

 NISOC	نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض و ابنیه تحت الارض خرید پکیج های کمپرسور گاز (رفت و برگشتی) بینک (قرارداد ۰۳-۰۰۸-۰۰۰۰-BK-HD-GCS-CO)																			
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATASHEET FOR SAFETY VALVES <table border="1"> <tr> <td>نسخه</td> <td>سریال</td> <td>نوع</td> <td>رشته</td> <td>تمهيلات</td> <td>صادر کننده</td> <td>بسته کاری</td> <td>پروژه</td> </tr> <tr> <td>V02</td> <td>0004</td> <td>DS</td> <td>IN</td> <td>120</td> <td>HY</td> <td>GCS</td> <td>BK</td> </tr> </table>		نسخه	سریال	نوع	رشته	تمهيلات	صادر کننده	بسته کاری	پروژه	V02	0004	DS	IN	120	HY	GCS	BK	شماره صفحه: ۱ از ۸	
نسخه	سریال	نوع	رشته	تمهيلات	صادر کننده	بسته کاری	پروژه													
V02	0004	DS	IN	120	HY	GCS	BK													
طرح نگهداشت و افزایش تولید ۲۷ مخزن DATASHEET FOR SAFETY VALVES نگهداشت و افزایش تولید میدان نفتی بینک																				
Rev.	Date	Purpose of Issue/Status	Prepared By	Checked By	Approved By	Client Approval														
CLIENT Doc. Number: status: IFA: Issued For Approval IFR: Issued For Review IFI: Issued For Information AFC: Approved For Construction																				



NISOC

شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

نگهداشت و افزایش تولید میدان نفتی بینک
سطح الارض و ابنیه تحت الارض
خرید پکیج های کمپرسور گاز (رفت و برگشتی) بینک
(قرارداد ۰۳_۰۰۰۸-GCS-BK-HD)



HAVAYAR
INDUSTRIAL GROUP

DATASHEET FOR SAFETY VALVES

نسخه	سریال	نوع	رشته	تسهیلات	صادر کننده	بسته کاری	پروژه
V02	0004	DS	IN	120	HY	GCS	BK

شماره صفحه: ۲ از ۸

REVISION RECORD SHEET

Page	V00	V01	V02	V03	V04
1	X	X	X		
2	X	X	X		
3	X	X	X		
4	X	X	X		
5	X	X	X		
6	X	X	X		
7	X	X	X		
8	X	X	X		
9					
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Page	V00	V01	V02	V03	V04
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شماره پیمان:
۵۳ - ۰۷۳ - ۹۱۸۴

DATASHEET FOR SAFE

بین TAFG NO. ها در P&ID مغایرت دارد.
هواپار: در رویژن جدید P&ID تگ ها اصلاح شدند.

شماره صفحه: ۳ از ۸

پروژه	بسته کاری	صادرکننده	تهیه‌یلات	شسته
BK	GCS	HY	120	IN

GENERAL

1	TAG NO.		PSV-2122A/PSV-2123A		PSV-2132A/PSV-2133A	
2	SERVICE		1STG DISCHARGE SNUBBER		2nd STAGE DISCHARGE SNUBBER	
3	P&ID NO.		BK-GCS-HY-120-PR-PI-0001- Page1		BK-GCS-HY-120-PR-PI-0001- Page1	
4	LINE NO. / VESSEL NO.	inlet and outlet size shall be checked after finalizing of orifice designation HY: Confirm. As per calculation sheet,	GAS-111-0036A-CN05- 10"-PT		IS	
5	FULL NOZZLE, SEMI NOZZLE		FULL NOZZLE		IS	
6	SAFETY OR RELIEF		SAFETY & RELIEF		HY: Noted	
7	CONV., BELLOW, PILOT OP.		CONVENTIONAL(VTA)		line size?	
8	BONNET TYPE		CLOSED		HY: It will be checked.	
CONNECTION						
9	SIZE: INLET		3"(VTA)	4"(VTA)	1.1/2"(VTA)	3"(VTA)
10	FLANGE RATING OR SCRWED: IN		300# ,ASME B 16.5	150# ,ASME B 16.5	600# ,ASME B 16.5	150# ,ASME B 16.5
11	FACING/ FINISHING : IN		RF ASME B16.5	RF ASME B16.5	RF ASME B16.5	RF ASME B16.5

inlet and outlet
size shall be
checked after
finalizing of orifice
designation
HY: Confirm. As
per calculation
sheet,

IS
-HY: Noted

line size?
HY: It will be checked.

MATERIALS

12	BODY & BONNET	A216 Gr.WCB (Nace)	A216 Gr.WCB (Nace)
13	SEAT	Soft /PTFE Coating	PTFE Coating
14	NOZZLE & Disk	S.S. 316L (Nace)	S.S. 316L (Nace)
15	GUID AND RINGS	S.S. 316L (Nace)	S.S. 316L (Nace)
16	SPRINGS	S.S. 316L (Nace)	S.S. 316L (Nace)
17	BELLOWS	N/A(VTA)	N/A(VTA)
18	NACE MATERIAL	Yes	Yes

OPTIONS

19	CAP : SCREWED OR BOLTED	Screwed	Screwed
20	LEVER : PLAIN OR PACKED	NOT REQUIRED	NOT REQUIRED
21	TEST GAG	Yes	Yes
22	RUPTURE DISC	NO	NO

BASIS

23	CODE	API RP 520	API RP 520
24	FIRE	No	relieving temperature will slightly increase in relieving condition
25	OTHER	BLOCK OUTLET	

relieving temperature will slightly increase in relieving condition.

FLUID DATA

26	FLUID & STATE		Process Gas		T _{in} : Max relieving temperature be rechecked.	
27	REQUIRED CAPACITY		kg/h	8,936		8,936
28	MOL. WT.	Mass Density (kg/m ³)	24.52	14.62	24.52	42.01
29	OPER. PRESS.	Barg	SET PRESSURE	Barg	18	24.5
30	OPER. TEMP.	°C	REL. TEMP.	°C	129	148
31	BACK PRESSURE		CONSTANT	0.8	0.8	0.8
32			VARIABLE	0	0	0
33			TOTAL	0.8	0.8	0.8
34	% ALLOWABLE OVER PRESS.		10	10	10	10
35	OVER PRESSURE FACTOR		10%	10%	10%	10%
36	COMPRESSIBILITY FACTOR (Z)		0.9668	0.9668	0.9281	0.9281
37	LATENT HEAT OF VAPORIZATION (Kj / Kg)		-	-	-	-
38	RATIO OF SPECIFIC HEATS (Cp / Cv)		1.221	1.221	1.271	1.271
39	OPERATING VISCOSITY cP		1.49E-02	1.49E-02	1.65E-02	1.65E-02
40	barometric pressure		m bara	Summer: 914-winter: 991	Summer: 914-winter: 991	Summer: 914-winter: 991
41	CORROSION		3mm	3mm	3mm	3mm

HY: Max relieving temperature will be rechecked.

maximum flare
back pressure
to be
considered
HY: 1 barg will
be considered

SPECIFICATION

42	CALCULATION ORIFICE AREA	mm ²	VTA	VTA
43	SELECTED ORIFICE AREA	mm ²	VTA	to be specified ← HY: It will be finalized after supplier data determination.
44	ORIFICE DESIGNATION		VTA	
45	MANUFACTURE		Kiasa	
46	MODEL NO.			
47	MAXIMUM SOUND LEVEL (db)			

to be specified ←
HY: It will be finalized
after supplier data
determination.

 NISOC		تجهداشت و افزایش تولید میدان نفتی بینک سطح الارض و ابنيه تحت الارض خرید پکیج های کمپرسور گاز (رفت و برگشتی) بینک (قرارداد آ۰۳-۰۰۰-CO-GCS-HD-BK)						 HAVAYAR INDUSTRIAL GROUP			
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴		DATASHEET FOR SAFETY VALVES							شماره صفحه: ۴ از ۸		
		نسخه	سریال	نوع	رشته	تهیهات	صادرکننده	بسته کاری			پروژه
		V02	0004	DS	IN	120	HY	GCS			BK
GENERAL											
1	TAG NO.			PSV-2122B/PSV-2123B				PSV-2132B/PSV-2133B			
2	SERVICE			1STG DISCHARGE SNUBBER				2nd STAGE DISCHARGE SNUBBER			
3	P&ID NO.			BK-GCS-HY-120-PR-PI-0001- Page1				BK-GCS-HY-120-PR-PI-0001- Page1			
4	LINE NO. / VESSEL NO.			GAS-111-0036A-CN05-10"-PT				GAS-111-0051A-FN05-6"-IS			
5	FULL NOZZLE, SEMI NOZZLE			FULL NOZZLE				FULL NOZZLE			
6	SAFETY OR RELIEF			SAFETY & RELIEF				SAFETY & RELIEF			
7	CONV., BELLOWS, PILOT OP.			CONVENTIONAL(VTA)				CONVENTIONAL(VTA)			
8	BONNET TYPE			CLOSED				CLOSED			
CONNECTION											
9	SIZE: INLET		OUTLET		3"(VTA)		4"(VTA)		1.1/2"(VTA)		3"(VTA)
10	FLANGE RATING OR SCREWED: IN		OUT		300# ,ASME B 16.5		150# ,ASME B 16.5		600# ,ASME B 16.5		150# ,ASME B 16.5
11	FACING/ FINISHING : IN		OUT		RF ASME B16.5		RF ASME B16.5		RF ASME B16.5		RF ASME B16.5
MATERIALS											
12	BODY & BONNET			A216 Gr.WCB (Nace)				A216 Gr.WCB (Nace)			
13	SEAT			Soft /PTFE Coating				PTFE Coating			
14	NOZZLE & Disk			S.S. 316L (Nace)				S.S. 316L (Nace)			
15	GUID AND RINGS			S.S. 316L (Nace)				S.S. 316L (Nace)			
16	SPRINGS			S.S. 316L (Nace)				S.S. 316L (Nace)			
17	BELLOWS			N/A(VTA)				N/A(VTA)			
18	NACE MATERIAL			Yes				Yes			
OPTIONS											
19	CAP : SCREWED OR BOLTED			Screwed				Screwed			
20	LEVER : PLAIN OR PACKED			NOT REQUIRED				NOT REQUIRED			
21	TEST GAG			Yes				Yes			
22	RUPTURE DISC			NO				NO			
BASIS											
23	CODE			API RP 520				API RP 520			
24	FIRE			No				No			
25	OTHER			BLOCK OUTLET				BLOCK OUTLET			
FLUID DATA											
26	FLUID & STATE			Process Gas				Process Gas			
27	REQUIRED CAPACITY		kg/h		8,936		8,936				
28	MOL. WT.		Mass Density (kg/m3)		24.52		14.62		24.52		42.01
29	OPER. PRESS. Barg		SET PRESSURE Barg		18		24.5		54.9		62
30	OPER. TEMP. °C		REL. TEMP. °C		129		129		148		148
31	BACK PRESSURE Barg		CONSTANT		0.8		0.8				
VARIABLE			0		0						
TOTAL			0.8		0.8						
34	% ALLOWABLE OVER PRESS.			10				10			
35	OVER PRESSURE FACTOR			10%				10%			
36	COMPRESSIBILITY FACTOR (Z)			0.9668				0.9281			
37	LATENT HEAT OF VAPORIZATION (Kj / Kg)			-				-			
38	RATIO OF SPECIFIC HEATS (Cp / Cv)			1.221				1.271			
39	OPERATING VISCOSITY cP			1.49E-02				1.65E-02			
40	barometric pressure		m bara		Summer: 914-winter: 991		Summer: 914-winter: 991				
41	CORROSION			3mm				3mm			
SPECIFICATION											
42	CALCULATION ORIFICE AREA		mm ²		VTA		VTA				
43	SELECTED ORIFICE AREA		mm ²		VTA		VTA				
44	ORIFICE DESIGNATION			VTA				VTA			
45	MANUFACTURE			Kiasa				Kiasa			
46	MODEL NO.										
47	MAXIMUM SOUND LEVEL (db)										

		نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض و ابنیه تحت الارض خرید پکیج های کمپرسور گاز (دفت و برگشتی) بینک (قرارداد ۰۳-۰۰۸-۰۰۰۰-BK-HD-GCS-CO)									
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴		DATASHEET FOR SAFETY VALVES								شماره صفحه: ۵ از ۸	
		پروژه	بسته کاری	صادر کننده	تهیهات	رشته	نوع	سریال	نسخه		
		BK	GCS	HY	120	IN	DS	0004	V02		
GENERAL											
1	TAG NO.		PSV-2122C/PSV-2123C				PSV-2132C/PSV-2133C				
2	SERVICE		1STG DISCHARGE SNUBBER				2nd STAGE DISCHARGE SNUBBER				
3	P&ID NO.		BK-GCS-HY-120-PR-PI-0001- Page1				BK-GCS-HY-120-PR-PI-0001- Page1				
4	LINE NO. / VESSEL NO.		GAS-111-0036A-CN05-10"-PT				GAS-111-0051A-FN05-6"-IS				
5	FULL NOZZLE, SEMI NOZZLE		FULL NOZZLE				FULL NOZZLE				
6	SAFETY OR RELIEF		SAFETY & RELIEF				SAFETY & RELIEF				
7	CONV., BELLOWS, PILOT OP.		CONVENTIONAL(VTA)				CONVENTIONAL(VTA)				
8	BONNET TYPE		CLOSED				CLOSED				
CONNECTION											
9	SIZE: INLET	OUTLET	3"(VTA)		4"(VTA)		1.1/2"(VTA)		3"(VTA)		
10	FLANGE RATING OR SCRWD: IN	OUT	300#, ASME B 16.5		150#, ASME B 16.5		600#, ASME B 16.5		150#, ASME B 16.5		
11	FACING/ FINISHING : IN	OUT	RF ASME B16.5		RF ASME B16.5		RF ASME B16.5		RF ASME B16.5		
MATERIALS											
12	BODY & BONNET		A216 Gr.WCB (Nace)				A216 Gr.WCB (Nace)				
13	SEAT		Soft /PTFE Coating				PTFE Coating				
14	NOZZLE & Disk		S.S. 316L (Nace)				S.S. 316L (Nace)				
15	GUID AND RINGS		S.S. 316L (Nace)				S.S. 316L (Nace)				
16	SPRINGS		S.S. 316L (Nace)				S.S. 316L (Nace)				
17	BELLOWS		N/A(VTA)				N/A(VTA)				
18	NACE MATERIAL		Yes				Yes				
OPTIONS											
19	CAP : SCREWED OR BOLTED		Screwed				Screwed				
20	LEVER : PLAIN OR PACKED		NOT REQUIRED				NOT REQUIRED				
21	TEST GAG		Yes				Yes				
22	RUPTURE DISC		NO				NO				
BASIS											
23	CODE		API RP 520				API RP 520				
24	FIRE		No				No				
25	OTHER		BLOCK OUTLET				BLOCK OUTLET				
FLUID DATA											
26	FLUID & STATE		Process Gas				Process Gas				
27	REQUIRED CAPACITY		kg/h	8,936			8,936				
28	MOL. WT.	Mass Density (kg/m3)	24.52	14.62		24.52		42.01			
29	OPER. PRESS. Barg	SET PRESSURE Barg	18	24.5		54.9		62			
30	OPER. TEMP. °C	REL. TEMP. °C	129	129		148		148			
31	BACK PRESSURE Barg	CONSTANT	0.8			0.8					
32		VARIABLE	0			0					
33		TOTAL	0.8			0.8					
34	% ALLOWABLE OVER PRESS.		10			10					
35	OVER PRESSURE FACTOR		10%			10%					
36	COMPRESSIBILITY FACTOR (Z)		0.9668			0.9281					
37	LATENT HEAT OF VAPORIZATION (Kj / Kg)		-			-					
38	RATIO OF SPECIFIC HEATS (Cp / Cv)		1.221			1.271					
39	OPERATING VISCOSITY cP		1.49E-02			1.65E-02					
40	barometric pressure	m bara	Summer: 914-winter: 991			Summer: 914-winter: 991					
41	CORROSION		3mm			3mm					
SPECIFICATION											
42	CALCULATION ORIFICE AREA		mm ²	VTA			VTA				
43	SELECTED ORIFICE AREA		mm ²	VTA			VTA				
44	ORIFICE DESIGNATION		VTA			VTA					
45	MANUFACTURE		Kiasa			Kiasa					
46	MODEL NO.										
47	MAXIMUM SOUND LEVEL (db)										

		نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض و ابنیه تحت الارض خرید پکیج های کمپرسور گاز (رفت و برگشتی) بینک (قرارداد ۰۰۰۸۰۳-GCS-CO-HD-BK)							
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴		DATASHEET FOR SAFETY VALVES						شماره صفحه: ۶ از ۸	
		پروژه	بسته کاری	صادر کننده	تجهیزات	رشته	نوع		سریال
		BK	GCS	HY	120	IN	DS		0004
GENERAL									
1	TAG NO.		PSV-2203A			PSV-2204A			
2	SERVICE		N2 Gas Supply			N2 Gas Supply			
3	P&ID NO.		BK-GCS-HY-120-PR-PI-0001-Page4			BK-GCS-HY-120-PR-PI-0001-Page4			
4	LINE NO. / VESSEL NO.		NIT-112-0002A-SS-1"-IS			NIT-112-0001A-SS-1"-IS			
5	FULL NOZZLE, SEMI NOZZLE		FULL NOZZLE			FULL NOZZLE			
6	SAFETY OR RELIEF		SAFETY & RELIEF			SAFETY & RELIEF			
7	CONV., BELLOWS, PILOT OP.		CONVENTIONAL			CONVENTIONAL			
8	BONNET TYPE		CLOSED			CLOSED			
CONNECTION									
9	SIZE: INLET	OUTLET	1/2"		1/2"		1/2"		
10	FLANGE RATING OR SCRWED: IN	OUT	Threaded		Threaded		Threaded		
11	FACING/ FINISHING : IN	OUT	-		-		-		
MATERIALS									
12	BODY & BONNET		A 351 CF8M			A 351 CF8M			
13	SEAT		Hard/S.S.316L			Hard/S.S.316L			
14	NOZZLE & Disk		S.S. 316L			S.S. 316L			
15	GUID AND RINGS		S.S. 316L			S.S. 316L			
16	SPRINGS		S.S. 316L			S.S. 316L			
17	BELLOWS		NOT REQUIRED			NOT REQUIRED			
18	NACE MATERIAL		NOT REQUIRED			NOT REQUIRED			
OPTIONS									
19	CAP : SCREWED OR BOLTED		Screwed			Screwed			
20	LEVER : PLAIN OR PACKED		NOT REQUIRED			NOT REQUIRED			
21	TEST GAG		Yes			Yes			
22	RUPTURE DISC		NO			NO			
BASIS									
23	CODE		API RP 520			API RP 520			
24	FIRE		No			No			
25	OTHER		BLOCK OUTLET			BLOCK OUTLET			
FLUID DATA									
26	FLUID & STATE		N2 Gas Supply			N2 Gas Supply			
27	REQUIRED CAPACITY		Nm3/h		3		3		
28	MOL. WT.	Mass Density (kg/m3)	28.01		2.037		28.01		
29	OPER. PRESS. Barg	SET PRESSURE Barg	1		2.8		2.2		
30	OPER. TEMP. °C	REL TEMP. °C	60		60		60		
31	BACK PRESSURE Barg	CONSTANT	NO		NO		NO		
32		VARIABLE	NO		NO		NO		
33		TOTAL	NO		NO		NO		
34	% ALLOWABLE OVER PRESS.		10		10		10		
35	OVER PRESSURE FACTOR		10%		10%		10%		
36	COMPRESSIBILITY FACTOR (Z)		9.99E-01		0.999		0.999		
37	LATENT HEAT OF VAPORIZATION (Kj / Kg)		-		-		-		
38	RATIO OF SPECIFIC HEATS (Cp / Cv)		1.4		1.4		1.4		
39	OPERATING VISCOSITY cP		1.99E-02		1.99E-02		1.99E-02		
40	barometric pressure	m bara	Summer: 914-winter: 991		Summer: 914-winter: 991		Summer: 914-winter: 991		
41	CORROSION								
SPECIFICATION									
42	CALCULATION ORIFICE AREA		mm ²		VTA		VTA		
43	SELECTED ORIFICE AREA		mm ²		VTA		VTA		
44	ORIFICE DESIGNATION		Kiasa Performance		Kiasa Performance		Kiasa Performance		
45	MANUFACTURE		Kiasa		Kiasa		Kiasa		
46	MODEL NO.								
47	MAXIMUM SOUND LEVEL (db)								
Note: As per API standard minimum orifice letter is "D" & the letter is too much for required flow. we have chatterin in PSV for flange PSV & orifice D So threaded PSV has been supplied.									



		نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض و ابنیه تحت الارض خرید پکیج های کمپرسور گاز (رفت و برگشتی) بینک (BK-HD-GCS-CO-000۸-۰۳ قرارداد)								
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴		DATASHEET FOR SAFETY VALVES							شماره صفحه: ۸ از ۸	
		پروژه	بسته کاری	صادر کننده	تمپلالت	رشته	نوع	سریال		نسخه
		BK	GCS	HY	120	IN	DS	0004		V02
GENERAL										
1	TAG NO.		PSV-2203C				PSV-2204C			
2	SERVICE		N2 Gas Supply				N2 Gas Supply			
3	P&ID NO.		BK-GCS-HY-120-PR-PI-0001-Page4				BK-GCS-HY-120-PR-PI-0001-Page4			
4	LINE NO. / VESSEL NO.		NIT-112-0002A-SS-1"-IS				NIT-112-0001A-SS-1"-IS			
5	FULL NOZZLE, SEMI NOZZLE		FULL NOZZLE				FULL NOZZLE			
6	SAFETY OR RELIEF		SAFETY & RELIEF				SAFETY & RELIEF			
7	CONV., BELLOWS, PILOT OP.		CONVENTIONAL				CONVENTIONAL			
8	BONNET TYPE		CLOSED				CLOSED			
CONNECTION										
9	SIZE: INLET	OUTLET	1/2"		1/2"		1/2"		1/2"	
10	FLANGE RATING OR SCREWED: IN	OUT	Threaded		Threaded		Threaded		Threaded	
11	FACING/ FINISHING : IN	OUT	-		-		-		-	
MATERIALS										
12	BODY & BONNET		A 351 CF8M				A 351 CF8M			
13	SEAT		Hard/S.S.316L				Hard/S.S.316L			
14	NOZZLE & Disk		S.S. 316L				S.S. 316L			
15	GUID AND RINGS		S.S. 316L				S.S. 316L			
16	SPRINGS		S.S. 316L				S.S. 316L			
17	BELLOWS		NOT REQUIRED				NOT REQUIRED			
18	NACE MATERIAL		NOT REQUIRED				NOT REQUIRED			
OPTIONS										
19	CAP : SCREWED OR BOLTED		Screwed				Screwed			
20	LEVER : PLAIN OR PACKED		NOT REQUIRED				NOT REQUIRED			
21	TEST GAG		Yes				Yes			
22	RUPTURE DISC		NO				NO			
BASIS										
23	CODE		API RP 520				API RP 520			
24	FIRE		No				No			
25	OTHER		BLOCK OUTLET				BLOCK OUTLET			
FLUID DATA										
26	FLUID & STATE		N2 Gas Supply				N2 Gas Supply			
27	REQUIRED CAPACITY		Nm3/h		3		3			
28	MOL. WT.	Mass Density (kg/m3)	28.01		2.037		28.01		3.251	
29	OPER. PRESS. Barg	SET PRESSURE Barg	1		2.8		2.2		2.8	
30	OPER. TEMP. °C	REL. TEMP. °C	60		60		60		60	
31	BACK PRESSURE Barg	CONSTANT	NO		NO		NO			
32		VARIABLE	NO		NO		NO			
33		TOTAL	NO		NO		NO			
34	% ALLOWABLE OVER PRESS.		10		10		10			
35	OVER PRESSURE FACTOR		10%		10%		10%			
36	COMPRESSIBILITY FACTOR (Z)		9.99E-01		0.999		0.999			
37	LATENT HEAT OF VAPORIZATION (Kj / Kg)		-		-		-			
38	RATIO OF SPECIFIC HEATS (Cp / Cv)		1.4		1.4		1.4			
39	OPERATING VISCOSITY cP		1.99E-02		1.99E-02		1.99E-02			
40	barometric pressure	m bara	Summer: 914-winter: 991		Summer: 914-winter: 991		Summer: 914-winter: 991			
41	CORROSION									
SPECIFICATION										
42	CALCULATION ORIFICE AREA	mm ²	VTA		VTA		VTA			
43	SELECTED ORIFICE AREA	mm ²	VTA		VTA		VTA			
44	ORIFICE DESIGNATION		Kiasa Performance		Kiasa Performance		Kiasa Performance			
45	MANUFACTURE		Kiasa		Kiasa		Kiasa			
46	MODEL NO.									
47	MAXIMUM SOUND LEVEL (db)									
Note: As per API standard minimum orifice letter is "D" & the letter is too much for required flow. we have chatterin in PSV for flange PSV & orifice D So threaded PSV has been supplied.										