

Pursuant to the authority vested in California Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-19-095;

**IT IS ORDERED AND RESOLVED:** That the following equipment produced by the manufacturer is certified as described below. Production equipment shall be in all material respects the same as those for which certification is granted.

ENGINE DESCRIPTION			
MANUFACTURER	ENGINE FAMILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
CHONGQING AM PRIDE POWER&MACHINERY CO.,LTD	NCPPS.2742GA (U-U-164-0139)	274	Gasoline, Gasoline-LPG dual-fuel
	PCPPS.2742GA (U-U-164-0157)	274	
	NCPPS.2742GL (U-U-164-0151)	274	
	PCPPS.2742GL (U-U-164-0158)	274	
	NCPPS.3222GA (U-U-164-0140)	322	
	PCPPS.3222GA (U-U-164-0159)	322	
	NCPPS.3692GA (U-U-164-0141)	369	
	PCPPS.3692GA (U-U-164-0160)	369	
	NCPPS.4572GA (U-U-164-0144)	389, 420, 457	
	PCPPS.4572GA (U-U-164-0161)	389, 420, 457	
	NCPPS.4592GC (U-U-164-0145)	420, 459	
	PCPPS.4592GC (U-U-164-0162)	420, 459	
	NCPPS.4592GD (U-U-164-0142)	459	
	PCPPS.4592GD(U-U-164-0163)	459	
	NCPPS.6882GA (U-U-164-0143)	688	
	PCPPS.6882GA (U-U-164-0164)	688	
PCPPS.7442GA (TBC)	744		
CHONGQING ZONGSHEN GENERAL POWER MACHINE CO., LTD.	MCZHS.7502HG (U-U-082-0457)	679, 750	
	NCZHS.7502HG (U-U-082-0516)	679, 750	
KOHLER COMPANY	MKHXS.4292GB (U-U-005-0692)	429	
	NKHXS.4292GB (U-U-005-0724)	429	
S.A. = See Attachment TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION
2023	CPPCM4572	See Attachment	Compressor, Pump, Pressure Washer, Generator Set
EMISSION CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL	
CM		See Attachment	
A. <b>ECS TYPE</b> (Venting Control Type/Tank Barrier Type): 1. <b>Venting Control Type and Code</b> :- Canister=C Sealed Tank=S Other=O 2. <b>Tank Barrier Type and Code</b> :- Metal=M Treated HDPE or PE=P Co-extruded=C Selar=L Nylon=N Acetal=A Other=O B. <b>EVAPORATIVE FAMILY 2-Letter CODE</b> (Venting Control Codes =C, S, O); (Tank Barrier Codes = M, P, C, L, N, A, O). <b>Note:</b> Always list venting control type or code first before tank barrier type or code. Do not use abbreviations for ECS types.			

The following are the evaporative emission standards (Title 13, California Code of Regulations, 13 CCR Section 2754, as applicable), and certification levels in g organic material hydrocarbon equivalent·day<sup>-1</sup> or g ROG·m<sup>-2</sup>·day<sup>-1</sup> or grams per liter for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

DIURNAL EMISSION STANDARD (g organic material hydrocarbon equivalent·day <sup>-1</sup> )					
1.20 + 0.056 × Nominal Capacity (L)					
FUEL LINE PERMEATION (g ROG·m <sup>-2</sup> ·day <sup>-1</sup> )		FUEL TANK PERMEATION (g ROG·m <sup>-2</sup> ·day <sup>-1</sup> )		CARBON CANISTER BUTANE WORKING CAPACITY (grams per liter)	
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER
15	See Attachment	1.5	See Attachment	1.4	See Attachment

**BE IT FURTHER RESOLVED:** That for the listed equipment, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2759 (labeling), Section 2774 (bond requirements) and 13 CCR Sections 2760 and 2764 (emission control system warranty).

Equipment certified under this Executive Order must conform to all applicable California emission regulations.

**This Executive Order is only granted to the evaporative family and model-year listed above. Equipment in this family that is produced for any other model-year is not covered by this Executive Order.**

Executed on this 20th day of June 2022.



Allen Lyons, Chief  
Emissions Certification and Compliance Division

Date: 3/16/2022  
 Evaporative Family: CPPCM4572

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
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 Evaporative Family: CPPCM4572

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	AP188F, AP190F, AP190FL, AP192F, AP192FL, AP192FB, AP192FBL, SC390, SV390, SC420, SV420, SC460, SV460, SC460L, SV460L, SDP460, SV320, SV320L, SV690, SV275, SV370, AP6500C, SU6500C, AP6500C, SUA6500EC, SU6500EC, AP6500EC, SUA8250EC, SU8250EC, AP8250EC, SUA9000EC, SU9000EC, AP9000EC, SUA10000EC, SU10000EC, AP10000EC, SUA12000EC, EC12000EC, AP12000EC, SUA5000EQC, SUA10000EQC, SC6000-I, SC6000-II, SC8000-I, SC8000-II, SC9000-I, SC9000-II, SC10000-I, SC10000-II, SUA65000EC, SUA9000EC, SUA120000EC, SUA7000C, SC7000C, AP7000C, SUA7000EC, SUA9000EDC, GPE6500, R12000ED, SC8000I, SCGPW4200H-K, SUA8000I, SC9000IFED, SUA12000EDCO, ST12000ED, SUA12000ECCOA, SUA12000ECA, SUA12000EDCO, PWF4200SH, AT30142001, SC8000IED, AT10-212001, A10-260001, SUA6000ED, SUA7000LC, GNDS6000, 57080, AT10-166501, AT10-150001, XP9000IH, SUA6650L, SUA8000IEA, SP6650, AP5000, SUA9000, SUA6650LD, AT10-160001, SUA7000P, SUA9000EP, SUA10000EP, SUA12000EP, 59188, SUA12500ED, SUA7200ED, APW4200, AT10-260001, SUA6900, SUA6901, SUA6902, SUA6903, SUA6904, SUA6905, AT20-2100001E, ATH10000IED, VT210000IE, SUA6900D;	x	II	CARB	26.86	21.60	0.657	Multi-layer	250 205 420 140 110 470	4.5 5 5.5 6.35 7	NCPPS.4592GC PCPPS.4592GC NCPPS.4572GA PCPPS.4572GA NCPPS.3222GA PCPPS.3222GA NCPPS.6882GA PCPPS.6882GA NCPPS.2742GA PCPPS.2742GA NCPPS.3692GA PCPPS.3692GA NCPPS.2742GL PCPPS.2742GL	Q-19-135	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-029 Q-22-023 Q-19-083 Q-22-017	

Date: 3/16/2022  
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Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	AP188F, AP190F, AP190FL, AP192F, AP192FL, AP192FB, AP192FBL, SC390, SV390, SC420, SV420, SC460, SV460, SC460L, SV460L, SDP460, SV320, SV320L, SV690, SV275, SV370, AP6500C, SU6500C, AP6500C, SUA6500EC, SU6500EC, AP6500EC, SUA8250EC, SU8250EC, AP8250EC, SUA9000EC, SU9000EC, AP9000EC, SUA10000EC, SU10000EC, AP10000EC, SUA12000EC, EC12000EC, AP12000EC, SUA5000EQC, SUA10000EQC, SC6000-I, SC6000-II, SC8000-I, SC8000-II, SC9000-I, SC9000-II, SC10000-I, SC10000-II, SUA65000EC, SUA9000EC, SUA120000EC, SUA7000C, SC7000C, AP7000C, SUA7000EC, SUA9000EDC, GPE6500, R12000ED, SC8000i, SCGPW4200H-K, SUA8000i, SC9000IFED, SUA12000EDCO, ST12000ED, SUA12000ECCOA, SUA12000ECA, SUA12000EDCO, PWF4200SH, AT30142001, SC8000IED, AT10-212001, A10-260001, SUA6000ED, SUA7000LC, GNDS6000, 57080, AT10-166501, AT10-150001, XP9000IH, SUA6650L, SUA8000IEA, SP6650, AP5000, SUA9000, SUA6650LD, AT10-160001, SUA7000P, SUA9000EP, SUA10000EP, SUA12000EP, 59188, SUA12500ED, SUA7200ED, APW4200, AT10-260001, SUA6900, SUA6901, SUA6902, SUA6903, SUA6904, SUA6905, AT20-2100001E, ATH10000IED, VT210000IE, SUA6900D;	x	II	CARB	28.95	25.10	0.677	Multi-layer	250 205 420 140 110 470	4.5 5 5.5 6.35 7	NCPPS.4592GC PCPPS.4592GC NCPPS.4572GA PCPPS.4572GA NCPPS.3222GA PCPPS.3222GA NCPPS.6882GA PCPPS.6882GA NCPPS.2742GA PCPPS.2742GA NCPPS.3692GA PCPPS.3692GA NCPPS.2742GL PCPPS.2742GL	Q-19-135	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-029 Q-22-023 Q-19-083 Q-22-017	

Date: 3/16/2022  
 Evaporative Family: CPPCM4572

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	AP188F, AP190F, AP190FL, AP192F, AP192FL, AP192FB, AP192FBL, SC390, SV390, SC420, SV420, SC460, SV460, SC460L, SV460L, SDP460, SV320, SV320L, SV690, SV275, SV370, AP6500C, SU6500C, AP6500C, SUA6500EC, SU6500EC, AP6500EC, SUA8250EC, SU8250EC, AP8250EC, SUA9000EC, SU9000EC, AP9000EC, SUA10000EC, SU10000EC, AP10000EC, SUA12000EC, EC12000EC, AP12000EC, SUA5000EQC, SUA10000EQC, SC6000-I, SC6000-II, SC8000-I, SC8000-II, SC9000-I, SC9000-II, SC10000-I, SC10000-II, SUA65000EC, SUA9000EC, SUA120000EC, SUA7000C, SC7000C, AP7000C, SUA7000EC, SUA9000EDC, GPE6500, R12000ED, SC8000i, SCGPW4200H-K, SUA8000i, SC9000IFED, SUA12000EDCO, ST12000ED, SUA12000ECCOA, SUA12000ECA, SUA12000EDCO, PWF4200SH, AT30142001, SC8000IED, AT10-212001, A10-260001, SUA6000ED, SUA7000LC, GNDS6000, 57080, AT10-166501, AT10-150001, XP9000IH, SUA6650L, SUA8000IEA, SP6650, AP5000, SUA9000, SUA6650LD, AT10-160001, SUA7000P, SUA9000EP, SUA10000EP, SUA12000EP, 59188, SUA12500ED, SUA7200ED, APW4200, AT10-260001, SUA6900, SUA6901, SUA6902, SUA6903, SUA6904, SUA6905, AT20-2100001E, ATH10000IED, VT210000IE, SUA6900D;		x	II	CARB	31.31	26.70	0.635	Multi-layer	250 205 420 140 110 470	4.5 5 5.5 6.35 7	NCPPS.4592GC PCPPS.4592GC NCPPS.4572GA PCPPS.4572GA NCPPS.3222GA PCPPS.3222GA NCPPS.6882GA PCPPS.6882GA NCPPS.2742GA PCPPS.2742GA NCPPS.3692GA PCPPS.3692GA NCPPS.2742GL PCPPS.2742GL	Q-19-135	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-029 Q-22-023 Q-19-083

Date: 3/16/2022  
 Evaporative Family: CPPCM4572

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	AP188F, AP190F, AP190FL, AP192F, AP192FL, AP192FB, AP192FBL, SC390, SV390, SC420, SV420, SC460, SV460, SC460L, SV460L, SDP460, SV320, SV320L, SV690, SV275, SV370, AP6500C, SU6500C, AP6500C, SUA6500EC, SU6500EC, AP6500EC, SUA8250EC, SU8250EC, AP8250EC, SUA9000EC, SU9000EC, AP9000EC, SUA10000EC, SU10000EC, AP10000EC, SUA12000EC, EC12000EC, AP12000EC, SUA5000EQC, SUA10000EQC, SC6000- I, SC6000-II, SC8000-I, SC8000-II, SC9000-I, SC9000- II, SC10000-I, SC10000-II, SUA65000EC, SUA9000EC, SUA120000EC, SUA7000C, SC7000C, AP7000C, SUA7000EC, SUA9000EDC, GPE6500, R12000ED, SC8000i, SCGPW4200H-K, SUA8000i, SC9000IFED, SUA12000EDCO, ST12000ED, SUA12000ECCOA, SUA12000ECA, SUA12000EDCO, PWF4200SH, AT30142001, SC8000IED, AT10- 212001, A10-260001, SUA6000ED, SUA7000LC, GNDS6000, 57080, AT10-166501, AT10-150001, XP9000IH, SUA6650L, SUA8000IEA, SP6650, AP5000, SUA9000, SUA6650LD, AT10-160001, SUA7000P, SUA9000EP, SUA10000EP, SUA12000EP, 59188, SUA12500ED, SUA7200ED, APW4200, AT10-260001, SUA6900, SUA6901, SUA6902, SUA6903, SUA6904, SUA6905, AT20- 2100001E, ATH10000IED, VT210000IE, SUA6900D;		x	II	CARB	27.16	24.30	0.639	Multi-layer	250 205 420 140 110 470	4.5 5 5.5 6.35 7	NCPPS.4592GC PCPPS.4592GC NCPPS.4572GA PCPPS.4572GA NCPPS.3222GA PCPPS.3222GA NCPPS.6882GA PCPPS.6882GA NCPPS.2742GA PCPPS.2742GA NCPPS.3692GA PCPPS.3692GA NCPPS.2742GL PCPPS.2742GL	Q-19-135	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-029 Q-22-023 Q-19-083 Q-22-017

Date: 3/16/2022  
 Evaporative Family: CPPCM4572

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	AP188F, AP190F, AP190FL, AP192F, AP192FL, AP192FB, AP192FBL, SC390, SV390, SC420, SV420, SC460, SV460, SC460L, SV460L, SDP460, SV320, SV320L, SV690, SV275, SV370, AP6500C, SU6500C, AP6500C, SUA6500EC, SU6500EC, AP6500EC, SUA8250EC, SU8250EC, AP8250EC, SUA9000EC, SU9000EC, AP9000EC, SUA10000EC, SU10000EC, AP10000EC, SUA12000EC, EC12000EC, AP12000EC, SUA5000EQC, SUA10000EQC, SC6000-I, SC6000-II, SC8000-I, SC8000-II, SC9000-I, SC9000-II, SC10000-I, SC10000-II, SUA65000EC, SUA9000EC, SUA120000EC, SUA7000C, SC7000C, AP7000C, SUA7000EC, SUA9000EDC, GPE6500, R12000ED, SC8000i, SCGPW4200H-K, SUA8000i, SC9000IFED, SUA12000EDCO, ST12000ED, SUA12000ECCOA, SUA12000ECA, SUA12000EDCO, PWF4200SH, AT30142001, SC8000IED, AT10-212001, A10-260001, SUA6000ED, SUA7000LC, GNDS6000, 57080, AT10-166501, AT10-150001, XP9000IH, SUA6650L, SUA8000IEA, SP6650, AP5000, SUA9000, SUA6650LD, AT10-160001, SUA7000P, SUA9000EP, SUA10000EP, SUA12000EP, 59188, SUA12500ED, SUA7200ED, APW4200, AT10-260001, SUA6900, SUA6901, SUA6902, SUA6903, SUA6904, SUA6905, AT20-2100001E, ATH10000IED, VT210000IE, SUA6900D;		x	II	CARB	17.85	13.75	0.458	Multi-layer	250 205 420 140 110 470	4.5 5 5.5 6.35 7	NCPPS.4592GC PCPPS.4592GC NCPPS.4572GA PCPPS.4572GA NCPPS.3222GA PCPPS.3222GA NCPPS.6882GA PCPPS.6882GA NCPPS.2742GA PCPPS.2742GA NCPPS.3692GA PCPPS.3692GA NCPPS.2742GL PCPPS.2742GL	Q-19-135	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-029 Q-22-023 Q-19-083 Q-22-017

Date: 3/16/2022  
 Evaporative Family: CPPCM4572

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	AP188F, AP190F, AP190FL, AP192F, AP192FL, AP192FB, AP192FBL, SC390, SV390, SC420, SV420, SC460, SV460, SC460L, SV460L, SDP460, SV320, SV320L, SV690, SV275, SV370, AP6500C, SU6500C, AP6500C, SUA6500EC, SU6500EC, AP6500EC, SUA8250EC, SU8250EC, AP8250EC, SUA9000EC, SU9000EC, AP9000EC, SUA10000EC, SU10000EC, AP10000EC, SUA12000EC, EC12000EC, AP12000EC, SUA5000EQC, SUA10000EQC, SC6000-I, SC6000-II, SC8000-I, SC8000-II, SC9000-I, SC9000-II, SC10000-I, SC10000-II, SUA65000EC, SUA9000EC, SUA120000EC, SUA7000C, SC7000C, AP7000C, SUA7000EC, SUA9000EDC, GPE6500, R12000ED, SC8000I, SCGPW4200H-K, SUA8000I, SC9000IFED, SUA12000EDCO, ST12000ED, SUA12000ECCOA, SUA12000ECA, SUA12000EDCO, PWF4200SH, AT30142001, SC8000IED, AT10-212001, A10-260001, SUA6000ED, SUA7000LC, GNDS6000, 57080, AT10-166501, AT10-150001, XP9000IH, SUA6650L, SUA8000IEA, SP6650, AP5000, SUA9000, SUA6650LD, AT10-160001, SUA7000P, SUA9000EP, SUA10000EP, SUA12000EP, 59188, SUA12500ED, SUA7200ED, APW4200, AT10-260001, SUA6900, SUA6901, SUA6902, SUA6903, SUA6904, SUA6905, AT20-2100001E, ATH10000IED, VT210000IE, SUA6900D;	x	II	CARB	16.00	15.00	0.463	Multi-layer	250 205 420 140 110 470	4.5 5 5 6.35 7	NCPPS.4592GC PCPPS.4592GC NCPPS.4572GA PCPPS.4572GA NCPPS.3222GA PCPPS.3222GA NCPPS.6882GA PCPPS.6882GA NCPPS.2742GA PCPPS.2742GA NCPPS.3692GA PCPPS.3692GA NCPPS.2742GL PCPPS.2742GL	Q-19-007A Q-19-007B	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-025 Q-22-028 Q-19-098 Q-22-015	
	CH440, SC8500E, SC8500EC, AK10KRS, AKGACW9000RS, DKS8500, AKGACWLT, 9600RS, AXQ-200A;	x	II	CARB	25.8	22.0	0.6498	Multi-layer	125	4.5 6.35	MKHXS.4292GB NKHXS.4292GB	Q-19-023	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-029 Q-22-023 Q-19-083 Q-22-017	
	CH440, SC8500E, SC8500EC, AK10KRS, AKGACW9000RS, DKS8500, AKGACWLT, 9600RS, AXQ-200A;	x	II	CARB	26.86	21.60	0.657	Multi-layer	125	4.5 6.35	MKHXS.4292GB NKHXS.4292GB	Q-19-135	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-029 Q-22-023 Q-19-083 Q-22-017	
	SU15000EC, SUA15000EC, AP15000EC, WP6015S, WP4015S, SC11000EC, SUA11000EC, SUA12000EDC, SUA7500C, SUA7500EC, SUA12000EE, IFDS8000, SUA15000EP, ST12000ED, DUALFORCE 12KHD, SC200BS, 9600RS, MULTIPLEX 9600RS, AKGACW9000RS, AK10KRS;	x	II	CARB	30.5	30.0	0.6236	Multi-layer	420 450 230 250	4.5 6.35	NCPPS.4572GA PCPPS.4572GA NCPPS.4592GC PCPPS.4592GC MCZHS.7502HG NCZHS.7502HG MKHXS.4292GB NKHXS.4292GB	Q-19-023	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-023 Q-19-066 Q-19-083	

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Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	SUA15000EC, SUA15000EC, AP15000EC, WP6015S, WP4015S, SC11000EC, SUA11000EC, SUA12000EDC, SUA7500C, SUA7500EC, SUA12000EE, IFDS8000, SUA15000EP, ST12000ED, DUALFORCE 12KHD, SC200BS, 9600RS, MULTIPLEX 9600RS, AKGACW9000RS, AK10KRS;	x		II	CARB	27.50	27.00	0.624	Multi-layer	420 450 230 250	4.5 6.35	NCPPS.4572GA PCPPS.4572GA NCPPS.4592GC PCPPS.4592GC MCZHS.7502HG NCZHS.7502HG MKHXS.4292GB NKHXS.4292GB	Q-19-007A Q-19-007B	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-023 Q-19-066 Q-19-083 Q-22-018
	SUA15000EC, SUA15000EC, AP15000EC, WP6015S, WP4015S, SC11000EC, SUA11000EC, SUA12000EDC, SUA7500C, SUA7500EC, SUA12000EE, IFDS8000, SUA15000EP, ST12000ED, DUALFORCE 12KHD, SC200BS, 9600RS, MULTIPLEX 9600RS, AKGACW9000RS, AK10KRS;	x		II	CARB	31.00	30.00	0.727	Multi-layer	420 450 230 250	4.5 6.35	NCPPS.4572GA PCPPS.4572GA NCPPS.4592GC PCPPS.4592GC MCZHS.7502HG NCZHS.7502HG MKHXS.4292GB NKHXS.4292GB	Q-19-007A Q-19-007B	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-023 Q-19-066 Q-19-083
x	AP10000E, T10-1100001, AT10-1120001, AT10-1100001, AP11500ED, AP11501ED, AP11502ED, AP11503ED, AP11504ED, 4592011, 4592012, 4592013, 4592014, 4592015, AP10000ED;		x	II	CARB	45.00	44.00	0.843	Multi-layer	420 450 180	4.5 6.35	NCPPS.4572GA PCPPS.4572GA NCPPS.4592GC PCPPS.4592GC	Q-19-007A Q-19-007B	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-026 Q-19-077
	SUA12000ED, SUA12000EDP, SUA12001ED, SUA12002ED, SUA12003ED, SUA12004ED, SUA12005ED, SUA7000, SUA7001, SUA7002, SUA7003, SUA7004, SUA7005, SUA8000IE, SUA8001IE, SUA8002IE, SUA8003IE, SUA8004IE, SUA8005IE, SUA8000IED, SUA8001IED, SUA8002IED, SUA8003IED, SUA8004IED, SUA8005IED, SUA12000E, SUA12001E, SUA12002E, SUA12003E, SUA12004E, SUA12005E, SUA9000E, SUA9001E, SUA9002E, SUA9003E, SUA9004E, SUA9005E, SUA10000E, SUA10001E, SUA10002E, SUA10003E, SUA10004E, SUA10005E, VG12690411, SUA9500IE, SUA95000IED, SUA10000IE, SUA10000IED;		x	II	CARB	31.31	26.70	0.635	Multi-layer	250 205 420 140 110 470 630 370	4.5 5 5.5 6.35 7	NCPPS.4592GC PCPPS.4592GC NCPPS.4572GA PCPPS.4572GA	Q-19-135	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-029 Q-19-083 Q-22-023



Date: 3/16/2022  
 Evaporative Family: CPPCM4572

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m²)	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	SUA12000ED, SUA12000EDP, SUA12001ED, SUA12002ED, SUA12003ED, SUA12004ED, SUA12005ED, SUA7000, SUA7001, SUA7002, SUA7003. SUA7004, SUA7005, SUA8000IE, SUA8001IE, SUA8002IE, SUA8003IE, SUA8004IE, SUA8005IE, SUA8000IED, SUA8001IED, SUA8002IED, SUA8003IED, SUA8004IED, SUA8005IED, SUA12000E, SUA12001E, SUA12002E, SUA12003E, SUA12004E, SUA12005E, SUA9000E, SUA9001E, SUA9001E, SUA9002E, SUA9003E, SUA9004E, SUA9005E, SUA10000E, SUA10001E, SUA10002E, SUA10003E, SUA10004E, SUA10005E, VG12690411, SUA9500IE, SUA9500IED, SUA10000IE, SUA10000IED;	x		II	CARB	28.95	25.10	0.677	Multi-layer	250 205 420 140 110 470 630 370	4.5 5 6.35 7	NCPPS.4592GC PCPPS.4592GC NCPPS.4572GA PCPPS.4572GA	Q-19-135	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-029 Q-19-083 Q-22-023 Q-22-017
	SUA12000ED, SUA12000EDP, SUA12001ED, SUA12002ED, SUA12003ED, SUA12004ED, SUA12005ED, SUA7000, SUA7001, SUA7002, SUA7003. SUA7004, SUA7005, SUA8000IE, SUA8001IE, SUA8002IE, SUA8003IE, SUA8004IE, SUA8005IE, SUA8000IED, SUA8001IED, SUA8002IED, SUA8003IED, SUA8004IED, SUA8005IED, SUA12000E, SUA12001E, SUA12002E, SUA12003E, SUA12004E, SUA12005E, SUA9000E, SUA9001E, SUA9001E, SUA9002E, SUA9003E, SUA9004E, SUA9005E, SUA10000E, SUA10001E, SUA10002E, SUA10003E, SUA10004E, SUA10005E, VG12690411, SUA9500IE, SUA9500IED, SUA10000IE, SUA10000IED;	x		II	CARB	16.00	15.00	0.463	Multi-layer	250 205 420 140 110 470 630 370	4.5 5 5.5 6.35 7	NCPPS.4592GC PCPPS.4592GC NCPPS.4572GA PCPPS.4572GA	Q-19-007A Q-19-007B	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-029 Q-19-083 Q-22-023 Q-22-017
	SUA12000ED, SUA12000EDP, SUA12001ED, SUA12002ED, SUA12003ED, SUA12004ED, SUA12005ED, SUA7000, SUA7001, SUA7002, SUA7003. SUA7004, SUA7005, SUA8000IE, SUA8001IE, SUA8002IE, SUA8003IE, SUA8004IE, SUA8005IE, SUA8000IED, SUA8001IED, SUA8002IED, SUA8003IED, SUA8004IED, SUA8005IED, SUA12000E, SUA12001E, SUA12002E, SUA12003E, SUA12004E, SUA12005E, SUA9000E, SUA9001E, SUA9001E, SUA9002E, SUA9003E, SUA9004E, SUA9005E, SUA10000E, SUA10001E, SUA10002E, SUA10003E, SUA10004E, SUA10005E, VG12690411, SUA9500IE, SUA9500IED, SUA10000IE, SUA10000IED;	x		II	CARB	26.00	25.00	0.603	Multi-layer	250 205 420 140 110 470 630 370	4.5 5 5.5 6.35 7	NCPPS.4592GC PCPPS.4592GC NCPPS.4572GA PCPPS.4572GA	Q-19-007A Q-19-007B	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-029 Q-19-083 Q-22-023 Q-22-017

Date: 3/16/2022  
 Evaporative Family: CPPCM4572

Model Summary

S1. Worst Case (Check One)	S2. Model	S3. Sales Codes (Check all appropriate)		S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Volume (Liters)		S7. Fuel Tank Internal Surface Area (m <sup>2</sup> )	S8. Fuel Line Type (e.g. Single or Multi-Layer)	S9. Nominal Fuel Line Length (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Engine Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister (or Working Capacity (g/L)/ Other Venting Control Executive Order)
		Calif. Only	50-State			Total	Nominal								
	2742006, 2742007, 2742008, 2742009, 2742010, GX56900DP, 2742011, 2742012, 2742013, 2742014, 2742015, 2742016, 2742017, 2742018, 2742019, 2742020, 2742021, 2742022, 2742023, 2742024, 2742025, 2742026, 2742027, 2742028, 2742029, 2742030, 2742031, 2742032, 2742033, 2742034, 2742035, 2742036, 2742037, 2742038, 2742039, 2742040;		x	II	CARB	25.00	24.00	0.714	Multi-layer	250	4.5	NCPPS.2742GA PCPPS.2742GA NCPPS.2742GL PCPPS.2742GL	Q-19-007A Q-19-007B	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-029 Q-19-083 Q-22-017
	2742001, 2742002, 2742003, 2742004, 2742005;		x	II	CARB	17.85	13.75	0.458	Multi-layer	250	4.5	NCPPS.2742GA PCPPS.2742GA NCPPS.2742GL PCPPS.2742GL	Q-19-135	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-028 Q-19-094 Q-19-098
	V17200101		x	II	CARB	21.38	18.60	0.520	Multi-layer	250	4.5	NCPPS.2742GA PCPPS.2742GA NCPPS.2742GL PCPPS.2742GL	Q-19-135	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-027 Q-22-016
	3222001, 3222002, 3222003, 3222004, 3222005, SC5500i, VS8000411, SC6000i, SC7900i, SC5500i, 7900i, XP7900iH, 56700iX, DF700iX, SC7000i, 56950iX, DF950iX, 3222011, 3222012, 3222013, 3222014, 3222015, 3222016, 3222017, 3222018, 3222019, 3222020, 3222021, 3222022, 3222023, 3222024, 3222025, 3222026, 3222027, 3222028, 3222029, 3222030, 3222031, 3222032, 3222033, 3222034, 3222035, 3222036, 3222037, 3222038, 3222039, 3222040;		x	II	CARB	14.00	13.50	0.398	Multi-layer	470 380 350	4 4.5 6 7	NCPPS.3222GA PCPPS.3222GA	Q-19-007A Q-19-007B	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-028 Q-19-094 Q-19-098
	3222006, 3222007, 3222008, 3222009, 3222010;		x	II	CARB	28.95	25.10	0.677	Multi-layer	470 380 350	4 4.5 6 7	NCPPS.3222GA PCPPS.3222GA	Q-19-135	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-029 Q-19-083 Q-22-017
	4592001, 4592002, 4592003, 4592004, 4592005, 4592021, 4592022, 4592023, 4592024, 4592025;		x	II	CARB	26.00	25.00	0.603	Multi-layer	370 420	4 4.5 7	NCPPS.4592GC PCPPS.4592GC	Q-19-007A Q-19-007B	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-029 Q-19-083 Q-22-017
	4592006, 4592007, 4592008, 4592009, 4592010;		x	II	CARB	28.95	25.10	0.677	Multi-layer	370 420	4 4.5 7	NCPPS.4592GC PCPPS.4592GC	Q-19-135	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-029 Q-19-083 Q-22-017
	V110000111, V110000411, V113000111, V113000411;		x	II	CARB	36.00	34.00	0.873	Multi-layer	370 420	4 4.5 7	NCPPS.4592GC PCPPS.4592GC	Q-19-007A Q-19-007B	Q-22-033 Q-22-032 Q-19-071 Q-19-071A	Q-22-030

