

Performance Verification Test Execution Records for Gaseous Fire Suppression Systems

Aug. 27, 2018

No.	Project	Number of rooms	Test Date	Location	Client	Test Requested By	Test Standards	Remarks
1	Paint Mixer Room	1	Jan. 2012	Qingdao, China	Saic GM Wuling Automobile Co., Ltd.	Qingdao Landunyitong Safety Engineering Co., Ltd.	NFPA 12 CO ₂	Full Discharge Test
2	Paint Mix Room	1	Jun. 2012	Liuzhou, China	Saic GM Wuling Automobile Co., Ltd.	Liuzhou Construction Engineering Group Corp. Co., Ltd.	NFPA 12 CO ₂	Full Discharge Test
3	Paint Mix Room_ New SGMW	1	Sept. 2012	Liuzhou, China	Saic GM Wuling Automobile Co., Ltd.	Liuzhou Construction Engineering Group Corp. Co., Ltd.	NFPA 12 CO ₂	Full Discharge Test
4	Engine Test Cell	1	May, 2013	Liuzhou, China	Saic GM Wuling Automobile Co., Ltd.	Liuzhou Construction Engineering Group Corp. Co., Ltd.	NFPA 2001 HFC-227ea	Full Discharge Test
5	SWGR Room, Converter, Electrical Room	3	July 2013	Ulsan, Korea	Novelis Korea	Novelis Korea	NFPA 12 LP CO ₂	Full Discharge Test
6	SWGR, MCC, LV SWGR, 154kV SWGR Room	4	Oct. 2013	Youngju, Korea	Novelis Korea	Novelis Korea	NFPA 12 LP CO ₂	Full Discharge Test
7	Converter Room	1	Oct. 2013	Youngju, Korea	Novelis Korea	Novelis Korea	NFPA 12 LP CO ₂	Full Discharge Test
8	Paint Mix Room	1	Jan. 2015	Changchun, China	FAW-Volkswagen Automobile Co. Ltd.	FAW-Volkswagen Automobile Co. Ltd.	NFPA 12 CO ₂	Full Discharge Test
9	Paint Store Room	1	Dec. 2015	Changchun, China	FAW-Volkswagen Automobile Co. Ltd.	FAW-Volkswagen Automobile Co. Ltd.	NFPA 12 CO ₂	Full Discharge Test
10	TE Environmental Lab	1	Dec. 2015	Changchun, China	FAW-Volkswagen Automobile Co. Ltd.	FAW-Volkswagen Automobile Co. Ltd.	NFPA 12 CO ₂	Full Discharge Test

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11	Siemens GT#1 Enclosure	4	July 2016	Biskra, Algeria	Societe Algerienne de Production de l'Electrici	Hanwha E&C	NFPA 12 CO ₂	Full Discharge Test
12	Black Start Diesel Generator	6	July 2016	Biskra, Algeria	Societe Algerienne de Production de l'Electrici	Hanwha E&C	NFPA 12 CO ₂	Full Discharge Test
13	SWGR Rooms, Electrical Rooms	79	Aug. 2016~ Apr.2017	MIRFA, UAE	Hyundai Engineering & Construction Co., Ltd.	Hyundai Engineering & Construction Co., Ltd.	NFPA 12 CO ₂	Full Discharge Test
14	Paint Wax Mixing Room	1	Oct. 2016	Liuzhou, China	Saic GM Wuling Automobile Co., Ltd.	Shanghai Xinbo Trade Development Co., Ltd.	NFPA 12 CO ₂	Full Discharge Test
15	Field Auxiliary Room	1	Dec. 2016	Kuwait	Kuwait Oil Company	Samyang System and Control Co., Ltd.	NFPA 2001 IG-541	Full Discharge Test
16	Paint Storage Room	1	Dec. 2016	Jakarta, Indonesia	Saic GM Wuling Automobile Co., Ltd.	Metallurgical Corporation of China Ltd.	NFPA 12 CO ₂	Full Discharge Test
17	Siemens GT#2 Enclosure	1	Jan. 2017	Biskra, Algeria	Societe Algerienne de Production de l'Electrici	Hanwha E&C	NFPA 12 CO ₂	Full Discharge Test
18	FO Tank Room β(1), LO Tank Room β(1), DFO Storage Tank Room β(1)	3	Feb. 2017	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	KEPCO E & C Co., Ltd.	NFPA 12 LP CO ₂	Full Discharge Test
19	Paint Transportation Room	1	Apr. 2017	Jakarta, Indonesia	Saic GM Wuling Automobile Co., Ltd.	Automotive Engineering Corporation	NFPA 12 CO ₂	Full Discharge Test
20	FO Tank Room β(2,3) LO Tank Room β(2,3)	4	Apr. 2017	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	KEPCO E & C Co., Ltd.	NFPA 12 LP CO ₂	Full Discharge Test

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21	CP2 Paint Spot Repair Room	1	May 2017	Changchun, China	FAW-Volkswagen Automobile Co. Ltd.	FAW-Volkswagen Automobile Co. Ltd.	NFPA 12 CO ₂	Full Discharge Test
22	FO Tank Room β(4) LO Tank Room β(4)	2	May. 2017	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	KEPCO E & C Co., Ltd.	NFPA 12 LP CO ₂	Full Discharge Test
23	FO Tank Room β(5) LO Tank Room β(5)	2	July 2017	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	KEPCO E & C Co., Ltd.	NFPA 12 LP CO ₂	Full Discharge Test
24	DFO Storage Tank Room β(2)	1	July 2017	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	Korea Hydro & Nuclear Power Co. Ltd.	NFPA 12 LP CO ₂	Full Discharge Test
25	MT Room, Electrical Room	2	Aug. 2017	Punta Del Tigre, Uruguay	UTE Punta Del Tigre CCPP	Hyundai Engineering Co., Ltd.	NFPA 12 CO ₂	Full Discharge Test
26	FO TK Room β(6), LO TK Room β(6), DFO Storage TK Room β(3,4)	4	Aug. 2017	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	Korea Hydro & Nuclear Power Co. Ltd.	NFPA 12 LP CO ₂	Full Discharge Test
27	Emergency Diesel Generator Room β(1)	1	Sep. 2017	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	Korea Hydro & Nuclear Power Co. Ltd.	NFPA 12 LP CO ₂	Full Discharge Test
28	FS-212 (Corridor A/F)	1	Oct. 2017	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	Korea Hydro & Nuclear Power Co. Ltd.	NFPA 2001 IG-541	Full Discharge Test
29	Cable RM, Commu. RM. Board RM, Local Electro. RM	4	Nov. 2017	Punta Del Tigre, Uruguay	UTE Punta Del Tigre CCPP	Hyundai Engineering & Construction Co., Ltd.	NFPA 12, 2001 CO ₂	Full Discharge Test
30	GT Enclosure #3 PCC Enclosure #3	2	Nov. 2017	Ain Arnat, Algeria	Societe Algerienne de Production de l'Electricite	Hyundai Engineering Co., Ltd.	NFPA 12 CO ₂	Full Discharge Test

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31	DFO Storage Tank Room β(5), Emergency Diesel Generator Room β(2)	2	Nov. 2017	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	Korea Hydro & Nuclear Power Co. Ltd.	NFPA 12 LP CO ₂	Full Discharge Test
32	FS-211 (TSC Office II A/F + 5 Area A/Fs)(1,2)	2	Dec. 2017	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	Korea Hydro & Nuclear Power Co. Ltd.	NFPA 2001 IG-541	Full Discharge Test
33	FO Tank Room β(7) LO Tank Room β(7)	2	Dec. 2017	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	Korea Hydro & Nuclear Power Co. Ltd.	NFPA 12 LP CO ₂	Full Discharge Test
34	DFO Storage Tank Room β(6,7), Class 1E SWGR 01B Room(1)	3	Jan. 2018	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	Korea Hydro & Nuclear Power Co. Ltd.	NFPA 12 LP CO ₂	Full Discharge Test
35	FS-211 (TSC Office II A/F + 5 Area A/Fs)(3)	1	Jan. 2018	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	Korea Hydro & Nuclear Power Co. Ltd.	NFPA 2001 IG-541	Full Discharge Test
36	GIS Room	1	Feb. 2018	Punta Del Tigre, Uruguay	UTE Punta Del Tigre CCPP	Hyundai Engineering & Construction Co., Ltd.	NFPA 12 CO ₂	Full Discharge Test
37	Class 1E SWGR 01B Room(2)	1	Feb. 2018	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	Korea Hydro & Nuclear Power Co. Ltd.	NFPA 12 LP CO ₂	Full Discharge Test
38	FS-203 (TSC Office I A/F)	1	Feb. 2018	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	Korea Hydro & Nuclear Power Co. Ltd.	NFPA 2001 IG-541	Full Discharge Test
39	GT Enclosure #2 PCC Enclosure #2	2	Mar. 2018	Ain Arnat, Algeria	Societe Algerienne de Production de l'Electricite	Hyundai Engineering Co., Ltd.	NFPA 12 CO ₂	Full Discharge Test
40	Class 1E SWGR 02B Room	1	Mar. 2018	Ulsan, Korea Shin-Kori Unit 4	Korea Hydro & Nuclear Power Co. Ltd.	Korea Hydro & Nuclear Power Co. Ltd.	NFPA 12 LP CO ₂	Full Discharge Test

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41	Emergency Diesel Generator Room α(1,2)	2	Apr. 2018	Ulsan, Korea Shin-Kori Unit 3	Korea Hydro & Nuclear Power Co. Ltd.	Korea Hydro & Nuclear Power Co. Ltd.	NFPA 12 LP CO ₂	Full Discharge Test
42	FS-210 (Corridor A/F) (1,2,3)	3	Apr. 2018	Ulsan, Korea Shin-Kori Unit 3	Korea Hydro & Nuclear Power Co. Ltd.	Korea Hydro & Nuclear Power Co. Ltd.	NFPA 2001 IG-541	Full Discharge Test
43	GT Enclosure Unit #31, #32 Generator Unit #31, #32	4	Apr.2018 ~May.2018	Grati, Indonesia	PT.PLN (Persero)	Lotte Engineering & Construction Co., Ltd.	NFPA 12, 2001 CO ₂	Full Discharge Test
44	GT Enclosure #1	1	Aug. 2018	Ain Arnat, Algeria	Societe Algerienne de Production de l'Electrici	Hyundai Engineering Co., Ltd.	NFPA 12 CO ₂	Full Discharge Test