

Date: 2/2/2024

Flame Effect Machine Approved List

Flame Effect Machine Model(s)	Manufacturer	Method of Approval	Exhibitor / Sponsor	Approval Date	Approval Display #	Name of Display and whether it is perennial (P)
Dragonfly (Model I)	Sigma Services, Inc	Third Party Testing Docs	High Tech Special Effects	11/1/2019	11919	Munford High School Football Game
Firefly	Sigma Services, Inc	Third Party Testing Docs	High Tech Special Effects	11/1/2019	11919	Munford High School Football Game
Phoenix (by Sigma)	Sigma Services, Inc	Third Party Testing Docs	High Tech Special Effects	11/1/2019	11919	Munford High School Football Game
Salamander Quad Pro	Le Maitre	Engineer's Letter	Pyrotek Special Effects	11/29/2019	11932	Five Finger Death Punch Concert Knoxville
5-Master Flame Projector (right side up and upside down)	TBF Pryotec	Engineer's Letter	Pyrotek Special Effects	11/29/2019	11932	Five Finger Death Punch Concert Knoxville
G-Flame Machine	Galaxis Showtechnik	Engineer's Letter	Strictly FX	12/2/2019	11940	World Wrestling Entertainment - RAW
Firescreen	Image Engineering	Manufacturer Testing	Image SFX	12/4/2019	11960	Transiberian Orchestra Winter Tour (P)
Phoenix (by Image Engineering)	Image Engineering	Manufacturer Testing	Image SFX	12/4/2019	11960	Transiberian Orchestra Winter Tour (P)
Salamander	Le Maitre	Manufacturer Testing	Image SFX	12/4/2019	11960	Transiberian Orchestra Winter Tour (P)
Luminous Arena	Luminous	Manufacturer Engineer	Image SFX	12/4/2019	11960	Transiberian Orchestra Winter Tour (P)
Handheld Custom Prometheus	Sigma Services, Inc	Manufacturer Engineer	Feld Entertainment	12/19/2019	11966	Jurassic World at Bridgestone Nashville
Prometheus	Sigma Services, Inc	Third Party Testing Docs	Feld Entertainment	12/19/2019	11966	Jurassic World at Bridgestone Nashville
Salvo	Sigma Services, Inc	Third Party Testing Docs	Feld Entertainment	12/19/2019	11966	Jurassic World at Bridgestone Nashville
Custom Rum Barrel & Lake Burn	Sigma Services, Inc	Manufacturer Testing	World Choice Investments	12/30/2019	11967	Pirates Voyage - Pigeon Forge (P)
Tiki Torch	Sigma Services, Inc	Third Party Testing Docs	World Choice Investments	12/30/2019	11974	Dolly Partons Stampede - Pigeon Forge (P)
Custom Dragonfly (Model II)	Sigma Services, Inc	Manufacturer Testing	World Choice Investments	12/30/2019	11974	Dolly Partons Stampede - Pigeon Forge (P)
Custom Fire Ring	Sigma Services, Inc	Manufacturer Testing	World Choice Investments	12/30/2019	11974	Dolly Partons Stampede - Pigeon Forge (P)
Custom multiple firefly system	Sigma Services, Inc	Manufacturer Testing	World Choice Investments	1/2/2020	11975	Smokey Mountain Opry Stage - Pigeon Forge (P)
Custom Built Fire on Water	Sigma Services, Inc	Manufacturer Testing	World Choice Investments	1/2/2020	11973	Hatfield & McCoy - Pigeon Forge (P)
Custom Burn Bars Dragonfly I	High Tech Special Effects	Manufacturer Testing	High Tech Special Effects	1/10/2020	11986	Brantley Gilbert Fire it up tour
X2 Wave Flamer	Explo IGNsystems	Manufacturer Testing	High Tech Special Effects	2/6/2020	11992	Cirque du Soleil
Dragon Flame Unit	Pyrotek Special Effects	Engineer's Letter	Pyrotek Special Effects	2/18/2020	12026	Post Malone Concert
Mini-Venom Flame (3 setups)	Strictly FX	Engineer's Letter	Strictly FX	4/17/2021	12277	CMT Campfire Sessions
Fire Screen Flame Unit	Pyrotek Special Effects	Engineer's Letter	Pyrotek Special Effects	4/30/2021	12306	FGL Taped Concert
MOD-1: Hurricane 4 heads	Han Sol Korea & Pyrotecnico	Engineer's Letter	Pyrotecnico FX LLC	8/27/2021	12548	Bonaroo - Other stage
Incendia Dome	Incendia LLC	Manufacturer Testing	High Tech Special Effects	10/1/2021	12597	Mempho Fest
Diablo Flame Machine (Gen 1)	Image Engineering	Manufacturer Testing	Image SFX / HTSE	11/30/2021	12666	Transiberian Orchestra 2021
Flaming Heart Flame Unit	ER Productions	Engineer's Letter	Pyro Shows	2/11/2022	12701	Kacey Musgraves Tour
Megasaurus Flame Machine	Wild West Entertainment Inc.	Engineer's Letter	High Tech Special Effects	3/15/2022	12741	Hot Wheels
LFM Liquid Flame Units	Heroplan	Manufacturer Testing	High Tech Special Effects	3/22/2022	12734	Slipknot Knotfest 2022
LFQ Liquid Flame Units	Heroplan	Manufacturer Testing	High Tech Special Effects	3/22/2022	12734	Slipknot Knotfest 2022
Campfire Set Piece	Image Engineering	Manufacturer Testing	Image SFX / HTSE	9/7/2022	13094	Twenty One Pilots The Icy Tour
Stadium Gun (Cannon) Flame Unit	J.E.M. F/X Inc.	Engineer's Letter	Pyrotek Special Effects	4/6/2023	13281	Taylor Swift Concert
Circle Flamer X-F1800	Showven Technologies Co.	Engineer's Letter	High Tech Special Effects	4/27/2023	13324	Grupo Firme Bridgestone Arena
L-Flame Machine	Galaxis Showtechnik	Engineer's Letter	Pyrotek Special Effects	7/12/2023	13350	Ed Sheeran Concert
G-Flame Machine w/ flame bar	Galaxis Showtechnik	Engineer's Letter	Image SFX	9/19/2023	13618	Maneskin Concert
Frostbite Flame Machine	DW Enterprises	Manufacturer Testing	High Tech Special Effects	11/3/2023	13692	Hot Wheels
8ft Flame Bar attachment (Diablo FM)	Image Engineering	Manufacturer Testing	Image SFX	12/4/2023	13721	Transiberian Orchestra 2023
Custom Rotating Flame Pyramid	Image Engineering	Manufacturer Testing	Image SFX	12/4/2023	13721	Transiberian Orchestra 2023
Fire Snake Flame Unit	Image Engineering	Manufacturer Testing	Image SFX	1/12/2024	13751	Disturbed Tour
Custom Flaming Piano	Image Engineering	Manufacturer Testing	Image SFX	1/24/2024	13751	Disturbed Tour
Custom Pantera Sign	Image Engineering	Manufacturer Testing	Image SFX	1/31/2024	13761	Pantera Concert
uFlamer Volcano Flame Unit	Showven Technologies Co.	Engineer's Letter	Image SFX	2/2/2024	13751	Disturbed Tour