

List of approved devices to prevent the passage of flame(Void)  
 火炎の侵入を防ぐ装置承認リスト(期限切)

Manufacturer	Item	Type	Apparatus Group	Approval No.(Cert.No.)
BAY VALVES APS	High velocity vent/vacuum relief valve with gas free cover	High velocity vent: HI JET ISO II -DN80(No.1200), -DN100(No.1202) and -DN125(No.1204) Vacuum relief valve with gas free cover: HI JET ISO II -DN100(No. 1203)	II B	13CD1T
BINGO VALVE CO., LTD. (ex. 'TAIYO SENGU CO.,LTD.)	Flame Screen	F80S,F100S,F125S,F150S	II A	86HT56Z
	W weight type breather valve	NTW80S2,NTW100S2,NTW125S2,NTW150S2	II A	86HT57Z
	Pressure/vacuum valve fitted with flame screen	NTW80S2,NTW100S2,NTW125S2,NTW150S2	II A	90SN2T
	Flame Screen	F80S,F100S,F125S,F150S	II A	90SN3T
	Flame screen	F - 80S, -100S, -125S, -150S	II A	98CD17T
Bolaco Valves ApS	High velocity pressure vacuum relief valve fitted with flame screen	Bolaco Automatic 100 BV7981 Bolaco Automatic 150 BV7981 Bolaco Automatic 200 BV7981	II A	88HT009Z
	High velocity pressure vacuum relief valve fitted with flame screen	Bolaco Automatic 100 BV7971 Bolaco Automatic 150 BV7971 Bolaco Automatic 200 BV7971	II A	88HT010Z
	High velocity pressure valve	Bolaco Automatic 100 BV7991 Bolaco Automatic 150 BV7991 Bolaco Automatic 200 BV7991	II A	88HT011Z
	Vacuum relief valve fitted with flame screen	Bolaco Automatic 100 BV7961 Bolaco Automatic 150 BV7961 Bolaco Automatic 200 BV7961	II A	88HT012Z
JAPAN MU COMPANY LTD.	Flame arrester	MUA-65EB,100EB,125EB	II A	89SN6T
	Flame arrester	MUA-65EB	II A	93SN3T
	Flame arrester	MUA-100EB	II A	93SN4T
NIIKURA KOGYO CO.,LTD.	Flame screen	SS-630-250,300,350,400,450,500,550,600	II A	85HT356Z
	Flame screen	630C-80,100,125,150,200	II A	85HT357Z
	Vacuum relief valve fitted with flame screen	VV-FC-80,VV-FC-125	II A	85HT363Z
	Weight type breather valve fitted with flame screen	FC-BVW13-80,FC-BVW13-100	II A	86HT154Z
	Flame screen	SS-630-250,300,350,400,450,500,550,600	II A	86HT181Z
	Gas free vent cover(Flame screen)	GFVC-SCS-200,250,300,350	II A	86HT203Z
	Weight type breather valve fitted with flame screen	BVW-41L-FC-80 BVW-41L-SCS-80	II A	86HT204Z
	Weight type breather valve fitted with flame screen	FC-BVW13-80,FC-BVW13-100 SCS-BVW13-80	II A	86HT205Z
	Vacuum relief valve fitted with flame screen	NHV-SCS-65,80,100,125	II A	86HT206Z
	Vacuum relief valve fitted with flame screen	VV-FC-50,65,80,100,125	II A	86HT207Z
	High velocity vent relief valve	NHV-FC-80,100,125,150	II A	86HT208Z
	High velocity vent relief valve	NHV-SCS-65,80,100,125	II A	86HT209Z
	Gas free vent cover(Flame screen)	GFVC-SCS-200,250,300,350	II A	87HT347Z
	Gas free vent cover(Flame screen)	GFVC-100,125,150	II A	87HT504Z
	Flame arrester	630 B-100	II A	88HT398Z
	Flame screen	630C-80,100,125,150,200	II A	89SN9T
	High velocity vent relief valve	NHV-FC-80,100,125,150	II A	90SN11T
	High velocity vent relief valve	NHV-SCS-65,80,100,125	II A	90SN12T
	Gas free vent cover(Flame screen)	GFVC-FC-200,250,300,350	II A	90SN15T
	PV valve fitted with flame screen	FC-BVW13-80,100 SCS-BVW13-80	II A	90SN16T
PV valve fitted with flame screen	BVW-41L-FC-80 BVW-41L-SCS-80	II A	90SN17T	
Flame screen	SS-630-250,300,350,400,450,500,550,600	II A	90SN18T	

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NIIKURA KOGYO CO.,LTD.	Gas free vent cover(Flame screen)	GFVC-100,125,150	IIA	90SN19T
	High velocity exhaust valve	NHV-FC-80,100,125,150	IIA	90SN20T
	Pressure/vacuum valve fitted with flame screen	BVW-41C-FC-80 BVW-41C-SCS-80	IIA	91SN2T
	Flame screen	SS-630(750A,900A)	IIA	91SN3T
	Pressure/vacuum valve fitted with flame screen	BVW-6-FC-B-80 BVW-6-SCS-B-80	IIA	91SN4T
	Gas free vent cover(Flame screen)	GFVC-SCS-200,250,300,350	IIA	91SN5T
	Flame arrester	630B-100	IIA	92SN9T
	Flame screen	SS-630-250,300,350,400,450,500,550,600	IIA	94SN6T
	Pressure/vacuum valve fitted with flame screen	BVW13C-FC-80,100 BVW13C-SCS-80	IIA	94SN7T
	High Velocity Device	NHV-SCS-65,80,100,125	IIA	94SN19T
	Vacuum relief valve fitted with flame screen	VV-FC-50,65,80,100,125,100-L,125-L,150-L	IIA	94SN20T
	Vacuum relief valve fitted with flame screen	VV-SCS-50,65,80,100,125,100-L,125-L	IIA	94SN21T
	Gas free vent cover(Flame screen)	GFVC-FC-200,250,300,350	IIA	94SN22T
	PV valve fitted with flame screen	FC-BVW13-80,100 and SCS-BVW13-80	IIA	94SN23T
	High velocity vent	NIIKURA HI-VENT NHV-SS-80,100,125,150,200 NIIKURA HI-VENT NHV-SUS-65B,65,80,100,125	IIA	96CD13T
	Vacuum valve fitted with flame screen	VV	IIA	98CD21T
	Flame screen	GFVC	IIA	98CD22T
	Flame arrester	630E-100, 125mm	IIA	99CD3T
	High velocity devices	NHV-SS-80-L, -100-L, -125-L, -150-L, -200-L	IIA/ IIB	02CD3T
	High velocity devices	NHV-SS-250-L NHV-SUS-HP65B-L	IIA/ IIB	04CD6
High velocity devices	NHV-SS-80,100,125,150,200,250 NHV-SS-80-L,100-L,125-L,150-L,200-L,250-L HBC-PS-80,100,125,150,200,250 HBC-PA-80,100,125,150,200,250 BCVS1-125,150,200,250	IIA	06CD1T	
PRES-VAC ENGINEERING	Gas Freeing Cover(FLAME SCREEN)	GFC 2317	IIA	85HT191Z
	HIGH VELOCITY VENT VALVE and Vacuum Valve fitted with FLAME SCREEN	HS2,HS3,HS4,HS5,HS6,HS6M,HS7,HS8,HS10	IIA	86HT192Z
	Gas Freeing Cover(FLAME SCREEN)	GFB 2325	IIA	86HT220Z
	Flame Screen	EPV 1700-1	IIA	86HT221Z
	Gas Freeing Cover(FLAME SCREEN)	GFC 2317	IIA	89SN7T
	Pressure/Vacuum Valve	HS2,HS3,HS4,HS5,HS6,HS6M,HS7,HS8,HS10	IIA	89SN8T
	Flame Screen	EPV	IIA	92SN5T
	Gas Freeing Cover(FLAME SCREEN)	GFB	IIA	92SN6T
	Gas Freeing Cover(FLAME SCREEN)	GFC	IIA	93SN7T
	Pressure/Vacuum Valve	HS2,HS3,HS4,HS5,HS6,HS6M,HS7,HS8,HS10	IIA	93SN8T
	Non-Hammering Pressure Relief Valve	Type HS-IMO2	IIA IIB	96CD19T, 96CD20T 96CD21T~96CD30T
	Vacuum Relief Valve	Type IMO2-VAC	IIA IIB	96CD31T 96CD32T~96CD36T
	Flame screen	Gas Freeing Cover TYPE GFB 2325	IIB	12CD8T
Scanvent ApS	Vacuum relief valve with gas free cover	Vacuum relief valve: Type 2389 PV1 and PV2 Gas free cover: Type 2317 DN 80 and DN 100	IIB	13CD11T

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Se-Won Industries Co., Ltd.	Flame arrester	SFK-100A,SFK-125A	IIA	96CD3T
	Pressure/vacuum valve	SBC-100A,SBC-125A	IIA	96CD4T
	High velocity vent/vacuum relief valve	HPV-3,HPV-4,HPV-5,HPV-6	IIA	96CD16T
	Brether Valve	SBH-2,SBH-4,SBH-5,SBH-8,SBH-10	IIA	97CD2T
	High velocity vent/vacuum relief valve fitted with flame screen	HPV-3,-4,-5,-6,-8,-10	IIA	99CD2T
	High Velocity Vent/Vacuum Relief Valve fitted with Flame Screen	HPV-65A, 3", 4", 5" 6", 8" & 10"	IIA/IIIB	02CD16T
	Flame screen	SGF-80A, 100A, 125A, 150A, 200A, 250A and 300A	IIA/IIIB	04CD1T
	High Velocity Vent/Vacuum Relief Valve fitted with Flame Screen	NSD - 150A, 200A, 250A and 300A	IIA	09CD4T
Tanktech Co., Ltd. (ex.Korea Steel Power Co., Ltd.)	High velocity vent	KSPA-3,KSPA-4,KSPA-6,KSPA-8	IIA	97CD3T
	Vacuum relief valve fitted with flame screen	KSPV-3,KSPV-4,KSPV-6,KSPV-8	IIA	97CD4T
	Flame screen	KSFV-3,KSFV-4,KSFV-5,KSFV-6,KSFV-8,KSFV-10,KSFV-12,KSFV-16	IIA	98CD19T
	Pressure/vacuum valve fitted with flame screen	KSBF-65,KSBF-80,KSBF-100,KSBF-125	IIA	98CD20T
	High velocity vent/vacuum relief valve fitted with flame screen	POWER-2.5,3,4,5,10	IIA	00CD1T
	Flame screen	KSGFH-5	IIA	00CD2T
	Flame screen	KSGF-4,KSGF-6,KSGF-8,KSGF-10	IIA	01CD1T
	Pressure/vacuum valve fitted with flame screen	ISO-BF-3	IIA	01CD3T
	High velocity vent/vacuum relief valve fitted with flame screen	NEW-ISO-H-65,80,100,125,150,200,250,300 NEW-ISO-V-65,80,100,125,150,200,250,300	IIA	02CD2T
	Flame screen	KSGFH-4	IIA	02CD11T
	Flame screen	KSGFH-8	IIA	03CD2T
	Pressure/vacuum valve fitted with flame screen	ISO-BF-2.5,ISO-BF-4,ISO-BF-5	IIA	03CD4T
	High velocity vent/vacuum relief valve fitted with gas free cover	High velocity vent: SUPER-ISO-65, 80, 100, 125, 150, 200, 250, 300 Vacuum relief valve: VAC-ISO-65, 80, 100, 125, 150, 200, 250, 300	IIA/IIIB	07CD9T

Update on 1 February 2024

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