

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	MR

First	Kyle
Middle	
Last	Meade
Suffix	
Credentials	
Title	Director, Environmental Health and Safety
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	HAWTHORNE
State	CA
ZIP	90250
Phone (###-###-####)	3109705138
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	kyle.meade@spacex.com

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	Space Exploration Technologies
Prefix	MR
First	Kyle
Middle	
Last	Baker
Suffix	
Credentials	
Title	Engineer II, Environmental Health and Safety
Enter new address or copy one from list:	Site Physical Address
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 (###-###-####)	9565951214
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	kyle.baker@spacex.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	Greenthink Consulting LLC
Prefix	MR

First	Rajiv
Middle	Y
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) Is this application for a portable facility?	No
3) Are there any other registered air authorizations at this site?	No
4) Is this project located at a major site?	No
5) Does this registration require certification or is certification being submitted voluntarily?	No
6) Is the facility in compliance with all PBRs claimed?	Yes
7) Is the facility in compliance with all other applicable state/federal rules and regulations?	Yes
8) Is the facility in compliance with all applicable distance requirements?	N/A

Section 1 Rule Selection

Rule#: 1

Select the type of unit that is being registered.	SURFACE COAT FACILITY
Select the rule(s) associated to the unit specified.	106.433

106.433 Rule Compliance

1) Does the facility spray molten metal onto a surface to form a coating?	No
2) Will the company ensure that the site is implementing good housekeeping procedures as required in § 106.433(2)(A)-(C)?	Yes
3) Are drying or curing ovens used at the facility?	No
4) Does the facility use add-on controls (i.e. oxidizers, absorbers, adsorbers, biofilters) to reduce VOC emissions from surface coating?	No
5) Please select any/all State or Federal Standards that apply to this site.	NONE

6) Are the uncontrolled emissions < 0.25 pounds per hour (lb/hr) of volatile organic compounds (VOCs) and/or exempt solvents?	No
6.1. Will the site's opacity of visible emissions be < 5%?	Yes
6.2. Enter the uncontrolled maximum short term emission rate of volatile organic compounds (VOCs) in pounds per hour (lb/hr):	5.98
6.3. Enter the uncontrolled annual emission rate of volatile organic compounds (VOCs) in tons per year (tpy):	2.6
6.4. Does the site use exempt solvents?	No
6.5. Will records, as required in § 106.433(8) be met and kept onsite?	Yes
6.6. Are there any coating activities performed indoors, in a booth, or in an enclosed work area?	No
6.7. Are there any coating activities performed outdoors or in non-enclosed work areas?	Yes
6.7.1. Enter the combined lb/wk of VOC to be emitted from all non-enclosed or outdoor work areas.	100.13
6.7.2. When averaged over a five hour period, enter the combined maximum pounds per hour (lb/hr) of volatile organic compounds (VOCs) to be emitted from all areas authorized being under § 106.433(7).	5.98
6.7.3. If coatings applied with spray equipment contain more than 0.1% by weight of chromates, lead, cadmium, selenium, strontium, or cobalt, then will the total VOC emissions from this activity be limited to 240 pounds per week and 2,000 pounds per year?	Yes
6.7.4. Enter the distance to the nearest property line.	125
6.7.5. Enter the distance to the nearest recreational area, residence, or other structure not occupied or used solely by the owner or operator of the facility or the owner of the property upon which the facility is located.	1130

106.4 Rule Compliance

1) What are the annual VOC emissions in tons per year (tpy) for this registration?	2.6
2) What are the total annual SO2 emissions in tpy for this registration?	0
3) What are the total annual NOx emissions in tpy for this registration?	0
4) What are the total annual CO emissions in tpy for this registration?	0
5) What are the total annual PM emissions in tpy for this registration?	.21
6) What are the total annual PM10 emissions in tpy for this registration?	.21
7) What are the total annual PM2.5 emissions in tpy for this registration?	.21
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?	.21

PBR Attachments

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

[File Properties]

File Name	Cover Letter - 07-29-21.pdf
Hash	C05D70D8E1B8ABD1377995087A523FAE055C2FC939460E17A5931D573F6637C9
MIME-Type	application/pdf
Confidential	No

[File Properties]

File Name	SpaceX - PI-7 GSE Paint Shop - 07-19-21.pdf
Hash	A1C0685719734871A26F99FB8A2FF21D083808CBDA773A6D340B9C3FE89F5F92
MIME-Type	application/pdf
Confidential	No

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

[File Properties]

File Name	SpaceX - GSE Paint Shop Calcs - 07-19-21.xlsx
Hash	DB0F5AC167255B2173A491B8881C5456ED11A39F5EB6D06528B92E8F21EF8676
MIME-Type	application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
Confidential	No

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 Leonardo Alaniz, the owner of the STEERS account ER076008.
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: Leonardo Alaniz OWNER OPERATOR

Account Number:	ER076008
Signature IP Address:	192.31.242.194

Signature Date: 2021-08-02
Signature Hash: BF66CEE7B1B9A50E2594D8E1F85C5DCF78205E
DCA0F1848BFD27FF084F73DE57
Form Hash Code at time of Signature: 0F1DC1468D7DB557BD4282D308148995120651D4
6F79824D3E427B8D00EDE961

Fee Payment

Transaction by: The application fee payment transaction was made by ER076008/Leonardo Alaniz
Paid by: The application fee was paid by RAJIV PATEL
Fee Amount: \$450.00
Paid Date: The application fee was paid on 2021-08-03
Transaction/Voucher number: The transaction number is 582EA000442194 and the voucher number is 522083

Submission

Reference Number: The application reference number is 426271
Submitted by: The application was submitted by ER032091/Rajiv Y Patel
Submitted Timestamp: The application was submitted on 2021-08-03 at 13:07:24 CDT
Submitted From: The application was submitted from IP address 104.63.129.253
Confirmation Number: The confirmation number is 357998
Steers Version: The STEERS version is 6.45

Additional Information

Application Creator: This account was created by Rajiv Y Patel