule from dropdown as **GAS Cylinders Rules 2016**. After that on **Purpose** dropdown some list of purposes populated as below.



Select

License to store COMPRESSED HYDROGEN GAS in a Hydrogen Storage System (Gas Cylinder Cascade) for dispensing purpose as an automotive fuel

OR

License to fill and store COMPRESSED HYDROGEN GAS in a Hydrogen Storage System (Gas Cylinder Cascade) from a Hydrogen Generation Unit for dispensing purpose as an automotive fuel.

Select any one Purpose of Form H as per your requirement, as well **Form No** and **Subject** as shown in below screen.



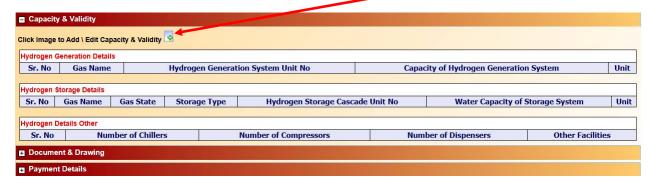
Fill all Site Address of all mandatory fields and click on save button.

After application saved, following tabs open for **Approval for Form H** transaction as.

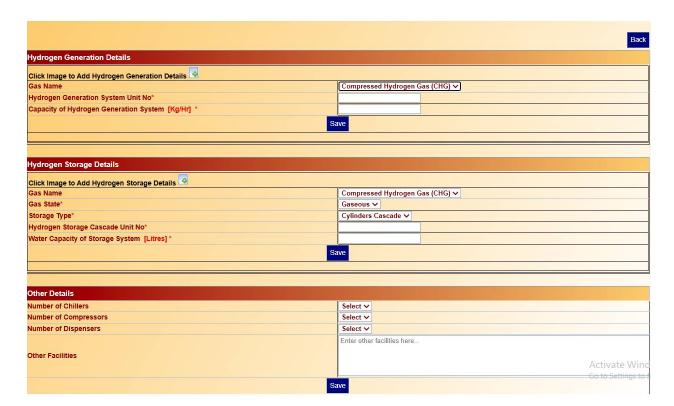


Step-5. Capacity Details

Click on Capacity & Validity tab->Then Click Image to Click Image to Add \ Edit Capacity & Validity +sign, For Add/Edit/Delete Capacity Details.



After clicking following screen open



Section 1: Hydrogen Generation Details

Steps

- 1. Click Image to Add Hydrogen Generation Details
 - o Click the green image icon to begin entering new hydrogen generation data.
- 2. Gas Name
 - o Select Compressed Hydrogen Gas (CHG) from the dropdown.
- 3. Hydrogen Generation System Unit No*
 - o Enter the unique identifier (unit number) for the hydrogen generation system.
- 4. Capacity of Hydrogen Generation System [Kg/Hr]*
 - o Input the generation capacity in kilograms per hour.
- 5. Click save
 - o Click the blue Save button to store the information.

Note: Users can add **multiple entries** for Hydrogen Generation Details by clicking the image icon again for each new unit.

Section 2: Hydrogen Storage Details

Steps

- 1. Click Image to Add Hydrogen Storage Details
 - o Click the green image icon to enter new hydrogen storage data.
- 2. Gas Name
 - o Select Compressed Hydrogen Gas (CHG).
- 3. Gas State*
 - o Choose the state of hydrogen (e.g., Gaseous).
- 4. Storage Type*
 - o Select the type of storage (e.g., Cylinders Cascade).
- 5. Hydrogen Storage Cascade Unit No*
 - o Enter the unit number of the storage cascade.
- 6. Water Capacity of Storage System [Liters]*
 - o Provide the total water capacity of the storage system in liters.
- 7. Click Save
 - o Click the Save button to store the data.

Note: Users can add **multiple entries** for Hydrogen Storage Details by clicking the image icon again for each new cascade or system.

Section 3: Other Details

Steps

- 1. Number of Chillers
 - o Select the appropriate number from the dropdown.
- 2. Number of Compressors

o Select the number of compressors installed.

3. Number of Dispensers

o Choose the number of dispensing units.

4. Other Facilities

o Enter any additional facilities or equipment details.

5. Click save

o Click the Save button to confirm your entries.

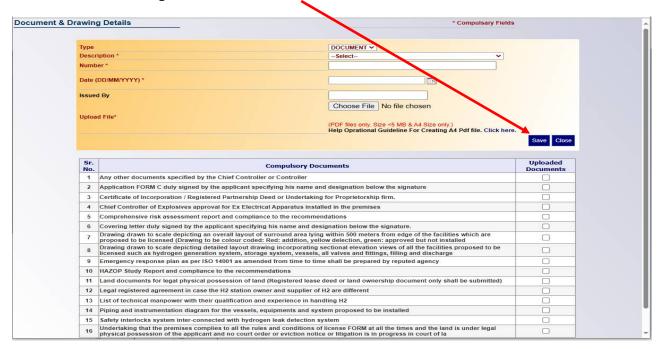
Step-6. Document & Drawing

Using below screen you can add/Edit Document & Drawing. First Click on Document & Drawing Tab->Then Click, I mage to add/ Document & Drawing

With the second	ge to Add \ Edit Capacity & Validity									
-	n Generation Details			200.2	V 197 V 198 198 198 198 198 198 198 198 198 198				2001 1980 -05	T
Sr. No				Hydrogen Generat	tion System Unit No		Capacity	of Hydrogen Ge	neration System	Unit
1	Compressed Hydrogen Gas (CHG)		11				1000.25			Kgs/H
2	Compressed Hydrogen Gas (CHG)			2 2000.00					Kgs/H	
lydroge Sr. No	n Storage Details Gas Name	Ga	State	Storage Type	Hydrogen Stora	ige Ca	scade Unit No	Water Capa	city of Storage System	Un
1	Compressed Hydrogen Gas (CHG)		ous	Cylinders Cascade	\$1			500.00		Litr
2	compressed Hydrogen Gas (CHG) Galeou			Cylinders Cascade	\$2			750.50		Litr
lydroge	en Details Other	+								
Sr. No Number of Chillers		_		Number of Compressors			Number of Dispensers		Other Facilities	
1 1		7		2			3		Othre facilities	

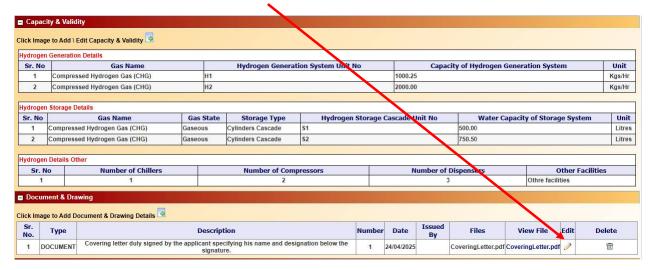
Step-6.1 Document & Drawing Details

After Clicking on Click Image to Add \ Edit Document & Drawing +Sign. Below screen will be display. Upload all mandatory documents and drawing that will be shown in the below grid and click on **save** button.



Document & Drawing

Using below screen you can Edit/Delete Document & Drawing.

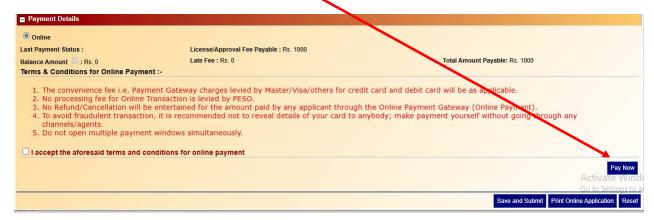


Step 7 - Payment Details

There is one mode available for payment

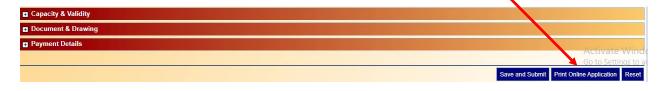
1) Online

Payment is calculated by system you can pay required fee using online Payment getaway.

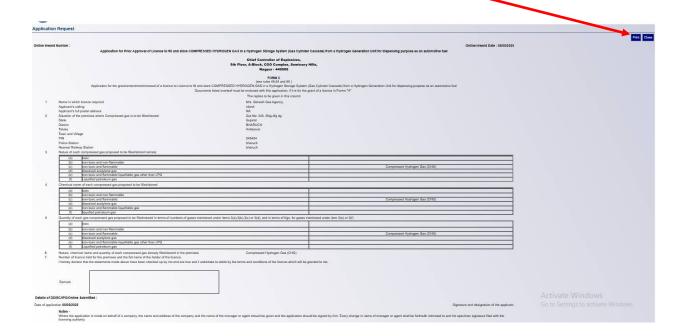


Step-8. Print online application

Before final Save and Submit, now you can take print of Online Application.



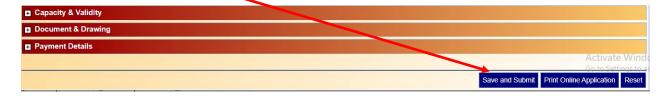
Step-9. Print online application- Click on Print



Step-10. Final Submit

Note-Before final **save submit** please verify all details which you have entered after save submit you can't change anything in application.

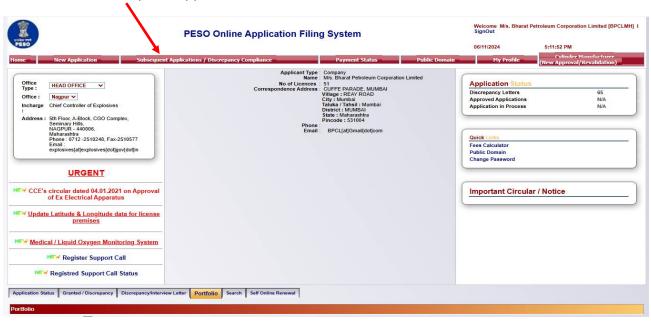
Click on Save and Submit button for final submission



Transaction- In-supersession of Prior Approval/Grant of License/Endorsement/Amendment/Renewal/ Prior Approval of Amendment/ Duplicate Details

Step-1. Subsequent Application (Portfolio)

First Click on Subsequent Application Tab



Step-2. Portfolio

First Select <u>Transaction</u> then click on <u>Apply</u> button and Follow the same Procedure.

