

Help Operational Guideline for Fabrication Design Drawing and Mounting Drawing OF PRESSURE VESSELS UNDER STATIC& MOBILE PRESSURE VESSEL (UNFIRED) RULES, 2016

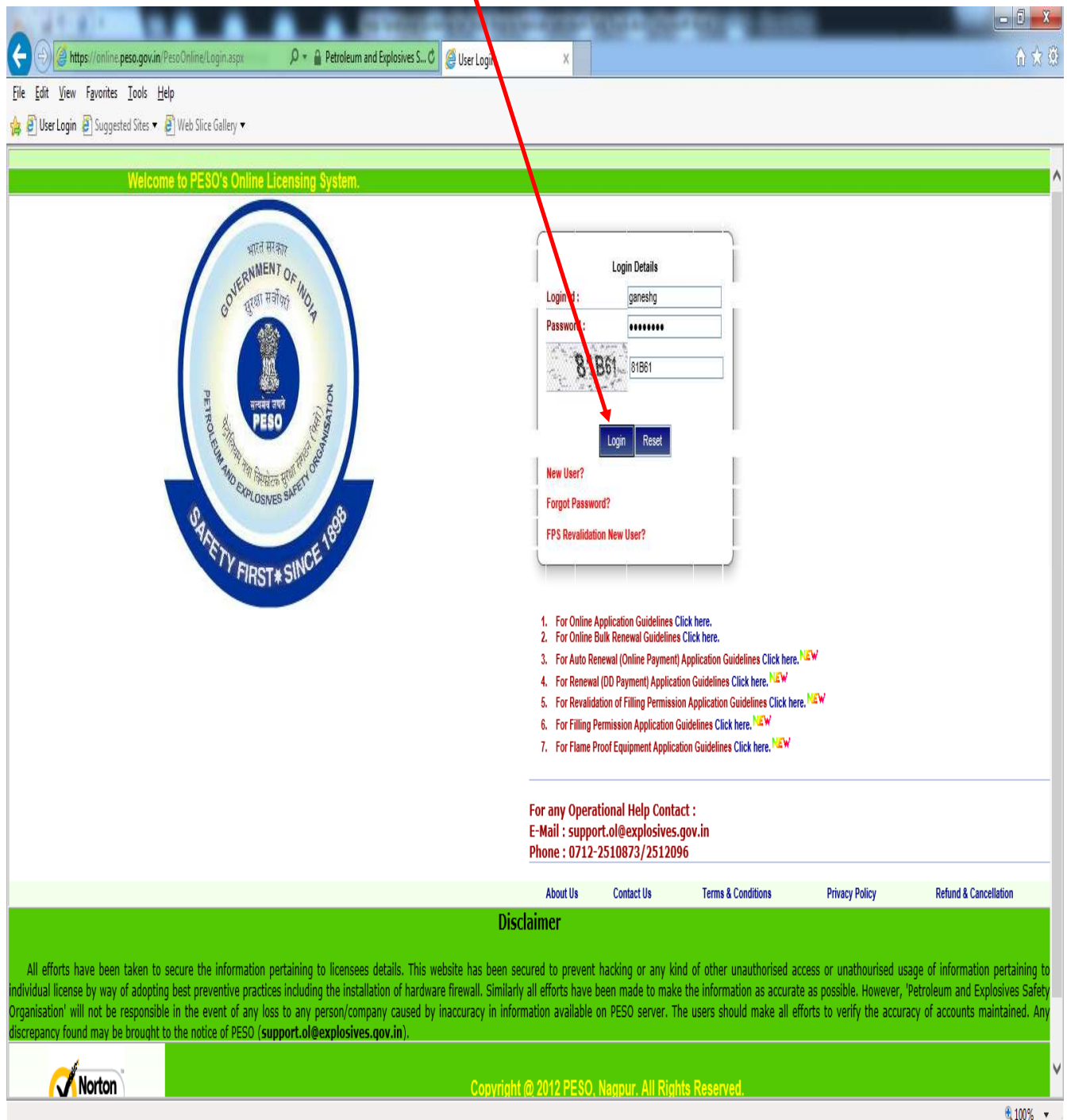
Note- **For better compatibility use internet explorer browser 8.0 and higher versions.**

Step 1) you need to visit our website <http://peso.gov.in/index.aspx> where you will get option for **Apply Online->Petroleum/Gas Cylinders/SMPV(U) Rules Application Login**

The screenshot shows the PESO website homepage. The top navigation bar includes links for 'Public Grievance Portal', 'Public Domain', 'Accident Reporting', 'Explosives Returns Links', and 'Apply Online'. The 'Apply Online' link is highlighted with a red arrow. The right sidebar contains a list of links, including 'Petroleum / Gas Cylinders Rules Application Login', 'Explosives / Ammonium Nitrate Rules Application Login', 'Competent Person Login', 'PESO Users (GFC)', 'Degassing and Purging under SMPV (U) Rules, 2016 Application Login', 'Guest Book', and 'Appreciation Letters'. The main content area features a banner for 'Petroleum and Explosives Safety Organisation' and a section titled 'At a Glance' with various links related to explosives and pressure vessels.

Step-2) Login-

Using this login screen user can use fabrication Shop Approval userid and password for Design Drawing and Mounting Drawing.



https://online.peso.gov.in/PesoOnline/Login.aspx

File Edit View Favorites Tools Help

User Login Suggested Sites Web Slice Gallery

Welcome to PESO's Online Licensing System.

GOVERNMENT OF INDIA
सुरक्षा सर्वोपरी
PESO
पेट्रोलियम एवं विस्फोटक सुरक्षा संगठन (प्रा.)
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION
SAFETY FIRST SINCE 1898

Login Details

Login Id : ganeshg

Password :

81861 81861

Login Reset

New User?

Forgot Password?

FPS Revalidation New User?

1. For Online Application Guidelines Click here.
2. For Online Bulk Renewal Guidelines Click here.
3. For Auto Renewal (Online Payment) Application Guidelines Click here. **NEW**
4. For Renewal (DD Payment) Application Guidelines Click here. **NEW**
5. For Revalidation of Filling Permission Application Guidelines Click here. **NEW**
6. For Filling Permission Application Guidelines Click here. **NEW**
7. For Flame Proof Equipment Application Guidelines Click here. **NEW**

For any Operational Help Contact :
E-Mail : support.ol@explosives.gov.in
Phone : 0712-2510873/2512096

About Us Contact Us Terms & Conditions Privacy Policy Refund & Cancellation

Disclaimer

All efforts have been taken to secure the information pertaining to licensees details. This website has been secured to prevent hacking or any kind of other unauthorised access or unauthorised usage of information pertaining to individual license by way of adopting best preventive practices including the installation of hardware firewall. Similarly all efforts have been made to make the information as accurate as possible. However, 'Petroleum and Explosives Safety Organisation' will not be responsible in the event of any loss to any person/company caused by inaccuracy in information available on PESO server. The users should make all efforts to verify the accuracy of accounts maintained. Any discrepancy found may be brought to the notice of PESO (support.ol@explosives.gov.in).

Norton

Copyright © 2012 PESO, Nagpur. All Rights Reserved.

100%

Step-3) User Dashboard

After Successful Login you will get following screen. That's called User Dashboard. Click on **Subsequent Application(Portfolio)** for applying new APPROVAL OF Fabrication Drawing & Mounting Drawing.

The screenshot shows the PESO Online Application Filing System User Dashboard. The browser address bar displays <https://online.peso.gov.in/PesoOnline/onlineApplication/OnlineApplication.aspx>. The dashboard header includes the PESO logo, the title "PESO Online Application Filing System", and a welcome message "Welcome M/s. Fabrication Pvt Ltd | SignOut". The date and time are 03/04/2017 11:43:24 AM.

The main navigation menu includes: Home, New Application, Bulk Renewal, **Subsequent Applications (Portfolio)** (highlighted with a red arrow), Auto Renewal, Payment Status, Public Domain, My Profile, and Cylinder Manufacturer (Revalidation).

The dashboard content is divided into several sections:

- Office Information:**
 - Office Type: CIRCLE OFFICE
 - Office: Central Circle
 - Incharge: Jt. Chief Controller of Explosives
 - Address: 63/4, A-Wing, 1st floor, Kendralaya (CGO Complex), Sanjay Place AGRA - 282002, Uttar Pradesh
 - Phone: 0562 - 2523244, 2523266
 - Email: jtcceagra[at]explosives[dot]gov[dot]in
- Applicant Information:**
 - Applicant Type: Company
 - Name: M/s. Fabrication Pvt Ltd
 - No of Licences: 0
 - Correspondence Address: Seminary Hills Nagpur, Taluka / Tahsil: Nagpur (Rural), District: NAGPUR, State: Maharashtra, Pincode: 440006
 - Phone:
 - Email: dhoteanesh[at]gmail[dot]com
- Application Status:**

Application Status	
Discrepancy Letters	N/A
Approved Applications	N/A
Application in Process	N/A
- Quick Links:**
 - Fees Calculator
 - Public Domain
 - Change Password
- Calendar Links:**
 - Show Calendar

At the bottom, there is a navigation bar with links: Application Status, Discrepancy Letter, **Portfolio** (highlighted), Search, and Auto Renewal. Below this, a red banner reads "Portfolio". A link "Click Image to Add Portfolio" with a small icon is also present.

The bottom right corner shows a zoom level of 100%.

Step-4) Prtfolio- Using below screen you need to add your Fabrication Shop Approval Docno in portfolio if its not present already in portfolio . **if Shop Approval Docno Already present in portfolio then you can apply for Approval of fabrication Drawing & Approval for Mounting Drawing.**
Select Transaction (Approval for Fabrication Drawing Or Approval for Mounting Drawing) from dropdown list and click on **apply Button**.

Note- First you need to apply Approval for Fabrication Design Drawing after that you will be able to apply Approval for Mounting Drawing Using approved Fabrication Drawing No .

View Portfolio - Internet Explorer

Note:As per Peso new circular you can not add more than 50 DockKey in Your Portfolio

List of Licenses

Click Image to Add Portfolio 

DockKey	Rules	Form	LicenceNo	Validity	District	Transaction	Apply	View	Histor
S92639	SMPV (U) Rules 2016	FORM FPV	A/S/HQ/MH/PVM/45	31/12/2021	NAGPUR	Approval for fabrication drawing			
S85945	SMPV (U) Rules 2016	FORM FPV			NAGPUR	--Select--			
S84095	SMPV (U) Rules 2016	FORM FPV	A/S/HQ/MH/PVM/2	31/12/2019	NAGPUR	--Select--			
P400272	Petroleum Rules 2002	FORM FWS	A/P/HQ/TLF/UP/3	31/12/2020	ALLAHABAD	--Select--			
P395910	Petroleum Rules 2002	Flame Proof Equipment	NA		NAGPUR	--Select--			
P387900	Petroleum Rules 2002	Flame Proof Equipment	A/P/HQ/MH/104/5500	31/12/2017	NAGPUR				

Add Licenses

DockKey * (Use Tab)

Licensee Name *

Rules *

Form *

Step-5) after Clicking of Apply Button Below screen will be appear where you need to enter Applicant name and then select Office Name and then click on Save button.

Online Application - Internet Explorer

Welcome M/s. Nilesh Pvt Ltd

Applicant Type : Company
Applicant Name : M/s. Nilesh Pvt Ltd
Phone :
Email : dhote.ganesh[at]gmail[dot]com

Submit your application and documents to this office address : 5th Floor, A-Block, CGO Complex, Seminary Hills, Nagpur, Maharashtra

Application Request * Compulsary Fields

Application Request

Online Application No Online Application Date Doc No **S92639**

Rules *

Purpose *

Form No *

Subject *

The name in which License is required

Applicant Name *

Name in which License is required *

Fabrication Work Shop Address

Plot No * Site Address

State * District *

Taluka / Tahsil City

Village/Town Pin code *

Nearest Police Station * Nearest Railway Station *

Nearest Port

Longitude E Latitude E

Phone (00000-888888888) Fax (00000-888888888)

Mobile Email

Office Name *

Submit your application and documents to this office address : Chief Controller of Explosives, 5th Floor, A-Block, CGO Complex, Seminary Hills, Nagpur - 440006, Maharashtra

Save

Fabrication Drawing.

Payment Details

Save and Submit **Print Online Application** **Reset**

Step-6) Fabrication Drawing:—Click on fabrication Drawing Tab then Click Image to Add \ Edit

Fabrication Drawing Plus Sign.

—Then Fabrication Drawing Screen Will Be Appear where you can enter Fabrication Drawing Details.

Online Application - Internet Explorer

Applicant Type : Company
Applicant Name : M/s. Nilesht Pvt Ltd
Phone :
Email : dhotejanee[at]gmail[dot]com

Submit your application and documents to this office address : 5th Floor, A-Block, CGO Complex, Seminary Hills, Nagpur - 440006, Maharashtra

Application Request * Compulsary Fields

Application Request

Online Application No Online Application Date Doc No **S92639**

Rules * SMPV (U) Rules 2015
Purpose * APPROVAL OF FABRICATION WORK SHOP FOR FABRIC
Form No * FORM FPV
Subject * Approval for fabrication drawing

The name in which License is required

Applicant Name * Nilesht pvt ltd
Name in which License is required * M/s. Nilesht pvt ltd

Fabrication Work Shop Address

Plot No Site Address

State * Maharashtra District * NAGPUR
Taluka / Tahsil Nagpur (Rural) City --Select--
Village/Town Pin code * 234234
Nearest Police Station * ngo Nearest Railway Station * ngo
Nearest Port

Longitude E Latitude E
Phone (00000-88888888) Fax (00000-88888888)
Mobile 91 Email

Office Name * Nagpur

Submit your application and documents to this office address : Chief Controller of Explosives, 5th Floor, A-Block, CGO Complex, Seminary Hills, Nagpur - 440006, Maharashtra

Fabrication Drawing.

Click Image to Add \ Edit Fabrication Drawing.

Payment Details

Save and Submit Print Online Application Reset

Step-6) Fabrication Drawing Screen:—In this screen you need to fill all mandatory details for Approval of Fabrication drawing .you can add multiple Fabrication Drawing using this screen.

Note- 1)If you have already Approved Fabrication Drawing By Peso Manually then you need to revalidate online by system. So you need to select Revalidate option from select type of fabrication Drawing.

- 2)If you want to take new Approval of fabrication Drawing then you need to select Type Of fabrication Drawing New.

-3)You can Add multiple design drawing using this screen.

Untitled Page - Internet Explorer

Details of Fabrication Drawing * Compulsory Fields

Vessel Details

Type of Fabrication Drawing *

Type of Pressure Vessels *

Type of Installation *

Position of Vessel *

Dockey of Third Party Inspecting Agency(organization/Inspector/Competent Person) *

competent person/inspector name *

Drawing Details

Drawing No* Drawing Date*

Gas Details

Name of Gas * Specific gravity of gas *

Filling ratio* Gross Water Capacity of Vessel* (Liters)

Permissible quantity* (Liters)

Design Parameters for inner vessel

Design/Fabrication/Inspection and Testing Code* Design Pressure* (Kg/cm²)
Note-(Add static head, product load, wind load & seismic load in case of static vessel)

Maximum allowable working pressure* Kg/cm² Operating Pressure* Kg/cm²

Hydrostatic Pressure* Kg/cm² Minimum cold stretch pressure* Kg/cm²

Maximum cold stretch pressure* Kg/cm² Design Temperature* (°C)

Material of construction for shell*

Material of construction for dishend*

Diameter of the pressure vessel* Meter

Thickness of shell: a) Calculated thickness* mm b) Nominal thickness* mm Corrosion allowance* mm

T/L to T/L length of the pressure vessel* Meter Type of dish end of the pressure vessel*

After Filling all mandatory screen click on **save Button**

Untitled Page - Internet Explorer

Permissible quantity* 31.5 (Liters)

Design Parameters for inner vessel

Design/Fabrication/Inspection and Testing Code*	AD:2000	Design Pressure* Note: (Add static head, product load, wind load & seismic load in case of static vessel)	1 (Kg/cm ²)
Maximum allowable working pressure*	1 Kg/cm ²	Operating Pressure*	1 Kg/cm ²
Hydrostatic Pressure*	1 Kg/cm ²	Minimum cold stretch pressure*	1 Kg/cm ²
Maximum cold stretch pressure*	1 Kg/cm ²	Design Temperature*	1 (°C)
Material of construction for dishend*	1	Material of construction for shell*	1
Thickness of shell:	a) Calculated thickness* 1 mm	b) Nominal thickness*	1 mm
T/L to T/L length of the pressure vessel*	1 Meter	Type of dish end of the pressure vessel*	Ellipsoidal head
Thickness of dishend:	a) Calculated thickness* 1 mm	b) Nominal thickness*	1 mm
d) Thinning allowance*	1	c) Corrosion allowance*	1 mm
Radiography*	0 (%)	Heat Treatment*	(Enter Yes/No/NA)

Design parameters for outer vessel

Design/Fabrication/Inspection and Testing Code*	ASME SEC VIII Dev 1	Design Pressure(external)*	1 (Kg/cm ²)
Design Temperature*	50 (°C)		
Material of Construction for shell*	SS423	Corrosion allowance*	1 mm
Material of construction for dishend*	AL	Heat Treatment*	Yes/No/NA (Enter Yes/No/NA)
Radiography*	10 (%)		

Save Close

Using Below Screen you can **Edit** or **delete** Fabrication Drawing Details

Untitled Page - Internet Explorer

Design Parameters for inner vessel

Design/Fabrication/Inspection and Testing Code*

Design Pressure* (Kg/cm²)
Note-(Add static head, product load, wind load & seismic load in case of static vessel)

Maximum allowable working pressure*

Operating Pressure*

Hydrostatic Pressure*

Minimum cold stretch pressure*

Maximum cold stretch pressure*

Design Temperature* (°C)

Material of construction for shell*

Material of construction for dishend*

Diameter of the pressure vessel* Meter

Thickness of shell:

a) Calculated thickness* mm

b) Nominal thickness* mm

Corrosion allowance* mm

T/L to T/L length of the pressure vessel* Meter

Type of dish end of the pressure vessel*

Thickness of dishend:

a) Calculated thickness* mm

b) Nominal thickness* mm

c) Corrosion allowance* mm

d) Thinning allowance*

Radiography* (%)

Heat Treatment* (Enter Yes/No/NA)

Design parameters for outer vessel

Design/Fabrication/Inspection and Testing Code*

Design Pressure(external)* (Kg/cm²)

Design Temperature* (°C)

Material of Construction for shell*

Material of construction for dishend*

Corrosion allowance* mm

Radiography* (%)

Heat Treatment* (Enter Yes/No/NA)

Sr. No.	Type of Design Drawing	Type of Pressure Vessels	Type of Installation	Position of Installation	Name of Gas	Drawing No.	Edit	Delete
1	New	Cryogenic	Static	Horizontal	ISO-PENTANE	D3423423		

Save Close

Step-7) Mounting Drawing Screen-Using Below Screen you Can add mounting drawing but first you must have Approved Fabrication Drawing by PESO using online system then you can apply for mounting drawing based on Approved Fabrication drawing.

Untitled Page - Internet Explorer

Details of Mounting Drawing

* Compulsory Fields

Details of Mounting Drawing

Type of Mounting Drawing:

Enter Mounting Drawing No*:

CCE's Approval No. for fabrication drawing*:

Make of prime mover*:

Type of Gas*:

Gross Combination Weight/Gross Vehicle Weight of the prime mover*: Kgs

Wheel base of prime mover*: mm

Thickness of shell: a) Calculated thickness* mm

T/L to T/L length of the mobile pressure vessel*: Meter

Thickness of dishend: a) Calculated thickness* mm

Mounting Approval Date*:

Type of mobile pressure vessel *:

Model of prime mover*:

Water Capacity of the pressure vessel: Liters

Pay load of the product to be transported*: Kgs

Diameter of the mobile pressure vessel*: mm

b) Nominal thickness* mm

Type of dish end of the pressure vessel*:

b) Nominal thickness* mm

c) Corrosion allowance* mm

c) Corrosion allowance* mm

Sr. No.	Type of Drawing	Old Desing Drawing No	Old Desing Drawing Date	Fabrication Drawing No	TYPE OF PRESSURE VESSEL	MAKE OF PRIME MOVER	MODEL OF PRIME MOVER	TYPE OF GAS	WATER CAPACITY OF THE PRESSURE VESSEL	GROSS COMBINATION WEIGHT	PAY LOAD OF PRODUCT	Edit	Delete
1	New	D423423	01/05/2019	S92639/D/1	Cryogenic	BHARAT BENZ	2523R	LIQ. Hydrogen	20000.00	40000.00	20000		

100%

Step-7) Payment Details-

There are two modes available for payment

1) Online

2) DD Payment

You can choose any one of them.

Note- Please note after online payment using payment gateway after payment done successfully you can't change anything in application.

Fee- for Approval of Fabrication Drawing 2500 Rs Per Drawing Fee required.

DD Payment- Click on payment details Tab->Select **DD Payment**->The Click Image to Add Payment Details

Online Application - Internet Explorer

Application name : Mrs. Nilesh Pvt Ltd
Phone :
Email : dhoteaganesh1@gmail.com

Application Request

* Compulsary Fields

Application Request

Online Application No. Online Application Date Doc No.

Rules * SHW (U) Rules 2016

Purpose * APPROVAL OF FABRICATION WORK SHOP FOR FABRICI

Form No * FORM FPV

Subject * approval for fabrication drawing

The name in which License is required

Applicant Name * Nilesh Pvt Ltd

Name in which License is required * Mrs. Nilesh Pvt Ltd

Fabrication Work Shop Address

Plot No * 22 Site Address * sadar

State * Maharashtra District * NAGPUR

Taluka / Tahsil * Nagpur (Rural) City * -Select-

Village/Town Pin code * 234234

Nearest Police Station * ngo

Nearest Railway Station * ngo

Nearest Port

Longitude Latitude

Phone (00000-888888888) Fax (00000-888888888)

Mobile 91 Email

Office Name * Nagpur

Submit your application and documents to this office address :
Chief Controller of Explosives, 5th Floor, A-Block, CGO Complex, Seminary Hills, Nagpur - 440006, Maharashtra

Fabrication Drawing.

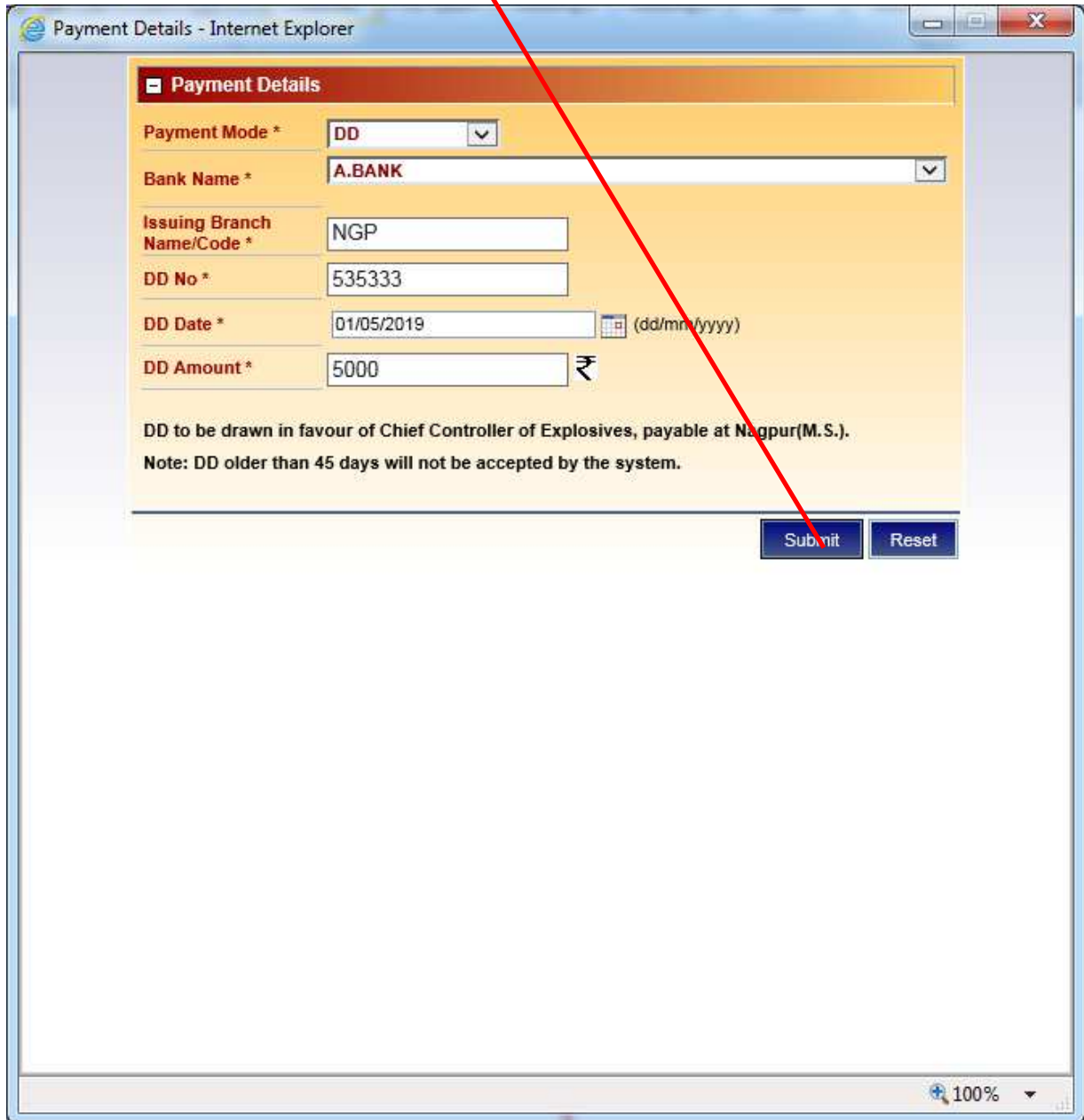
Payment Details

☐ Online ☒ DD Payment

Click Image to Add Payment Details

Save and Submit Print Online Application Reset

Step-8) DD Payment- Click on Click Image to Add Payment Details  then below screen will be appear-enter DD Detail and click on **Submit Button**



Payment Details - Internet Explorer

Payment Details

Payment Mode *

Bank Name *

Issuing Branch Name/Code *

DD No *

DD Date * (dd/mm/yyyy)

DD Amount * ₹

DD to be drawn in favour of Chief Controller of Explosives, payable at Nagpur(M. S.).

Note: DD older than 45 days will not be accepted by the system.

100%

Step-9) Final Submit- Click on **Save and Submit** button for final submission-

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

Online Application - Internet Explorer

Rules * SMPV (U) Rules 2016

Purpose * APPROVAL OF FABRICATION WORK SHOP FOR FABRICI

Form No * FORM FPV

Subject * Approval for fabrication drawing

The name in which License is required

Applicant Name * Nilesht Pvt Ltd

Name in which License is required * M/s. Nilesht Pvt Ltd

Fabrication Work Shop Address

Plot No * 22

State * Maharashtra

Taluka / Tahsil * Nagpur (Rural)

Village/Town

Nearest Police Station * ngo

Nearest Port

Longitude

Latitude

Phone

Mobile

Office Name * Nagpur

Submit your application and documents to this office address :
Chief Controller of Explosives, 5th Floor, A-Block, CGO Complex, Seminary Hills, Nagpur - 440006, Maharashtra

Site Address

District * NAGPUR

City

Pin code * 234234

Nearest Railway Station *

Save

Fabrication Drawing.

Click Image to Add / Edit Fabrication Drawing.

Type of Design Drawing	Type of Pressure Vessels	Type of Installation	Position of Installation	Name Of Gas	Drawing No
New	Cryogenic	Static	Horizontal	ISO-PENTANE	D3423423
Existing	Cryogenic	Static	Horizontal	LIQ. Hydrogen	D456456

Payment Details

Online DD Payment

Click Image to Add Payment Details.

DD / IPO No.	Issuing Bank Branch Name/Code	Amount	DD Date	Edit	Delete
538333	A.BANK NGP	5000	01/05/2019		

Save and Submit Print Online Application Reset

Step-10) Print Online application- After final Save Submit now you can take print of Online Application. After print send hard copy of that print of online application along with required document to PESO Office.

Online Application - Internet Explorer

Online Application No: QIN207807 Online Application Date: 01/05/2019 Doc No:

Rules * SMPV (U) Rules 2016

Purpose * APPROVAL OF FABRICATION WORK SHOP FOR FABRIC

Form No * FORM SMPV

Subject * Approval of fabrication drawing

The name in which License is required

Applicant Name * Nilesht pvt ltd

Name in which License is required * M/s. Nilesht pvt ltd

Fabrication Work Shop Address

Plot No * 22 Site Address: sadar

State * Maharashtra District * NAGPUR

Taluka / Tahsil: Nagpur (Rural) City: -Select-

Village/Town: Pin code * 234234

Nearest Police Station * ngo Nearest Railway Station * ngo

Nearest Port:

Longitude: Latitude:

Phone: (00000-888888888) Fax: (00000-888888888)

Mobile: 91 Email:

Office Name * Nagpur

Submit your application and documents to this office address :
Chief Controller of Explosives, 5th Floor, A-Block, CGO Complex, Seminary Hills, Nagpur - 440006, Maharashtra

Fabrication Drawing.

Click Image to Add / Edit Fabrication Drawing.

Type of Design Drawing	Type of Pressure Vessels	Type of Installation	Position of Installation	Name Of Gas	Drawing No
New	Cryogenic	Static	Horizontal	ISO-PENTANE	D3423423
Existing	Cryogenic	Static	Horizontal	LIQ. Hydrogen	D456456

Payment Details

Online ☒ DD Payment

DD / IPO No.	Issuing Bank Branch Name/Code	Amount	DD Date
535333	A.BANK NGP	5000	01/05/2019

[Print Online Application](#)

Step-11) Print Online application- Click on Print

Online Application - Internet Explorer

 Applicant Type : Company
Applicant Name : M/s. Nilesht pvt ltd
Phone :
Email : choteganesht[at]gmail[dot]com

Application Request

Online Inward Number : OIN207807 Online Inward Date : 01/05/2019

Application for fabrication drawing of Non Cryogenic/Cryogenic Pressure Vessel under SMPV Rule 2016
The signed application with necessary enclosures to be submitted within 15 days at the address given below:
Chief Controller of Explosives,
5th Floor, A-Block, CGO Complex, Seminary Hills, Nagpur - 440006

1 Applicant's name M/s. Nilesht pvt ltd
2 Applicant's full postal address Seminary Hills Nagpur, State: Maharashtra PIN: 440006
3 Fabrication shop premises Plot No: 22, sadar
State Maharashtra
District NAGPUR
Taluka Nagpur (Rural)
Town and Village
PIN 234234

4 Design Drawing Details

Sr.No	Type of Design Drawing	Type of Pressure Vessels	Type of Installation	Position of Vessel	Name Of Gas	manufacturers Drawing No	Water Capacity
1	New	Cryogenic	Static	Horizontal	ISO-PENTANE	D3423423	5000.00
2	Existing	Cryogenic	Static	Horizontal	LIQ. Hydrogen	D456456	5000.00

I hereby declare that the statements made above have been checked up by me and are true and I undertake to abide by the terms and conditions of the approval will be granted to me.

Remark:

Details of DD/B/C/IPO Submitted :
(i). No. 535333 Date 01/05/2019 worth Rs. 5000/- A BANK

Date : 01/05/2019.
Place : .

Signature of the applicant

Documents to be Submitted :

1. Application Form.
2. Four copies of drawings clearly specifying the capacity duly endorsed by TPIA, The vessel code /standard used for the manufacture of the pressure vessel with relevant sheets.
3. Description and use of pressure vessel in detail.
4. Design calculations for pressure vessel duly endorsed by third party.
5. Design calculation for safety relief valve duly endorsed by third party.
6. Design drawings and calculation for the foundation of the vessel.