

# Seaport and Rail Yard Areas Emissions Reduction (SPRY) Program

Fiscal Year 2020

Maximum Eligible Grant Amount Table

Instructions

1. Locate the Maximum Eligible Grant Amount table that applies to the type of vehicle/equipment that you are applying to replace. *All tables can be opened or downloaded from the SPRY webpage via [www.terpgrants.org](http://www.terpgrants.org).*
2. Use the left-hand column of the table to locate the gross vehicle weight rating GVWR (on-road) and horsepower rating (non-road) of the old vehicle/equipment<sup>1</sup>.
3. Once the GVWR or horsepower for the old vehicle/equipment has been located, use the ignition type column to determine the ignition type of the old vehicle/equipment (CI= Compression Ignition, SI=Spark Ignition). The ignition type will help you determine the emission rate that applies to the engine being replaced.<sup>2</sup>

*Emission Standard Tables are included at the end of these instructions to help determine the emission rate based on the year of the old vehicle/equipment.*

4. Determine the fuel-type of the new vehicle/equipment that will replace the old vehicle/equipment. This can be compression ignition (CI), spark ignition (SI) or electric.
5. Locate the usage commitment that you are applying for:
  - On-Road Projects: 50%, 75% or 100% usage commitment
  - Non-Road Projects: 75% or 100% usage commitment

*The usage commitment will be the percentage of the total miles/hours the vehicle/equipment will be operated in eligible areas each year for the 5-year activity life of the project.*

6. Based on the GVWR or horsepower, ignition type, fuel type, and usage commitment, locate the maximum eligible grant amount for the activity.
7. Once the maximum eligible grant amount has been located, compare it to the eligible cost of your activity and input the lesser of the two amounts into the “Requested Grant Amount” box located on **Form 6: Equipment Cost Data** of the SPRY Program Application, which can be found at [www.terpgrants.org](http://www.terpgrants.org). *The eligible cost for an activity is up to 80% of the cost to purchase the new vehicle/equipment or repower, minus the scrap value of the old vehicle/equipment.*
8. If you follow these instructions and the table amount for the vehicle/equipment is not listed, then the maximum eligible grant amount for that activity either does not meet the 25% emission reduction requirement, or the amount is less than \$5,000.00.

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<sup>1</sup> For vehicles/equipment with a maximum rated horsepower of 750 or greater, contact the TCEQ to receive your calculated grant amount.

<sup>2</sup> If you cannot find the engine/emission information on this form, or in supplemental grant tables, please call the TCEQ for assistance: 1-800-919-TERP.

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## On-Road Emission Standards:

On-Road Heavy-Duty CI Engines NO <sub>x</sub> Emission Standards by Model Year	
Manufacturer Year	Diesel Engine Emission Standards
1989 and earlier	10.7
1990	6.0
1991-1997	5.0
1998-2003	4.0
2004-2006	2.375

On-Road SI Engines NO <sub>x</sub> Emission Standards by Model Year	
1979-1987	10.0
1989-1991	4.8
1992-1997	4.0
1998-2004	3.2
2005-2008	1.0
2008+	0.20

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## Non-Road Emission Standards:

Non-Road SI Engines NO <sub>x</sub> Emission Standards by Model Year	
2003 and earlier	11.99
2004-2007	2.39
2008+	1.61

Non-Road CI Engines NO <sub>x</sub> Emission Standards by Model Year		
Engine Power	Model Year	NO <sub>x</sub> Emission Standards
25-49	Pre-1998	7.2
	1999-2003	6.745
	2004-2012	5.32
	2013+	3.325
50-74	Pre-1997	8.8
	1998-2003	6.9
	2004-2007	5.32
	2008+	3.325
75-99	Pre-1997	8.8
	1998-2003	6.9
	2004-2007	5.32
	2008-2013	3.325
100-174	Pre-1996	9.5
	1997-2002	6.9
	2003-2006	4.655
	2007-2013	2.85
175-299	Pre-1995	9.3
	1996-2002	6.9
	2003-2005	4.655
	2006-2013	2.85
300-599	Pre-1995	9.5
	1996-2000	6.9
	2001-2005	4.56
	2006-2013	2.85
600-750	Pre-1995	9.7
	1996-2001	6.9
	2002-2005	4.56
	2006-2013	2.85