

			Level	EPA %reduction	Applicability HP/ Engine use
Catalytic Exhaust Products Ltd. Dieselytic SXS-SC Diesel Particulate Filter	DPF passive	15 ppm sulfur diesel & B20	3	n/a	Stationary prime and emergency standby generators and pumps with Tier 1, Tier 2, or Tier 3 certified off-road engines certified to 0.2 g/bhp PM or less
Caterpillar, Inc. Diesel Particulate Filter	DPF passive	15 ppm sulfur diesel & B20	3	89	Specific 1996-2005 model years; off-road engines with power ratings between 174.2 to 301.5 HP (EPA) or 175 to 600 HP (CARB) certified to 0.2 g/bhp PM or less

Claire Allmetal **DPF passive** 15 ppm sulfur diesel & B20 **off-road** (Conditional CARB verification) 150 to 350 HP (CARB) 5.9 to 11 liter displacement certified to 0.12 g/bhp PM or less

Claire Pheonix	DPF active (Conditional CARB verification)	15 ppm sulfur diesel & B20	3	n/a	Specific 1996-2010 model year rubber-tired off-road vehicles 100 to 400 HP (CARB) 3.4 to 12 liter displacement certified to 0.2 g/bhp PM or less
CleanAIR Systems PERMIT	DPF passive	15 ppm sulfur diesel & B20	3	n/a	Stationary emergency and prime generators with Tier 1, Tier 2, or Tier 3 engines certified to at most 0.2 g/bhp PM
DCL Mine-X Sootfilter	DPF passive	15 ppm sulfur diesel & B20	3	n/a	Specific 1996-2009 model year, off-road certified to 0.2 g/bhp PM or less 100 to 1,000 HP

DCL Mine-X Sootfilter **DPF passive** 15 ppm sulfur diesel & B20 **Stationary** prime and emergency standby generators, pumps, and compressors; Tier 1, 2, or 3 off-road engines certified

Verified NON ROAD Technology					
DEVICE	TYPE	Approved Fuel	CARB Level	EPA %reduction	Applicability HP/ Engine use
ESW Canada ThermaCat	DPF passive / active	15 ppm sulfur diesel & B20	3	n/a	Specific 1996 to 2009 model year, off-road 5 to 10 liter displacement certified to 0.1 g/bhp PM or less & 175 to 275 HP
GTE Industries. Purity DPF	DPF passive	15 ppm sulfur diesel & B20	3	n/a	Stationary prime and emergency standby generators and pumps with Tier 1, Tier 2, or Tier 3 certified off-road engines meeting 0.2 g/bhp-hr or less
HUSS Umwelttechnik GmbH	DPF active	15 ppm sulfur diesel & B20	3	n/a	Off-road through 2009 and not on exclusion list
Johnson Matthey CRT+	DPF passive	15 ppm sulfur diesel & B20	3	3	Stationary emergency/ standby generators powered by Tier 1, Tier 2, or Tier 3 certified off-road engines meeting 0.2 grams per brake horse power hour (g/bhp-hr)
Miratech Corporation (DPF) combiKat CBS Particulate Trap	DPF passive	15 ppm sulfur diesel & B20	3	n/a	Stationary emergency and prime generators with a PM emission rate of 0.2 g/bhp-hr or less.
Nett Technologies. NETT GreenTRAPTM DPF	DPF passive	15 ppm sulfur diesel & B20	3	n/a	Stationary prime and emergency standby generators and pumps with Tier 1, Tier 2, or Tier 3 certified off-road engines meeting 0.2 g/bhp-hr or less
Rypos Inc. HDPF/C hybrid diesel particulate filter	DPF active	15 ppm sulfur diesel & B20	3	n/a	1996-2007 Stationary prime and emergency standby generators and pumps with Tier 1, Tier 2, or Tier 3 certified off-road engines meeting 0.2 g/bhp-hr or less
Sud-Chemie, Inc. EnviCat-DPF	DPF passive	15 ppm sulfur diesel & B20	3	n/a	Stationary prime and emergency power generation or pumping having with Tier 1, Tier 2, or Tier 3 certified off-road engines meeting 0.2 g/bhp-hr or less

Verified NON ROAD Technology					
DEVICE	TYPE	Approved Fuel	CARB Level	EPA %reduction	Applicability HP/ Engine use
Universal Emissions Technologies GreenShield DPF	DPF passive	15 ppm sulfur diesel & B20	3	n/a	Stationary prime and emergency standby power generators and pumps with Tier 1, Tier 2, or Tier 3 certified off-road engines.
Caterpillar, Inc.	Emissions Upgrade Group	500 ppm sulfur diesel	n/a	22	Nonroad: Caterpillar model 3306 diesel engines for nonroad applications with model years from 1988 to 1995 with mechanical direct fuel injection.
Engine Control System AZ Purimuffler/Purifier	DOC and Fuel supplement	15 ppm sulfur diesel & B20	2	n/a	Specific 1996 to 2002 model year off-road diesel engines
Donaldson 6000 Series catalyst formulation plus closed loop crankcase	6000 DOC and Crankcase Filter	15 ppm sulfur diesel & B20	1	n/a	Specific 1996-2003 off-road engines Between 150 and 600 horsepower
Extengine Transport Systems Advanced Diesel Emission Control	DOC & Selective Catalytic Reduction (SCR)	500 ppm sulfur diesel	1	n/a	1991-1995 Cummins 150 to 200 horsepower nonroad engines used in excavators, dozers, loaders, and utility tractor rigs
Vycon REGEN System	Flywheel based energy storage device	15 ppm sulfur diesel	1	n/a	Rubber-tired gantry (RTG) cranes equipped with Pre-Tier 1 (pre-1996 model year) off-road diesel engines or Tier 1, Tier 2, or Tier 3 certified off-road >50 HP