

Texas Commission on Environmental Quality  
PBR New Registration

Site Information (Regulated Entity)

What is the name of the site to be authorized?	SPACEX TEXAS LAUNCH SITE
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1 ROCKET RD
City	BROWNSVILLE
State	TX
ZIP	78521
County	CAMERON
Latitude (N) (##.#####)	25.987919
Longitude (W) (-###.#####)	-97.187239
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	336414
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN107697088
What is the name of the Regulated Entity (RE)?	SPACEX TEXAS LAUNCH SITE
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	THE PROPOSED VERTICAL LAUNCH AREA IS LOCATED AT THE EASTERN TERMINUS OF BOCA CHICA BOULEVARD (STATE HIGHWAY 4).
City	BROWNSVILLE
State	TX
ZIP	78578
County	CAMERON
Latitude (N) (##.#####)	25.987919
Longitude (W) (-###.#####)	-97.187239
Facility NAICS Code	336414
What is the primary business of this entity?	COMMERCIAL ROCKET LAUNCH COMPLEX

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN602867657
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Space Exploration Technologies Corp.
Texas SOS Filing Number	800475804
Federal Tax ID	

State Franchise Tax ID	10106276719
State Sales Tax ID	
Local Tax ID	
DUNS Number	120406462
Number of Employees	
Independently Owned and Operated?	Yes
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	Space Exploration Technologies Corp.
Prefix	MRS
First	Katy
Middle	
Last	Groom
Suffix	
Credentials	PE
Title	Lead Environmental Health and Safety Engineer
Responsible Authority Mailing Address	
Enter new address or copy one from list:	Site Physical Address
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1 ROCKET RD
Routing (such as Mail Code, Dept., or Attn:)	
City	BROWNSVILLE
State	TX
ZIP	78521
Phone (###-###-####)	3217301469
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	

Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Same as another contact?	CN602867657, Space Exploration Technologies Corp. Responsible Authority
Organization Name	Space Exploration Technologies Corp.
Prefix	MRS
First	Katy
Middle	
Last	Groom
Suffix	
Credentials	PE

Title	Lead Environmental Health and Safety Engineer
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1 ROCKET RD
Routing (such as Mail Code, Dept., or Attn:)	
City	BROWNSVILLE
State	TX
ZIP	78521
Phone (###-###-####)	3217301469
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	katy.groom@spacex.com

Technical Contact

Person TCEQ should contact for questions about this application:	
Same as another contact?	
Organization Name	Greenthink Consulting, L.L.C.
Prefix	MR
First	Rajiv
Middle	
Last	Patel
Suffix	
Credentials	PE
Title	Principal Engineer
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	100 NAUTICAL CIR
Routing (such as Mail Code, Dept., or Attn:)	
City	ROUND ROCK
State	TX
ZIP	78681
Phone (###-###-####)	5125967929
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	rajiv@greenthinkconsulting.com

PBR General Information - New Sites

1) To determine fee amount does this business qualify as a small business, non-profit organization, or small government entity?	No
2) Are there any other registered air authorizations at this site?	No
3) Is this project located at a major site?	No
4) Does this registration require certification or is certification being submitted voluntarily?	No
5) Is the facility in compliance with all PBRs claimed?	Yes
6) Is the facility in compliance with all other applicable state/federal rules and regulations?	Yes
7) Is the facility in compliance with all applicable distance requirements?	Yes

Section 1 Rule Selection

Rule#: 1

Select the type of unit that is being registered.	ENGINES AND TURBINES
Select the rule(s) associated to the unit specified.	106.512

Section 1 106.512 Engines and Turbines

Engine#: 1

Please provide the horsepower (hp) of the engine(s) / turbine(s).	1676
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106.512(2) Rule Compliance

1) Is gas fuel limited to: sweet natural gas or liquid petroleum gas, fuel gas containing no more than ten grains total sulfur per 100 dry standard cubic feet, or field gas?	Yes
2) Has formaldehyde been included in the VOC short-term and annual emissions totals?	Yes
3) Are any engine(s)/turbine(s) rated ≥ 500 hp?	Yes
3.1. Will the engine(s) / turbine(s) meet any applicable NOx limits as stated in the rule?	Yes
4) Will the hourly and annual emissions meet any applicable NAAQs?	Yes
5) Will the engine(s) / turbine(s) be used to generate electricity?	Yes
5.1. Are the engine(s) / turbine(s) being used to generate electricity because it is not feasible to connect to the grid?	Yes
6) Please select any/all State or Federal Standards that apply to this site:	MACT ZZZZ   NSPS IIII
7) Is this facility being authorized at an oil and gas site that is using 106.352 (I) to claim, register, or certify their operation?	No

106.4 Rule Compliance

1) What are the annual VOC emissions in tons per year (tpy) for this registration?	6.64
2) What are the total annual SO2 emissions in tpy for this registration?	0.03
3) What are the total annual NOx emissions in tpy for this registration?	8.1
4) What are the total annual CO emissions in tpy for this registration?	3.24
5) What are the total annual PM emissions in tpy for this registration?	0.53
6) What are the total annual PM10 emissions in tpy for this registration?	0.0041
7) What are the total annual PM2.5 emissions in tpy for this registration?	0.0041
8) What are the total annual H2S emissions in tpy for this registration?	0
9) What are the total annual HAP emissions in tpy for this registration?	3.86

PBR Attachments

Please attach one PDF with all required documents to complete the project.

[File Properties]

File Name	<a href=/ePermitsExternal/faces/file?fileId=89082>SpaceX - PI-7 Registration - GEN-2 - FINAL.pdf</a>
Hash	9DA5245DEF352140B62782B699F66A789F88C9CB863DC245C9051DE933E2459A
MIME-Type	application/pdf
Confidential	No

Please attach any other necessary information needed to complete the registration.

Expedite

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?	No
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Signature

The signature below indicates to the best of my knowledge that the information submitted is true and complete, and that I have signature authority to submit this application on behalf of the regulated entity.

1. I am Matthew M Thompson, the owner of the STEERS account ER029619.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this

information is true, accurate, and complete.

- 4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
- 5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
- 6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
- 7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
- 8. I am knowingly and intentionally signing PBR New Registration.
- 9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Matthew M Thompson OWNER OPERATOR

Account Number:	ER029619
Signature IP Address:	192.31.242.196
Signature Date:	2020-06-04
Signature Hash:	9FC6184B4C5263C9718BF93C33EF237A9C6A0DE58E15210ACA587EBF615FBB2B
Form Hash Code at time of Signature:	6C82D22BE56C613511538BA382D233A48F83AE09B1497D32C41627B9E101481D

Fee Payment

Transaction by:	The application fee payment transaction was made by RAJIV Y PATEL
Paid by:	The application fee was paid by RAJIV Y PATEL
Fee Amount:	\$450.00
Paid Date:	The application fee was paid on 2020-06-03
Transaction/Voucher number:	The transaction number is 582EA000391224 and the voucher number is 467747

Submission

Reference Number:	The application reference number is 369053
Submitted by:	The application was submitted by ER032091/Rajiv Y Patel
Submitted Timestamp:	The application was submitted on 2020-06-05 at 11:40:26 CDT
Submitted From:	The application was submitted from IP address 104.63.129.253
Confirmation Number:	The confirmation number is 312354
Steers Version:	The STEERS version is 6.30

Additional Information

Application Creator: This account was created by Rajiv Y Patel