

## TRAP SURVEY DATA LOG

Performed by Apex Industrial Solutions Inc.

DATE	12/3/21		сиѕтоме	R	Cold Spring	Brewery	
TECH NAME	Mike Marketon   Keith Svrc	ek	LOCATION	ı	Cold Spring,	MN	
MONTHS		DRI	P			TRACER	
YEAR		COI	L			PROCESS	

			Boiler Room -	Application	Typo			DMO	100	Superheat?				Di	iping	Sto	eam	Fallere Ha Date 2	12/2/22
Tag#	1	Location	South	Аррисации	Туре	MFR	Hoffman	РМО	180	Shutdown		Insulation?		FI	iping	Supply	edili	Follow Up Date?	12/3/23
		·		Dein	Inverted	<u> </u>		Conn Size	0.75"	Required?		Transmitter		Direction		Discharge		-	
Outside?		Elevation	7 Ft	Drip	Bucket	Model	B1180A	Line In		Pressure In	125	Chaple Value	Vaa				dition	Recommendation	
Route No.		Steam Loss				Conn	NPT	Line Out		Pressure Out		Check Valve?	Yes	Strainer	Yes				
Noute No.		Steam Loss		Months / Year		Туре	INI I	Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In					
Steam Cost		Annual Cost		Frequency		Check		Condensate		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out				Comments	
				Installed Date		Valve?		Load		Temp Atarin			163	Valve out					
			Boiler Room -	Application	Туре			РМО	100	Superheat?		In In the 2		Pi	iping	Ste	eam	Follow Up Date?	12/2/22
Tag#	2	Location	North	7.664.00.00	.,,,,,	MFR	Hoffman		180	Shutdown		Insulation?		_		Supply		Tottow op Date:	12/3/23
0		Flourition		Drin	Inverted	Mardal	B11001	Conn Size	0.75"	Required?		Transmitter		Direction	Horizon <sup>-</sup>	tal Discharge		- - -	
Outside?		Elevation	6 Ft	Drip	Bucket	Model	B1180A	Line In		Pressure In	180	Check Valve?	Vaa	_			dition	Recommendation	
Route No.		Steam Loss		14 11 11		Conn	NPT	Line Out		Pressure Out		Check valve:	Yes	Strainer	Yes				
				Months / Year		Туре	INI	Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In			OK	Comments	
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate		Temp Alarm		Downstream ISO Valve?	No	Valve Out			)K	Comments	
				Installed Date		valves		Load		Temp/karm			INO	Tatte Gat					
			Boiler Room -	Application	Туре			PMO	180	Superheat?		Impulation?		Pi	iping	Ste	eam	Follow Up Date?	12/3/23
Tag#	3	Location	North	търгизия и	.,,,,,,	MFR	Hoffman		0.75"	Shutdown		Insulation?		_		Supply		Tollow op Bate:	12/3/23
Outside?		Elevation	6 Ft	Drip	Inverted	Model	B1180A	- Conn Size	0.75	Required?		Transmitter		Direction	Horizon <sup>-</sup>	tal Discharge		- Docommondation	
Outside:		Elevation	671	5116	Bucket	Model	DIIOUA	Line In		Pressure In	125	Check Valve?	Yes			Cond	dition	- Recommendation	
Route No.		Steam Loss		Months / Veer		Conn	NPT	Line Out		Pressure Out		_ Griedit Fatter		Strainer	Yes			1	
				Months / Year		Туре		Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In			K	Comments	
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out				Comments	
				Installed Date		valve.		Load		10p 1									
		l	Pasteurizer Area -	Application	Туре			PMO	125	Superheat?		Insulation?		Pi	iping	Ste	eam	Follow Up Date?	12/3/23
Tag#	4	Location	South Walkway		J	MFR	Armstrong	- Conn Size		Shutdown		insulation:		_		Supply		- one of Pater	
Outside?		Elevation	15 Ft	Drip	Float &	Model	12F D4		1"	Required?		Transmitter		Direction	Horizon <sup>-</sup>	tal <sub>Discharge</sub>		- Recommendation	Replace with Watson McDaniel
outside:		Lievation	15 FL		Thermostatic	Model	125-B4	Line In		Pressure In	60	Check Valve?	Yes	Strainer		Cond	dition	Recommendation	WFT-125-14-N
Route No.		Steam Loss		Months / Year		Conn	NPT	Line Out		Pressure Out				Strainer	Yes				
				Months / Tear		Туре		Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In			iled	Comments	
				Frequency		1							.,	Value Out		Op	oen	Comments	
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out					
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	valve Out					
	F		Pasteurizer Area -	· · ·	Туре	Valve?	Armstrong	Condensate Load	125	Temp Alarm  Superheat?			Yes		iping	Ste	eam	Follow Up Date?	12/3/23
Steam Cost Tag #	5	Annual Cost  Location	Pasteurizer Area - DD Steam In	Installed Date			Armstrong	PMO		Superheat? Shutdown		Insulation?	Yes	Pi		Supply	eam	Follow Up Date?	12/3/23
Tag#	5		DD Steam In	Installed Date	Inverted	Valve?  MFR		PMO Conn Size	125 1"	Superheat? Shutdown Required?			Yes		iping Horizont	Supply	eam	Follow Up Date?	Replace with
	5	Location		Installed Date  Application		Valve?  MFR  Model	Armstrong 883	PMO Conn Size Line In		Superheat? Shutdown Required? Pressure In	60	Insulation?	Yes	Pi	Horizont	Supply Discharge	eam		
Tag#	5	Location	DD Steam In	Installed Date  Application	Inverted	Valve?  MFR  Model  Conn		PMO Conn Size Line In Line Out		Superheat? Shutdown Required?	60	Insulation?  Transmitter  Check Valve?	No	Direction Strainer?		Supply Discharge Cond	dition		Replace with Watson McDaniel
Tag # Outside?	5	Location  Elevation	DD Steam In	Application  Drip	Inverted	Valve?  MFR  Model	883	PMO Conn Size Line In		Superheat? Shutdown Required? Pressure In	60	Insulation? Transmitter		Pi	Horizont	Supply Discharge Conc			Replace with Watson McDaniel

Tag#	6	Location	Pasteurizer Area -	Application	Туре	MFR	Hoffman	PMO 1	175	Superheat?		Insulation?		Piping Steam	Follow Up Date?	12/3/23
Tug "		Location	DD Heat Condensate	_	Float &			Conn Size	2"	Shutdown Required?		Transmitter		Direction Horizontal		
Outside?		Elevation	1 Ft	Process	Thermostatic	Model	FT175C8	Line In		Pressure In	125		No	Discharge	Recommendation	
Route No.		Steam Loss		Months / Year		Conn	NPT	Line Out		Pressure Out		Check Valve?	No	Strainer? Yes		
				Frequency		Type		Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In Not In	Comments	
Steam Cost		Annual Cost		Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out Service		
						1										
Tag#	7	Location	Filter Area - Single Deck HX	Application	Туре	MFR	Armstrong	РМО	60	Superheat?		Insulation?		Piping Steam	Follow Up Date?	12/3/23
0 1 1 1 0		-1		Duin	Inverted				0.75"	Shutdown Required?		Transmitter		Direction Horizontal Supply Discharge	-	
Outside?		Elevation	6 Ft	Drip	Bucket	Model	880	Line In		Pressure In	125	Check Valve?	Yes	Condition	Recommendation	
Route No.		Steam Loss		Months / Year		Conn Type	NPT	Line Out		Pressure Out				Strainer? Yes		
				Frequency		Check		Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In OK	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out		
Tag#	8	Location	Filter Area - Single Deck HX	Application	Туре	MFR	Watson McDanie	1		Superheat?		Insulation?		Piping Steam	Follow Up Date?	12/3/23
0 1 1 2		El .:		Process	Float &		FTF12F		2.5"	Shutdown Required?		Transmitter		Direction Vertical Supply Discharge		
Outside?		Elevation	4 Ft	1100033	Thermostatic	Model	FTE125	Line In		Pressure In	60	Check Valve?	Yes	Condition	Recommendation	
Route No.		Steam Loss		Months / Year		Conn Type	NPT	Line Out		Pressure Out				Strainer? No		
				Frequency		Check		Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In OK	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out		
				T								T				
Tag#	9	Location	Filter Area - CIP HX	Application	Туре	MFR	Amrstrong			Superheat?		Insulation?		Piping Steam	Follow Up Date?	12/3/23
0		Floretion	4.51	Process	Inverted	Na - d - l	12542		).75"	Shutdown Required?		Transmitter		Direction Horizontal Supply Discharge	- Beer was a define	
Outside?		Elevation	4 Ft	Flocess	Bucket	Model	125A3	Line In		Pressure In	60	Check Valve?	No	Condition	Recommendation	
Route No.		Steam Loss		Months / Year		Conn Type	NPT	Line Out		Pressure Out		_		<del></del>		
				Frequency		Check		Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In Not In Service	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out		
			Batching		_	1				0 1 10				5		10/0/00
Tag#	10	Location	Office Ramp	Application	Туре	MFR	Armstrong			Superheat? Shutdown		Insulation?		Piping Steam Supply	Follow Up Date?	12/3/23
Outside?		Elevation	 15 Ft	Drip	Inverted	Model	TVS-811		0.75"	Required?		Transmitter		Direction Horizontal Discharge	Recommendation	
Outsider		Elevation	13 Ft	-	Bucket	Model	110-011	Line In		Pressure In	125	Check Valve?	No	Strainer? Yes Condition	Recommendation	
Route No.		Steam Loss		Months / Year		Conn Type	NPT	Line Out		Pressure Out		Upstream ISO Valve?		<del></del>		
Shoom C		Ammirial		Frequency		Check		Condensate Lift		Conductive			Yes	Valve In OK	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out		
			Line 2 Warrer	Application	Tuno	1		DMO	125	Superheat?		<u> </u>		Piping Steam	Falley II. B. : 2	10/0/00
Tag#	11	Location	Line 3 Warmer - HX Supply	Аррисации	Туре	MFR	Armstrong		123	Shutdown		Insulation?		Supply	Follow Up Date?	12/3/23
Outside?		Elevation	8 Ft	Drip	Inverted	Model	TVS-811		0.75"	Required?		Transmitter		Direction Horizontal Discharge	Recommendation	
		2.0.0000	011	-	Bucket		1 4 2-011	Line In		Pressure In	125	Check Valve?	No	Strainer? Yes Condition	- Accommendation	
Route No.		Steam Loss		Months / Year		Conn Type	NPT	Line Out Condensate		Pressure Out		Upstream ISO Valve?	Yes	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Stoam Cost		Appual Cost		Frequency		Check		Lift		Conductive				Valve In OK	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out		

	10	I	Line 3 Warmer -	Application	Туре		A I	PMO	125	Superheat?		Insulation?		Pipir	ng		Steam	Follow Up Date?	12/3/23
Tag#	12	Location	HX Supply			MFR	Armstrong	Conn Size	0.75"	Shutdown						Suppl	у	- remove op butter	12/3/23
Outside?		Elevation	3 Ft	Drip	Inverted Bucket	Model	TVS-811	Line In		Required?  Pressure In	125	Transmitter		Direction H	lorizont	Discha		Recommendation	
Davita Na		Channel and				Conn	NPT	Line Out		Pressure Out		Check Valve?	No	Strainer?	Yes		Condition	_	
Route No.		Steam Loss		Months / Year		Туре	INPI	Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In			ОК	Comments	
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out				Comments	
				stanted Pate				Loau											
Tag#	13	Location	Line 3 Warmer - HX Condensate Return	Application	Туре	MFR	Armstrong	PMO	125	Superheat?		Insulation?		Pipir	ng		Steam	Follow Up Date?	12/3/23
_			Condensate Return	_	Float &			Conn Size	2"	Shutdown Required?		Transmitter		Direction H	Horizont	al Suppl		_	
Outside?		Elevation	1 Ft	Process	Thermostatic	Model	125A8	Line In		Pressure In	60	Check Valve?	N.a			DISCITA	Condition	— Recommendation	
Route No.		Steam Loss		Months / Year		Conn	NPT	Line Out		Pressure Out		Clieck valve:	No	Strainer?	Yes			_	
				Frequency		Type	1111	Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In			Not In Service	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out			Service		
Tag#	14	Location	Line 3 Warmer - Con- densate Pump	Application	Type	MFR	Spirax Sarco	PMO	125	Superheat?		Insulation?		Pipii	ng	Cuppl	Steam	Follow Up Date?	12/3/23
Outoid a 2		Flouration	3 Ft	Drip	Inverted	Madal	D1II	Conn Size	0.75"	Shutdown Required?		Transmitter		Direction   F	Horizont	Suppl al Discha		- Barrana datian	Replace with
Outside?		Elevation	3 FL	ы	Bucket	Model	B1H	Line In		Pressure In	60	Check Valve?	No	Strainer?	Yes		Condition	Recommendation	Watson McDaniel IB1031-13-N-125
Route No.		Steam Loss		Months / Year		Conn Type	NPT	Line Out Condensate		Pressure Out		Upstream ISO Valve?	Vos		163		Tailed.		
Channa Cant		A		Frequency		Check		Lift		Conductive		Opstream iso valve:	Yes	Valve In			Failed Open	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out			- 1		
			Line 2. Fleek Destermine	Application	Туре			PMO	600	Superheat?				Pipiı	กฐ		Steam	Follow Up Date?	12/2/22
Tag#	15	Location	Line 3 - Flash Pasteurizer - HX Supply Line	присастоп	Турс	MFR	Spirax Sarco	- Conn Size	0.5"	Shutdown		Insulation?			115	Suppl		Follow Up Date?	12/3/23
Outside?		Elevation	2 Ft	Drip	Thermodynamic	Model	TD-52	Line In	0.5	Required?		Transmitter		Direction   F	lorizont	Discha	irge	Recommendation	
						Conn		Line Out		Pressure In Pressure Out	60	Check Valve?	No	Strainer?	No		Condition		
Route No.		Steam Loss		Months / Year		Туре	NPT	Condensate		Conductive		Upstream ISO Valve?	No	Valve In			Not In		
Steam Cost		Annual Cost		Frequency		Check		Lift Condensate		Temp Alarm		Downstream ISO Valve?	No	Valve Out		$\dashv$	Service	Comments	
				Installed Date		Valve?		Load		Temp Atarm		Downsa.com Do Valve.	110	valve out					
Tag#	16	Location	Line 3 - Flash Pasteurizer	Application	Туре	MFR	Spirax Sarco	PMO	75	Superheat?		Insulation?		Pipir	ng		Steam	Follow Up Date?	12/3/23
Tag#	10	Location	- HX Condensate Return		Float 9	MICK	Эрнах загсо	Conn Size	1"	Shutdown Required?				Direction H	Horizont	Suppl			, ,
Outside?		Elevation	1 Ft	Process	Float & Thermostatic	Model	FT175	Line In		Pressure In	60	Transmitter		Direction	101120110	Discha		Recommendation	
Doute No.		Ctoom Loss				Conn	NPT	Line Out		Pressure Out		Check Valve?	No	Strainer?	No		Condition		
Route No.		Steam Loss		Months / Year		Туре	INFI	Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In			Not In	Comments	
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out			Service	Comments	
								Load		· ·									
Tag#	17	Location	Header 3 -	Application	Туре	MFR	Hoffman	РМО	180	Superheat?		Insulation?		Pipii	ng		Steam	Follow Up Date?	12/3/23
_	_ ·		Palletizer Area		Inverted			Conn Size	0.75"	Shutdown Required?		Transmitter		Direction F	lorizont	Suppl al Discha			
Outside?		Elevation	16 Ft	Drip	Bucket	Model	B1180A	Line In		Pressure In	125	Check Valve?	Vos			DISCITA	Condition	Recommendation	
				I				Line Out		Pressure Out		CHECK VAIVE!	Yes	Strainer?	Yes			=	
Route No.		Steam Loss		Months / Voor		Conn	NPT					_		<del>                                     </del>	+ +	—			
Route No.		Steam Loss Annual Cost		Months / Year Frequency		Type Check	NPT	Condensate Lift Condensate Load		Conductive		Upstream ISO Valve?	Yes	Valve In			ОК	Comments	

			Batching 3 - HX	Application	Tuno	1		D140	125	Cuporhoat?					iping		Steam		12/2/22
Tag#	18	Location	Supply Line	Application	Туре	MFR	Armstrong	PMO	125	Superheat?		Insulation?			Tping	Supp		Follow Up Date?	12/3/23
				Duin	Inverted	<u> </u>		Conn Size	0.75"	Shutdown Required?		Transmitter		Direction	Horizor	ntal Disch		_	
Outside?		Elevation	10 Ft	Drip	Bucket	Model	TVS-811	Line In		Pressure In	125					Discii	Condition	Recommendation	
						Conn	NDT	Line Out		Pressure Out		Check Valve?	No	Strainer?	Yes		Condition		
Route No.		Steam Loss		Months / Year		Туре	NPT	Condensate		Conductive		Upstream ISO Valve?	Yes	Valve In					
Steam Cost		Annual Cost		Frequency		Check		Lift Condensate						_			OK	Comments	
Steam Cost		Ailliuat Cost		Installed Date		Valve?		Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out					
					1	1	T			T									
Tag#	19	Location	Batching 3 - HX Supply Line	Application	Туре	MFR	Armstrong	РМО	125	Superheat?		Insulation?		F	Piping		Steam	Follow Up Date?	12/3/23
			Заррту Епте	-	Inverted			Conn Size	0.75"	Shutdown Required?		Transmitter		Direction	Horizor	Supp		_	
Outside?		Elevation	3 Ft	Drip	Bucket	Model	TVS-811	Line In		Pressure In	60					Disch		Recommendation	
					2 0.01.00	Conn		Line Out		Pressure Out		Check Valve?	No	Strainer?	Yes	,	Condition		
Route No.		Steam Loss		Months / Year		Туре	NPT	Condensate				Upstream ISO Valve?	Yes	Valve In					
C. C.				Frequency		Check		Lift		Conductive				Valve III			OK	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out					
Tag#	20	Location	Batching 3 - Condensate Return	Application	Туре	MFR	Armstrong	PMO	125	Superheat?		Insulation?		F	Piping		Steam	Follow Up Date?	12/3/23
			Condensate Return	_	Float &			Conn Size	2"	Shutdown Required?		Transmitter		Direction	Horizor	Supp			
Outside?		Elevation	1 Ft	Process	Thermostatic	Model	125A8	Line In		Pressure In	60	Hansinicei		- Birection	1.01.201	Disch		Recommendation	
				-		Conn		Line Out		Pressure Out		Check Valve?	No	Strainer?	Yes		Condition		
Route No.		Steam Loss		Months / Year		Type	NPT	Condensate				Upstream ISO Valve?	Yes	Valve In			Not in		
				Frequency		Check		Lift		Conductive			103	valve III			Service	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out			00.1.00		
Tag#	21	Location	Batching 3 - Condensate	Application	Type	MFR	Watson McDanie	PMO	125	Superheat?		Insulation?		F	piping		Steam	Follow Up Date?	12/3/23
			Pump Motive Supply	-				Conn Size	0.75"	Shutdown Required?		Transmitter		Direction	Horizor	Supp			
Outside?		Elevation	3 Ft	Drip	Float & Thermostatic	Model	WFT125	Line In			125	Transmitter		Direction	11011201	Disch	<u> </u>	Recommendation	
				-	Thermostatic	C		Line Out		Pressure In	125	Check Valve?	No	Strainer?	Yes		Condition		
Route No.		Steam Loss		Months / Year	•	Conn Type	NPT	Condensate		Pressure Out		Upstream ISO Valve?	Yes	Value le					
				Frequency		Check		Lift		Conductive		opstream 130 valve.	163	Valve In			OK	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out					
'																			
Tag#	22	Location	Tank Side 3 - CIP	Application	Туре	MFR	Spirax Sarco	PMO	600	Superheat?		Insulation?		F	iping		Steam	Follow Up Date?	12/3/23
			Room 1 - HX	_			ор полоси	Conn Size	0.5"	Shutdown				Direction	Horizon	Supp	oly		
Outside?		Elevation	3 Ft	Drip	Thermodynamic	Model	TD-52	Line In		Required?	60	Transmitter		Direction	Horizor	Disch	arge	Recommendation	
				-		C -		Line Out		Pressure In	60	Check Valve?	No	Strainer?	No		Condition		
Route No.		Steam Loss		Months / Year		Conn Type	NPT			Pressure Out		Upstream ISO Valve?	Ma			+			
				Frequency		Check		Condensate Lift		Conductive		Opacieani iso valve!	No	Valve In			OK	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out					
Tag#	23	Location	Tank Side 3 - CIP	Application	Туре	MFR	Spirax Sarco	PMO	125	Superheat?		Insulation?		F	iping		Steam	Follow Up Date?	12/3/23
. 46 "	23	Location	Room 1 - HX			···· · · ·	Spirax Saico	Conn Size	2"	Shutdown		<u> </u>		D:	I law!	Supp			
Outside?		Elevation	3 Ft	Process	Float &	Model	FTB125	Line In		Required?		Transmitter		Direction	Horizor	Disch	arge	Recommendation	
			<u> </u>	-	Thermostatic			_		Pressure In	60	Check Valve?	No	Strainer?	No		Condition		
Route No.		Steam Loss		Months / Year	1	Conn Type	NPT	Line Out		Pressure Out						$\vdash$			
				Frequency		<del></del>		Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In			Not In	Comments	
Steam Cost		Annual Cost		Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out			Service		
		1		matanea Date		1		LUdu		,									

	2.4		Tank Side 3 - CIP	Application	Туре	1	C: C	PMO	600	Superheat?		Insulation?		Piping	Steam	Follow Up Date?	12/3/23
Tag#	24	Location	Room 1 - HX	-		MFR	Spirax Sarco	Conn Size	0.5"	Shutdown				_	Supply		12/0/20
Outside?		Elevation	3 Ft	Drip	Thermodynamic	Model	TD-52	Line In		Required?  Pressure In	60	Transmitter		Direction Horizor	Discharge	Recommendation	
Route No.		Stoam Loss				Conn	NPT	Line Out		Pressure Out		Check Valve?	No	Strainer? No	Condition		
Route No.		Steam Loss		Months / Year		Туре	INFI	Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In	ОК	Comments	
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out		Comments	
								Load									
Tag#	25	Location	Tank Side 3 -	Application	Туре	MFR	Spirax Sarco	PMO	175	Superheat?		Insulation?		Piping	Steam	Follow Up Date?	12/3/23
			CIP Room 2 - HX	-	Float &			Conn Size	2"	Shutdown Required?		Transmitter		Direction Horizor	Supply Discharge		
Outside?		Elevation	3 Ft	Process	Thermostatic	Model	FTB175	Line In		Pressure In	60		NI -		Condition	Recommendation	
Route No.		Steam Loss		Months / Year		Conn	NPT	Line Out		Pressure Out		Check Valve?	No	Strainer? No			
				Frequency		Type		Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In	Not In	Comments	
Steam Cost		Annual Cost		Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out	Service		
Tag#	26	Location	Loading Dock - Southwest Corner	Application	Туре	MFR	Hoffman	PMO	180	Superheat?		Insulation?		Piping	Steam	Follow Up Date?	12/3/23
				- Diri	Inverted			Conn Size	0.75"	Shutdown Required?		Transmitter		Direction Horizor	Supply Discharge	_	
Outside?		Elevation	12 Ft	Drip	Bucket	Model	B1180A	Line In		Pressure In	125	Check Valve?	Yes		Condition	Recommendation	
Route No.		Steam Loss		Months / Year		Conn	NPT	Line Out		Pressure Out		Clieck valves		Strainer? Yes			
				Frequency		Type		Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In	ОК	Comments	
Steam Cost		Annual Cost		Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out			
		1															1
Tag#	27	Location	MAB Room - CT Supply	Application	Туре	MFR	Armstrong	PMO	125	Superheat?		Insulation?		Piping	Steam	Follow Up Date?	12/3/23
		_, .		Duin	Inverted			Conn Size	0.75"	Shutdown Required?		Transmitter		Direction Horizor	Supply Discharge	-	
Outside?		Elevation	1 Ft	Drip	Bucket	Model	811	Line In		Pressure In	125	Check Valve?	No		Condition	Recommendation	
Route No.		Steam Loss		Months / Year		Conn Type	NPT	Line Out		Pressure Out				Strainer? Yes			
				Frequency		Check		Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In	ОК	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out			
						1											T
Tag#	28	Location	MAB Room - CT Return	Application	Туре	MFR	Spirax Sarco		15	Superheat?		Insulation?		Piping	Steam Supply	Follow Up Date?	12/3/23
Outside?		Floration	1 Ft	Process	Float &	Model	FT15	Conn Size	1.5"	Shutdown Required?		Transmitter		Direction Horizor	ntal Discharge	- December of detical	
Outside?		Elevation	1 FL	1100033	Thermostatic	Model	F112	Line In		Pressure In	10	Check Valve?	No	Strainer? Yes	Condition	Recommendation	
Route No.		Steam Loss		Months / Year	l	Conn Type	NPT	Line Out		Pressure Out					<del>                                     </del>		
<u> </u>				Frequency		Check		Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In	Not in Service	Comments	Discharging to Atmosphere
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out			, tamospilere
				Appliesting	T					Cuparbast2				District	Charm	T	10/0/55
Tag#	29	Location	MAB Room - Skid Panel 1600	Application	Туре	MFR	Spirax Sarco		125	Superheat? Shutdown		Insulation?		Piping	Steam Supply	Follow Up Date?	12/3/23
Outside?		Elevation	7 Ft	Drip	Inverted	Model	811		0.75"	Required?		Transmitter		Direction Horizor	Discharge	Recommendation	
J. 10100.			110		Bucket		011	Line In		Pressure In	125	Check Valve?	Yes	Strainer? Yes	Condition	Accommendation	
Route No.		Steam Loss		Months / Year		Conn Type	NPT	Line Out Condensate		Pressure Out		Upstream ISO Valve?	Yes	7			
Stoom Coot		Annual Cast		Frequency		Check		Lift		Conductive		_		Valve In	ОК	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out			

Tag#	30	Location	MAB Room - Skid	Application	Туре	MFR	Watson McDanie	РМО	145	Superheat?		Insulation?		Piping	Steam	Follow Up Date?	12/3/23
145 "		Location	Panel 1600	_	Float &				1.5"	Shutdown Required?		Transmitter		Direction Horizontal Supply	70		
Outside?		Elevation	6 Ft	Process	Thermostatic	Model	FTT-145	Line In		Pressure In	125	Check Valve?	Yes	Discriar	Condition	Recommendation	
Route No.		Steam Loss		Months / Year		Conn	150# RF	Line Out		Pressure Out		Crieck valves	165	Strainer? Yes			
				Frequency		Type Check		Condensate Lift		Conductive		Upstream ISO Valve?	No		Not In Service	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out	Service		
			MAD Da ana Child	Application	Tuno			5110		Superheat?				Dining	Steam		12/2/22
Tag#	31	Location	MAB Room - Skid Panel 1800	Application	Туре	MFR	Spirax Sarco		125	Superheat? Shutdown		Insulation?		Piping Supply	Steam	Follow Up Date?	12/3/23
Outside?		Elevation	7 Ft	Drip	Inverted	Model	811		0.75"	Required?		Transmitter		Direction Horizontal Dischar	ge	Recommendation	
			710		Bucket		011	Line In		Pressure In	125	Check Valve?	Yes	Strainer? Yes	Condition	Recommendation	
Route No.		Steam Loss		Months / Year		- Conn Type	NPT	Line Out Condensate		Pressure Out		Upstream ISO Valve?	Yes	Valve In			
Steam Cost		Annual Cost		Frequency		Check		Lift Condensate		Conductive		<u> </u>		<del>                                     </del>	OK	Comments	
Steam cost		Aimat Cost		Installed Date		Valve?		Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out			
	22		MAB Room -	Application	Туре	Luss	Mataon MaDania	PMO	145	Superheat?		Insulation?		Piping	Steam	Follow Up Date?	12/3/23
Tag#	32	Location	Skid Panel 1800	-		MFR	Watson McDanie	\	1.5"	Shutdown				Supply			
Outside?		Elevation	1 Ft	Process	Float & Thermostatic	Model	FTT-145	Line In		Required?  Pressure In	125	Transmitter		Direction Horizontal Dischar		Recommendation	
				-	THEITHOSEGUE	Conn	450".	Line Out		Pressure Out	123	Check Valve?	Yes	Strainer? Yes	Condition		
Route No.		Steam Loss		Months / Year		Туре	150# RF	Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In	Not in		
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out	Service	Comments	
				Ilistatieu Date		valve.		Load									
Tag#	33	Location	MAD Room -	Application	Туре	MFR	Velan	РМО	250	Superheat?		Insulation?		Piping	Steam	Follow Up Date?	12/3/23
			Skid Panel 2400	-				Conn Size (	0.75"	Shutdown Required?		Transmitter		Direction Horizontal Diseases			
Outside?		Elevation	8 Ft	Drip	Bimetallic	Model	Q250	Line In		Pressure In	125			Dischar	ge   Condition	Recommendation	
Route No.		Steam Loss		Months / Year		Conn	NPT	Line Out		Pressure Out		Check Valve?	No	Strainer? No			
				Frequency		Type		Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In	OK	Comments	
Steam Cost		Annual Cost		Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out			
Tag#	34	Location	MAB Room - SKid Panel 2400	Application	Туре	MFR	Velan		125	Superheat?		Insulation?		Piping	Steam	Follow Up Date?	12/3/23
Outside?		Flavotian	7 Ft	Process	Bimetallic	Madal	MFT - 1	Conn Size	1"	Shutdown Required?		Transmitter		Direction Horizontal Discharge	ge	- December of detical	
Outside?		Elevation	/ FL	1100033	Dimetatiic	Model	MFI-T	Line In		Pressure In	125	Check Valve?	Yes		Condition	Recommendation	
Route No.		Steam Loss		Months / Year		Conn Type	NPT	Line Out Condensate		Pressure Out		Upstream ISO Valve?		1	N I		
Characa Cart		A		Frequency		Check		Lift		Conductive		Opstream 130 valve:	Yes	<del>                                     </del>	Not in Service	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out			
			MAB Room -	Application	Туре			PMO	125	Superheat?		Inquilatio - 2		Piping	Steam	Follow Up Date?	12/2/22
Tag#	35	Location	West Wall	присации	1,700	MFR	Armstrong		0.75"	Shutdown		Insulation?		Supply		Tollow op Date:	12/3/23
Outside?		Elevation	4 Ft	Drip	Inverted	Model	880	Line In	0.13	Required?	105	Transmitter		Direction Horizontal Dischar	ge	Recommendation	
					Bucket	Conn		Line Out		Pressure In Pressure Out	125	Check Valve?	No	Strainer? No	Condition		
Route No.		Steam Loss		Months / Year		Type	NPT	Condensate		Conductive		Upstream ISO Valve?	Yes	Valve In	011		
Steam Cost	·	Annual Cost		Frequency		Check		Lift Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out	OK	Comments	
				Installed Date		Valve?		Load		Temp Atafffi		20	163	valve Out			

Tag#	36	Location	MAB Room -	Application	Туре	MFR	Hoffman	РМО	180	Superheat?		Insulation?		Pi	ping	Steam	Follow Up Date?	12/3/23
128.1	30	20000000	CT Noval	_	Inverted			Conn Size	0.75"	Shutdown Required?		Transmitter		Direction	Horizontal	Supply		
Outside?		Elevation	12 Ft	Drip	Bucket	Model	B1180A	Line In		Pressure In	125	-	Ves	-		Discharge Condition	Recommendation	
Route No.		Steam Loss		N 11 (V		Conn	NPT	Line Out		Pressure Out		Check Valve?	Yes	Strainer?	Yes	-		
Noute No.		Steam 2000		Months / Year		Туре		Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In		ок	Comments	
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out		]	Comments	
				mstatted bate		10.1.01		Loau		·								
Tag#	37	Location	MAB Room -	Application	Туре	MFR	Armstrong	РМО	125	Superheat?		Insulation?		Pi	ping	Steam	Follow Up Date?	12/3/23
148 "	31	Location	Steam Header	-			741113613115	Conn Size	0.75"	Shutdown		Tuenemitten		Direction	Horizontal	Supply		Replace with
Outside?		Elevation	10 Ft	Drip	Inverted Bucket	Model	811	Line In		Required?	125	Transmitter		_ Direction	HOHZOHIai	Discharge	Recommendation	Watson McDaniel
				_	Bucket	Conn		Line Out		Pressure In Pressure Out	123	Check Valve?	Yes	Strainer?	Yes	Condition		IB1032-13-N-125
Route No.		Steam Loss		Months / Year		Type	NPT	Condensate		Conductive		Upstream ISO Valve?	Yes	Valve In		Failed		
Steam Cost		Annual Cost		Frequency		Check		Lift Condensate						_		Prime	Comments	
Steam Cost		Aillidat Cost		Installed Date		Valve?		Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out				
			MAB Room -	Application	Typo			DIAC	100	Superheat?				Di	ping	Steam		12/2/22
Tag#	38	Location	Steam Header	Аррисаціон	Туре	MFR	Hoffman	PMO	180	Shutdown		Insulation?			hilig	Supply	Follow Up Date?	12/3/23
0		Elevention.	11 Ft	Drip	Inverted	Na - d - l	D1100A	Conn Size	0.75"	Required?		Transmitter		Direction	Horizontal	Discharge		
Outside?		Elevation	11 FL	J 511p	Bucket	Model	B1180A	Line In		Pressure In	125	Check Valve?	Yes	6	V	Condition	Recommendation	
Route No.		Steam Loss		Months / Year		Conn	NPT	Line Out		Pressure Out		- Circuit valve.		Strainer?	Yes			
				Frequency		Туре		Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In		ок	Comments	
Steam Cost		Annual Cost		Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out				
								2000										
Tag#	39	Location	MAB Room -	Application	Туре	MFR	Hoffman	РМО	180	Superheat?		Insulation?		Pi	ping	Steam	Follow Up Date?	12/3/23
	33	Location	Steam Header	-	I my combod		Tioiiiiaii	Conn Size	0.75"	Shutdown Required?		Transmitter		Direction	Horizontal	Supply		
Outside?		Elevation	11 Ft	Drip	Inverted Bucket	Model	B1180A	Line In		Pressure In	125	Transmitter		- Direction	Horizontat	Discharge	Recommendation	
					Bucket	Conn		Line Out		Pressure Out	123	Check Valve?	Yes	Strainer?	Yes	Condition		
Route No.		Steam Loss		Months / Year		Туре	NPT	Condensate		Conductive		Upstream ISO Valve?	Yes	Valve In				
Steam Cost		Annual Cost		Frequency		Check		Lift Condensate				D 1 150V   2				ОК	Comments	
Steam cost		7 iiii dat cost		Installed Date		Valve?		Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out				
			MAB Room -	Application	Typo			DMO	1.45	Superheat?				Di	ping	Steam	5 II II B 1 2	12/2/22
Tag#	40	Location	Skid Panel 200	Аррисаціон	Туре	MFR	Watson McDaniel	PMO	145	Shutdown		Insulation?			hilig	Supply	Follow Up Date?	12/3/23
0		Elevention.	C Et	Process	Float &	Madal	FTT 1.4F	Conn Size	1.5"	Required?		Transmitter		Direction	Horizontal	Discharge		
Outside?		Elevation	6 Ft	1100033	Thermostatic	Model	FTT-145	Line In		Pressure In	125	Check Valve?	Yes			Condition	Recommendation	
Route No.		Steam Loss		Months / Year	1	Conn	150# RF	Line Out		Pressure Out		S. ICCIN VALVE.		Strainer?	Yes			
				Frequency		Type		Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In		Not In	Comments	
Steam Cost		Annual Cost		Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out		Service	Comments	
				statted bate		1		Luau								1		

Outside?  Route No.  Steam Cost  Tag # 42 Location  Outside?  Route No.  Steam Cost  Annual Co  Tag # 43 Location  Outside?  Route No.  Steam Cost  Annual Co  Tag # 44 Location  Outside?  Tag # 44 Location  Outside?  Flevation  Steam Cost  Annual Co  Tag # 45 Location  Outside?  Tag # 45 Location  Outside?  Elevation	Location Elevation Steam Loss Annual Cost  Location Elevation Steam Loss Annual Cost  Location Elevation Elevation Steam Loss	MAB Room - Skid Panel 400 6 Ft  MAD Room - Skid Panel 400 5 Ft  RO Room - Upstairs - CT Steam Supply 5 Ft	Application  Drip  Months / Year Frequency Installed Date  Application  Process  Months / Year Frequency Installed Date  Application	Type Inverted Bucket  Type Float & Thermostatic	MFR Model Conn Type Check Valve?  MFR Model Conn Type Check	Hoffman B1180A NPT Watson McDaniel FTT-145	PMO Conn Size Line In Line Out Condensate Lift Condensate Load  PMO Conn Size Line In	180 0.75" 145 1.5"	Superheat? Shutdown Required? Pressure In Pressure Out Conductive Temp Alarm  Superheat?	125	Insulation?  Transmitter  Check Valve?  Upstream ISO Valve?  Downstream ISO Valve?	Yes Yes Yes	Direction Strainer? Valve In Valve Out	Horizonta Yes	Condition	Recommendation  Comments	12/3/23
Route No.  Steam Cost  Annual Co  Tag # 42 Location  Outside? Elevation  Route No.  Steam Cost  Annual Co  Tag # 43 Location  Outside? Elevation  Route No.  Steam Cost  Annual Co  Tag # 44 Location  Outside? Elevation  Route No.  Steam Cost  Annual Co  Tag # 44 Location  Outside? Elevation  Route No.  Steam Cost  Annual Co  Tag # 45 Location  Outside? Elevation  Elevation  Route No.  Steam Cost  Annual Co  Tag # 45 Location  Outside? Elevation	Steam Loss Annual Cost  Location Elevation Steam Loss Annual Cost  Location Elevation	MAD Room - Skid Panel 400  5 Ft  RO Room - Upstairs - CT Steam Supply	Months / Year Frequency Installed Date  Application  Process  Months / Year Frequency Installed Date	Type Float &	Conn Type Check Valve? MFR Model	NPT Watson McDaniel	Line In  Line Out  Condensate Lift  Condensate Load  PMO  Conn Size	145	Required? Pressure In Pressure Out Conductive Temp Alarm Superheat?	125	Check Valve?  Upstream ISO Valve?	Yes	Strainer?  Valve In	Yes	Discharge Condition  OK	Comments	
Route No.  Steam Cost  Annual Co  Tag # 42 Location  Outside? Elevation  Route No.  Steam Cost  Annual Co  Tag # 43 Location  Outside? Elevation  Route No.  Steam Cost  Annual Co  Tag # 44 Location  Outside? Elevation  Outside? Elevation  Steam Cost  Annual Co  Tag # 44 Location  Outside? Elevation  Route No.  Steam Cost  Annual Co  Tag # 45 Location  Outside? Elevation  Elevation  Elevation  Route No.  Steam Cost  Annual Co  Elevation	Steam Loss Annual Cost  Location Elevation Steam Loss Annual Cost  Location Elevation	MAD Room - Skid Panel 400 5 Ft RO Room - Upstairs - CT Steam Supply	Months / Year Frequency Installed Date  Application  Process  Months / Year Frequency Installed Date	Type Float &	Conn Type Check Valve? MFR Model	NPT Watson McDaniel	Line Out Condensate Lift Condensate Load  PMO Conn Size		Pressure In Pressure Out Conductive Temp Alarm Superheat?	125	Check Valve?  Upstream ISO Valve?	Yes	Strainer?  Valve In	Yes	Condition	Comments	
Tag # 42 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag # 43 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag # 44 Location  Outside? Elevation  Steam Cost Annual Co  Tag # 45 Location  Outside? Elevation  Elevation  Steam Cost Annual Co  Elevation	Annual Cost  Location  Elevation  Steam Loss  Annual Cost  Location  Elevation	Panel 400  5 Ft  RO Room - Upstairs - CT Steam Supply	Frequency Installed Date  Application  Process  Months / Year Frequency Installed Date	Type Float &	Type Check Valve?  MFR  Model Conn Type	Watson McDaniel	Condensate Lift Condensate Load  PMO Conn Size		Pressure Out Conductive Temp Alarm Superheat?	123	Upstream ISO Valve?	Yes	Valve In		ОК		
Tag # 42 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag # 43 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag # 44 Location  Outside? Elevation  Steam Cost Annual Co  Tag # 45 Location  Outside? Elevation  Elevation  Steam Cost Annual Co  Elevation	Annual Cost  Location  Elevation  Steam Loss  Annual Cost  Location  Elevation	Panel 400  5 Ft  RO Room - Upstairs - CT Steam Supply	Frequency Installed Date  Application  Process  Months / Year Frequency Installed Date	Float &	Type Check Valve?  MFR  Model Conn Type	Watson McDaniel	Condensate Lift Condensate Load  PMO Conn Size		Conductive Temp Alarm Superheat?								
Tag# 42 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag# 43 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag# 44 Location  Outside? Elevation  Steam Loc  Annual Co  Tag# 45 Location  Outside? Elevation  Elevation  Route No. Steam Loc  Steam Cost Annual Co  Elevation	Location Elevation Steam Loss Annual Cost Location Elevation	Panel 400  5 Ft  RO Room - Upstairs - CT Steam Supply	Application  Process  Months / Year Frequency Installed Date	Float &	Check Valve?  MFR  Model  Conn Type		PMO Conn Size		Temp Alarm Superheat?								
Tag# 42 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag# 43 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag# 44 Location  Outside? Elevation  Steam Loc  Annual Co  Tag# 45 Location  Outside? Elevation  Elevation  Route No. Steam Loc  Steam Cost Annual Co  Elevation	Location Elevation Steam Loss Annual Cost Location Elevation	Panel 400  5 Ft  RO Room - Upstairs - CT Steam Supply	Application  Process  Months / Year  Frequency Installed Date	Float &	MFR Model Conn Type		PMO Conn Size		Superheat?		Downstream ISO Valve?	Yes	Valve Out			Fallering Book	
Outside? Elevation  Route No. Steam Lo  Steam Cost Annual Co  Tag # 43 Location  Outside? Elevation  Route No. Steam Lo  Steam Cost Annual Co  Tag # 44 Location  Outside? Elevation  Route No. Steam Lo  Steam Cost Annual Co  Tag # 45 Location  Outside? Elevation  Elevation  Steam Cost Annual Co  Tag # 45 Location  Outside? Elevation  Elevation  Dutside? Elevation	Elevation Steam Loss Annual Cost Location Elevation	Panel 400  5 Ft  RO Room - Upstairs - CT Steam Supply	Process  Months / Year Frequency Installed Date	Float &	Model Conn Type		Conn Size		_							Fallering B : 0	
Outside? Elevation  Route No. Steam Lo  Steam Cost Annual Co  Tag # 43 Location  Outside? Elevation  Route No. Steam Lo  Steam Cost Annual Co  Tag # 44 Location  Outside? Elevation  Steam Lo  Steam Cost Annual Co  Tag # 45 Location  Outside? Elevation  Elevation  Steam Cost Annual Co  Steam Cost Elevation  Elevation  Steam Cost Elevation  Outside? Elevation  Elevation	Elevation Steam Loss Annual Cost Location Elevation	Panel 400  5 Ft  RO Room - Upstairs - CT Steam Supply	Process  Months / Year Frequency Installed Date	Float &	Model Conn Type		Conn Size		_		1					Fallennin Bir S	
Outside? Elevation  Route No. Steam Lo  Steam Cost Annual Co  Tag # 43 Location  Outside? Elevation  Route No. Steam Lo  Steam Cost Annual Co  Tag # 44 Location  Outside? Elevation  Steam Lo  Steam Cost Annual Co  Tag # 45 Location  Outside? Elevation  Elevation  Steam Cost Annual Co  Steam Cost Elevation  Elevation  Steam Cost Elevation  Outside? Elevation  Elevation	Elevation Steam Loss Annual Cost Location Elevation	5 Ft  RO Room - Upstairs - CT Steam Supply	Months / Year Frequency Installed Date		Model Conn Type		Conn Size	1.5"	T		Insulation?		Р	iping	Steam	Follow Up Date?	12/3/23
Route No.  Steam Cost  Annual Co  Tag # 43 Location  Outside? Elevation  Steam Cost  Annual Co  Tag # 44 Location  Outside? Elevation  Route No.  Steam Cost  Annual Co  Tag # 45 Location  Outside? Elevation  Steam Cost  Annual Co  Tag # 45 Location  Outside? Elevation	Steam Loss Annual Cost Location Elevation	RO Room - Upstairs - CT Steam Supply	Months / Year Frequency Installed Date		Conn Type	FTT-145			Shutdown		<b>-</b> ···		Direction	Horizonta	Supply		
Steam Cost  Tag # 43 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag # 44 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag # 45 Location  Outside? Elevation  Elevation  Elevation  Elevation  Elevation  Elevation  Elevation  Elevation  Dutside? Elevation  Elevation	Annual Cost  Location  Elevation	- CT Steam Supply	Frequency Installed Date	Thermostatic	Туре		I I ine in		Required?	105	Transmitter		Direction	Horizonta	Discharge Discharge	Recommendation	
Steam Cost  Tag # 43 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag # 44 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag # 45 Location  Outside? Elevation  Elevation  Dutside? Elevation  Elevation  Elevation  Elevation  Dutside? Elevation	Annual Cost  Location  Elevation	- CT Steam Supply	Frequency Installed Date		Туре		-		Pressure In	125	Check Valve?	Yes	Strainer?	Yes	Condition		
Tag# 43 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag# 44 Location  Outside? Elevation  Steam Loc  Tag# 45 Location  Outside? Elevation	Location  Elevation	- CT Steam Supply	Installed Date		<del></del>	150# RF	Line Out		Pressure Out			NI-		1.00			
Tag# 43 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag# 44 Location  Outside? Elevation  Steam Loc  Tag# 45 Location  Outside? Elevation	Location  Elevation	- CT Steam Supply	Installed Date				Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In		Not In	Comments	
Outside? Elevation  Route No. Steam Lo  Steam Cost Annual C  Tag # 44 Location  Outside? Elevation  Route No. Steam Lo  Steam Cost Annual C  Tag # 45 Location  Outside? Elevation	Elevation	- CT Steam Supply	Application		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out		Service		
Outside? Elevation  Route No. Steam Lo  Steam Cost Annual C  Tag # 44 Location  Outside? Elevation  Route No. Steam Lo  Steam Cost Annual C  Tag # 45 Location  Outside? Elevation	Elevation	- CT Steam Supply	Application				Load										
Outside? Elevation  Route No. Steam Lo  Steam Cost Annual C  Tag # 44 Location  Outside? Elevation  Route No. Steam Lo  Steam Cost Annual C  Tag # 45 Location  Outside? Elevation	Elevation	- CT Steam Supply		Туре	MFR	Armstrong	РМО	125	Superheat?		Insulation?		Р	iping	Steam	Follow Up Date?	12/3/23
Route No.  Steam Cost  Annual Cost  Tag # 44 Location  Outside?  Route No.  Steam Cost  Annual Cost  Tag # 45 Location  Outside?  Elevation  Elevation  Elevation  Elevation  Elevation		5 <b>C</b> +			MFR	Armstrong	Conn Size	1"	Shutdown		- module.				Supply	· ·	
Route No.  Steam Cost  Annual Cost  Tag # 44 Location  Outside?  Route No.  Steam Cost  Annual Cost  Tag # 45 Location  Outside?  Elevation  Elevation  Elevation  Elevation  Elevation			Drip	Inverted	Model	883	<del>                                     </del>		Required?		Transmitter		Direction	Horizonta	Discharge Discharge	Recommendation	
Steam Cost  Tag # 44 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag # 45 Location  Outside? Elevation	Steam Loss	310	r	Bucket	Model	003	Line In		Pressure In	125	Check Valve?	No	Strainer?	No	Condition	Recommendation	
Tag# 44 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag# 45 Location  Outside? Elevation			Months / Year		Conn	NPT	Line Out		Pressure Out				Strainer?	No			
Tag # 44 Location  Outside? Elevation  Route No. Steam Loc  Steam Cost Annual Co  Tag # 45 Location  Outside? Elevation			Frequency		Туре		Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In		Not In	Comments	
Outside? Elevation  Route No. Steam Lo  Steam Cost Annual C  Tag # 45 Location  Outside? Elevation	Annual Cost		Installed Date		Check Valve?		Condensate		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out		Service	Comments	
Outside? Elevation  Route No. Steam Lo  Steam Cost Annual C  Tag # 45 Location  Outside? Elevation			Ilistatied Date		valve:		Load										
Outside? Elevation  Route No. Steam Lo  Steam Cost Annual C  Tag # 45 Location  Outside? Elevation		Batching Room	Application	Туре		_	PMO	125	Superheat?		Insulation?		Р	iping	Steam	Follow Up Date?	12/3/23
Route No.  Steam Location  Tag # 45 Location  Outside? Elevation	Location	1 - Supply Line	F F	31	MFR	Armstrong			Shutdown		insulation:				Supply	Tottow op Bate.	
Route No. Steam Location  Tag # 45 Location  Outside? Elevation	Flouration	6.51	Drip	Inverted	Madal	TVC 011	Conn Size	0.75"	Required?		Transmitter		Direction	Horizonta		- - 	
Steam Cost  Annual C  Tag#  45  Location  Outside?  Elevation	Elevation	6 Ft	ыр	Bucket	Model	TVS-811	Line In		Pressure In	125	- Check Valve?	No	1		Condition	Recommendation	
Tag# 45 Location Outside? Elevation	Steam Loss		M (1 /V		Conn	NPT	Line Out		Pressure Out		Check valve:	INO	Strainer?	Yes			
Tag# 45 Location Outside? Elevation	Gteam 2000		Months / Year		Туре	141 1	Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In		ОК		
Outside? Elevation	Annual Cost		Frequency		Check		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out			Comments	
Outside? Elevation			Installed Date		Valve?		Load		Temp Atarin			165	valve out				
Outside? Elevation		Batching Room	Application	Туре			РМО	600	Superheat?				D	iping	Steam	Follow Up Date?	12/3/23
	Location	1 - Supply Line	Аррисаціон	Туре	MFR	Spirax Sarco			Shutdown		Insulation?		'	iping	Supply	Follow up Date?	
		2.5	Drin	Thormodynamic		LITE 50	Conn Size	0.5"	Required?		Transmitter		Direction	Horizonta	Discharge		
Route No. Steam Lo	Elevation	2 Ft	Drip	Thermodynamic	Model	UTD - 52	Line In		Pressure In	125	Check Valve?	No	<del> </del>		Condition	Recommendation	
	Steam Loss				Conn	NPT	Line Out		Pressure Out		CHECK VAIVE!	INU	Strainer?	Yes			
Thousand The Communication of	Jieani Luss		Months / Year		Туре	141 1	Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In		ОК		
Steam Cost Annual C	Annual Cost		Frequency		Check		Condensate		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out			Comments	
			Installed Date		Valve?		Load		Temp Atarm		bownstream 150 valve.	163	valve Out				
		Patching D	A 11	-					Company 1 12					· • ·			10/0/00
	Location		Application	Type	MFR	Spirax Sarco	PMO		<u> </u>		Insulation?		Р	ping		Follow Up Date?	12/3/23
Tag# 46 Location				Float &			Conn Size	2.5"	Shutdown Required?		Transmitter		Direction	   Horizonta		-	
Tag# 46 Location	Elevation	1 Ft	Pump Trap	Thermostatic	Model	FTB125	Line In		· ·	125	-				Discharge	Recommendation	
					Conn		Line Out		Pressure Out		Check Valve?	Yes	Strainer?	No	Condition		
Outside? Elevation		i .	Months / Year		Туре	NPT	Condensate		Conductive		Upstream ISO Valve?	No			$\dashv$		
Outside? Elevation	Steam Loss		_		<u> </u>		Lift		L COURTECTIVA			1411	IValve in			1	
Outside? Elevation  Route No. Steam Lo	Steam Loss Annual Cost		Frequency		Check		Condensate		Temp Alarm		Downstream ISO Valve?	Yes	Valve In Valve Out		ОК	Comments	
		Batching Room 1 - Supply Line 1 Ft	Application Pump Trap	Float & Thermostatic	Model	FTB125	Line In	125 2.5"	Pressure In	125		Yes	Direction	Horizonta	Steam Supply Discharge Condition	Follow Up Date?  Recommendation	12/3

	47		RO Cellar -	Application	Туре	Luca	Hoffman	PMO 180	Superheat?		Insulation?		Piping Steam	Follow Up Date?	12/3/23
Tag #	47	Location	Southeast Corner	. ,		MFR	нопппап	Conn Size 0.75"	Shutdown		1		Supply		
Outside?		Elevation	2 Ft	Drip	Inverted Bucket	Model	B1180A	Line In	Required?	125	Transmitter		Direction Horizontal Discharge	Recommendation	
					Backet	Conn	NDT	Line Out	Pressure In Pressure Out	123	Check Valve?	Yes	Strainer? Yes Condition		
Route No.		Steam Loss		Months / Year		Туре	NPT	Condensate Lift	Conductive		Upstream ISO Valve?	Yes	Valve In OK		
Steam Cost		Annual Cost		Frequency		Check Valve?		Condensate	Temp Alarm		Downstream ISO Valve?	Yes	Valve Out	Comments	
				Installed Date		valves		Load	remp/ttaliii				valve dat		
Tag#	48	Location	Brewhouse	Application	Туре	MFR	Armstrong	PMO 125	Superheat?		Insulation?		Piping Steam	Follow Up Date?	12/3/23
		Location	CIP#1	-	l'ou combo d		711113610116	Conn Size 0.75"	Shutdown Required?		Transmitter		Direction Horizontal Discharge		
Outside?		Elevation	4 Ft	Drip	Inverted Bucket	Model	880	Line In	Pressure In	125			Discharge   Condition	Recommendation	
Pouto No		Stoam Loss				Conn	NDT	Line Out	Pressure Out		Check Valve?	No	Strainer? Yes Condition	4	
Route No.		Steam Loss		Months / Year		Туре	NPT	Condensate Lift	Conductive		Upstream ISO Valve?	Yes	Valve In OK	Comments	
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate Load	Temp Alarm		Downstream ISO Valve?	No	Valve Out	Comments	
				Installed Date		valve.		Load	- F						
Tag#	49	Location	Brewhouse	Application	Туре	MFR	Spirax Sarco	PMO 125	Superheat?		Insulation?		Piping Steam	Follow Up Date?	12/3/23
		2000000	CIP#1	-	Float &		- Cp. ax cares	Conn Size 1.5"	Shutdown Required?		Transmitter		Direction Horizontal Discharge		
Outside?		Elevation	2 Ft	Process	Thermostatic	Model	FT125	Line In	Pressure In	125	Transmitter		Discharge Condition	Recommendation	
Route No.		Steam Loss				Conn	NPT	Line Out	Pressure Out		Check Valve?	Yes	Strainer? No Condition	4	
Route No.		Steam Loss		Months / Year		Туре	INFI	Condensate Lift	Conductive		Upstream ISO Valve?	No	Valve In OK	Comments	
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate Load	Temp Alarm		Downstream ISO Valve?	No	Valve Out	Comments	
				motanea Date				Load							
Tag#	50	Location	Brewhouse Hot	Application	Туре	MFR	Spirax Sarco	PMO 75	Superheat?		Insulation?		Piping Steam	Follow Up Date?	12/3/23
			Water Tank HX	-	Float &		'	Conn Size 1"	Shutdown Required?		Transmitter		Direction Horizontal		
Outside?		Elevation	3 Ft	Process	Thermostatic	Model	FT75	Line In	Pressure In	60		.,	Discridige	Recommendation	
Route No.		Steam Loss		Maratha (Wasa		Conn	NPT	Line Out	Pressure Out		Check Valve?	Yes	Strainer? No		
				Months / Year Frequency		Туре		Condensate Lift	Conductive		Upstream ISO Valve?	No	Valve In Not In Service	Comments	
Steam Cost		Annual Cost		Installed Date		Check		Condonesto			7			00	
						Valve?		Condensate Load	Temp Alarm		Downstream ISO Valve?	No	Valve Out Service		
Tag#						valver		Load	'		Downstream ISO Valve?	No			
	51	Location	Brewhouse	Application	Туре	MFR	Velan	PMO 125	Superheat?		Downstream ISO Valve?  Insulation?	No	Valve Out Piping Steam	Follow Up Date?	12/3/23
	51		Mashtun	-		MFR		Load	'			No	Piping Steam Supply		12/3/23
Outside?	51	Location Elevation		Application Process	Type Bimetallic		Velan MFT-2	PMO 125	Superheat? Shutdown	50	Insulation?  Transmitter		Piping Steam  Direction Horizontal Discharge Condition	Follow Up Date?  Recommendation	12/3/23
Outside?  Route No.	51		Mashtun	Process		MFR Model Conn		PMO 125 Conn Size 1.5" Line In Line Out	Superheat? Shutdown Required?	50	Insulation?  Transmitter  Check Valve?	Yes	Piping Steam  Direction Horizontal Supply Discharge Condition		12/3/23
	51	Elevation	Mashtun	Process  Months / Year		MFR  Model  Conn Type	MFT-2	PMO 125 Conn Size 1.5" Line In	Superheat? Shutdown Required? Pressure In	50	Insulation?  Transmitter	Yes	Piping Steam  Direction Horizontal Discharge Condition  Valve In No Not In		12/3/23
	51	Elevation	Mashtun	Process		MFR Model Conn	MFT-2	PMO 125 Conn Size 1.5" Line In Line Out	Superheat? Shutdown Required? Pressure In Pressure Out	50	Insulation?  Transmitter  Check Valve?	Yes No	Piping Steam  Direction Horizontal Supply Discharge Condition	Recommendation	12/3/23
Route No.	51	Elevation Steam Loss	Mashtun 8 Ft	Process  Months / Year  Frequency Installed Date	Bimetallic	MFR  Model  Conn Type  Check	MFT-2	PMO 125 Conn Size 1.5" Line In Line Out Condensate Lift	Superheat? Shutdown Required? Pressure In Pressure Out Conductive Temp Alarm	50	Insulation?  Transmitter  Check Valve?  Upstream ISO Valve?	Yes No	Piping Steam Direction Horizontal Discharge Condition  Strainer? No Valve In Not In Service	Recommendation	
Route No.	51	Elevation Steam Loss	Mashtun 8 Ft Brewhouse	Process  Months / Year Frequency		MFR  Model  Conn Type  Check	MFT-2	PMO 125 Conn Size 1.5" Line In Line Out Condensate Lift Condensate Load  PMO 125	Superheat?  Shutdown Required?  Pressure In Pressure Out Conductive Temp Alarm  Superheat?	50	Insulation?  Transmitter  Check Valve?  Upstream ISO Valve?	Yes No	Piping Steam  Direction Horizontal Supply Discharge  Strainer? No  Valve In Not In Service  Piping Steam	Recommendation	12/3/23
Route No. Steam Cost Tag #		Elevation Steam Loss Annual Cost Location	Mashtun 8 Ft Brewhouse Mashtun	Process  Months / Year  Frequency Installed Date  Application	Bimetallic	MFR  Model  Conn Type Check Valve?	MFT-2 NPT Velan	PMO 125 Conn Size 1.5" Line In Line Out Condensate Lift Condensate Load  PMO 125 Conn Size 1.5"	Superheat? Shutdown Required? Pressure In Pressure Out Conductive Temp Alarm	50	Insulation?  Transmitter  Check Valve?  Upstream ISO Valve?  Downstream ISO Valve?	Yes No No	Piping Steam  Direction Horizontal Supply Discharge  Strainer? No  Valve In Not In Service  Piping Steam  Supply Discharge Supply Discharge Supply Discharge Supply Discharge Supply Steam	Recommendation  Comments  Follow Up Date?	
Route No. Steam Cost		Elevation Steam Loss Annual Cost	Mashtun 8 Ft Brewhouse	Process  Months / Year  Frequency Installed Date	Bimetallic	MFR Model Conn Type Check Valve?	MFT-2 NPT	PMO 125 Conn Size 1.5" Line In Line Out Condensate Lift Condensate Load  PMO 125	Superheat? Shutdown Required? Pressure In Pressure Out Conductive Temp Alarm  Superheat? Shutdown	50	Insulation?  Transmitter  Check Valve?  Upstream ISO Valve?  Downstream ISO Valve?  Insulation?  Transmitter	Yes No No	Piping Steam  Direction Horizontal Supply Discharge  Strainer? No  Valve In Not In Service  Piping Steam  Direction Horizontal Direction Horizontal Condition  Steam  Supply Discharge Condition	Recommendation	
Route No. Steam Cost Tag #		Elevation Steam Loss Annual Cost Location	Mashtun 8 Ft Brewhouse Mashtun	Process  Months / Year Frequency Installed Date  Application  Process	Bimetallic	MFR Model Conn Type Check Valve?  MFR Model Conn	MFT-2 NPT Velan	PMO 125 Conn Size 1.5" Line In Line Out Condensate Lift Condensate Load  PMO 125 Conn Size 1.5" Line In	Superheat? Shutdown Required? Pressure In Pressure Out Conductive Temp Alarm  Superheat? Shutdown Required?		Insulation?  Transmitter  Check Valve?  Upstream ISO Valve?  Downstream ISO Valve?  Insulation?  Transmitter  Check Valve?	Yes No No	Piping Steam  Direction Horizontal Discharge Condition  Strainer? No Valve In Not In Service  Piping Steam  Direction Horizontal Discharge Condition  Strainer? No Condition  Piping Steam  Supply Discharge Condition  Strainer? No Condition	Recommendation  Comments  Follow Up Date?	
Route No.  Steam Cost  Tag #  Outside?		Elevation Steam Loss Annual Cost Location Elevation	Mashtun 8 Ft Brewhouse Mashtun	Process  Months / Year  Frequency Installed Date  Application	Bimetallic	MFR  Model  Conn Type Check Valve?  MFR  Model	MFT-2  NPT  Velan  MFT-2	PMO 125 Conn Size 1.5" Line In Line Out Condensate Lift Condensate Load  PMO 125 Conn Size 1.5" Line In	Superheat? Shutdown Required? Pressure In Pressure Out Conductive Temp Alarm  Superheat? Shutdown Required? Pressure In		Insulation?  Transmitter  Check Valve?  Upstream ISO Valve?  Downstream ISO Valve?  Insulation?  Transmitter	Yes No No	Piping Steam  Direction Horizontal Supply Discharge  Strainer? No  Valve In Not In Service  Piping Steam  Direction Horizontal Direction Horizontal Condition  Steam  Supply Discharge Condition	Recommendation  Comments  Follow Up Date?	

						1											
Tag#	53	Location	Brewhouse Mashtun	Application	Туре	MFR	Velan	РМО	250	Superheat?		Insulation?		Piping	Steam	Follow Up Date?	12/3/23
								Conn Size	0.75"	Shutdown Required?		Transmitter		Direction Horizon	Supply	_	
Outside?		Elevation	1 Ft	Drip	Bimetallic	Model	Q250	Line In		Pressure In	50		.,		Discharge Condition	Recommendation	
Doute No.		Stoom Loss		1		Conn	NPT	Line Out		Pressure Out		Check Valve?	Yes	Strainer? Yes	Condition		
Route No.		Steam Loss		Months / Year		Туре	INI	Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In	ОК		
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate		Temp Alarm		Downstream ISO Valve?	No	Valve Out		Comments	
				Ilistatied Date		valve:		Load		16111971161111							
Tag#	54	Location	Brewhouse	Application	Туре	MFR	Velan	PMO	125	Superheat?		Insulation?		Piping	Steam	Follow Up Date?	12/3/23
lag π		Location	Wart Kettle	_			vetaii	Conn Size	1.5"	Shutdown				Divertion Herizon	Supply		, -, -
Outside?		Elevation	6 Ft	Process	Bimetallic	Model	MFT-3	Line In		Required?	FO	Transmitter		Direction Horizon	Discharge	Recommendation	
						Conn		Line Out		Pressure In Pressure Out	50	Check Valve?	No	Strainer? No	Condition		
Route No.		Steam Loss		Months / Year		Туре	NPT	Condensate		Conductive		Upstream ISO Valve?	No	Valve In	Not In		
Steam Cost		Annual Cost		Frequency		Check						- I I I I I I I I I I I I I I I I I I I			Service	Comments	
Steam cost		7 miliaat cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out			
			Brewhouse	Application	Туре			PMO	600	Superheat?		In solution 2		Piping	Steam	Follow Up Data?	12/3/23
Tag#	55	Location	Keg Filler	Application	Турс	MFR	Spirax Sarco		0.5"	Shutdown		Insulation?			Supply	Follow Up Date?	12/3/23
Outside?		Elevation	1 Ft	Drip	Thermodynamic	Model	TD-52	Conn Size	0.5	Required?		Transmitter		Direction Horizon	Discharge Discharge	Recommendation	
Outside:		Lievation	110	-		Model	10-32	Line In		Pressure In	50	Check Valve?	Yes	Strainer? Yes	Condition	Recommendation	
Route No.		Steam Loss		Months / Year		Conn Type	NPT	Line Out		Pressure Out							
				Frequency		Check		Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In	ОК	Comments	
Steam Cost		Annual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out			
							I					1					1
Tag#	56	Location	Brewhouse CIP #1 - Chemical Room	Application	Туре	MFR	Spirax Sarco	РМО	150	Superheat?		Insulation?		Piping	Steam	Follow Up Date?	12/3/23
_					Float &			Conn Size	1.5"	Shutdown Required?		Transmitter		Direction Horizon	Supply Discharge		
Outside?		Elevation	3 Ft	Process	Thermostatic	Model	FT14-10	Line In		Pressure In	50	Check Valve?	No		Condition	Recommendation	
Route No.		Steam Loss		Months / Year		Conn	NPT	Line Out		Pressure Out		Clieck valve:	No	Strainer? No			
				Frequency		Туре		Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In	Not In	Comments	
Steam Cost		Annual Cost		Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out	Service	Comments	
								2000									
Tag#	57	Location	Brewhouse CIP #2	Application	Туре	MFR	Spirax Sarco	РМО	150	Superheat?		Insulation?		Piping	Steam	Follow Up Date?	12/3/23
			- Chemical Room	_	Float &			Conn Size	1.5"	Shutdown Required?		Transmitter		Direction Horizon	Supply		
Outside?		Elevation	3 Ft	Process	Thermostatic	Model	FT14-10	Line In		Pressure In	50	- Hansimittei			Discharge	Recommendation	
D		6		-		Conn	NPT	Line Out		Pressure Out		Check Valve?	No	Strainer? No	Condition		
Route No.		Steam Loss		Months / Year		Туре	NPI	Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In	Not In		
Steam Cost		Annual Cost		Frequency		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out	Service	Comments	
				Installed Date		valve!		Load		7 cmp / ttarini				13.00			
			Duniul	Application	Туре		A was a true in	РМО	200	Superheat?		Insulation?		Piping	Steam	Follow Up Date?	12/3/23
Tag#	58	Location	Brewhouse			MFR	Armstrong	Conn Size	0.75"	Shutdown				_	Supply		12,0,20
Outside?		Elevation	4 Ft	Drip	Inverted	Model	880	Line In		Required?	F^	Transmitter		Direction Horizon	Discharge Discharge	Recommendation	
				-	Bucket			Line Out		Pressure Out	50	Check Valve?	No	Strainer? No	Condition		
Route No.		Steam Loss		Months / Year	·	Conn Type	NPT	Condensate		Pressure Out		Upstream ISO Valve?	No	Valve In			Group trapping. 2
Steam Cost		Annual Cost		Frequency		Check		Lift		Conductive		_			OK	Comments	steam traps on same line. Only need one
Steam Cost		Allitual Cost		Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out			steam trap.

T#	EO	I t'	Tank Farm Eco	Application	Туре	MFR	Spirax Sarco	PMO	_	Superheat?		Insulation?		Piping Steam	Follow Up Date?	12/3/23
Tag#	59	Location	Flash			WIFK	Эрнах загсо	Conn Size	1"	Shutdown				Supply Supply		, ,
Outside?		Elevation	3 Ft	Drip	Bimetallic	Model	BPC32CU	Line In		Required?  Pressure In	50	Transmitter		Direction Horizontal Discharge Condition	Recommendation	
Davita Na		Channel and				Conn	150# RF	Line Out		Pressure Out		Check Valve?	Yes	Strainer? No Condition		
Route No.		Steam Loss		Months / Year		Туре	130# KI	Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In OK	Comments	
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out	Comments	
				mstatted bate		1		Load								
Tag#	60	Location	Tank Farm Eco	Application	Туре	MFR	Spirax Sarco	РМО	-	Superheat?		Insulation?		Piping Steam	Follow Up Date?	12/3/23
-			Flash					Conn Size	1"	Shutdown Required?		Transmitter		Direction Horizontal		
Outside?		Elevation	2 Ft	Process	Bimetallic	Model	BPC32CU	Line In		Pressure In	50			Condition	Recommendation	
Route No.		Steam Loss				Conn	150# RF	Line Out		Pressure Out		Check Valve?	Yes	Strainer? No	_	
Noute No.		Steam Loss		Months / Year		Туре	130# KI	Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In OK	Comments	
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out	Comments	
				mstatted bate		1		Load								
Tag#	61	Location	Tank Farm	Application	Туре	MFR	Yarway	РМО	650	Superheat?		Insulation?		Piping Steam	Follow Up Date?	12/3/23
- 0			Under Stairs				,	Conn Size	0.75"	Shutdown Required?		Transmitter		Direction Horizontal Discharge		
Outside?		Elevation	15 Ft	Drip	Thermodynamic	Model	721	Line In		Pressure In	50			Discharge Condition	Recommendation	
Route No.		Steam Loss				Conn	NPT	Line Out		Pressure Out		Check Valve?	No	Strainer? Yes Condition		
Noute No.		Steam Loss		Months / Year		Туре	INI	Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In Not In	Comments	
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out Service	Comments	
				motanea Date		1		Load		<u> </u>						
Tag#	62	Location	Tank Farm Yeast	Application	Туре	MFR	Velan	РМО	250	Superheat?		Insulation?		Piping Steam	Follow Up Date?	12/3/23
			Hydrator	-				Conn Size	0.75"	Shutdown Required?		Transmitter		Direction Horizontal		
Outside?		Elevation	6 Ft	Drip	Bimetallic	Model	Q250	Line In		Pressure In	50			Discharge Condition	Recommendation	
Route No.		Steam Loss				Conn	NPT	Line Out		Pressure Out		Check Valve?	Yes	Strainer? No	_	
noute no.		Steam 2000		Months / Year Frequency		Туре	INI	Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In OK	Comments	
Steam Cost		Annual Cost		Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out	Comments	
								Loud								
Tag#	63	Location	Tank Farm Yeast Hydrator	Application	Туре	MFR	Velan	РМО	125	Superheat?		Insulation?		Piping Steam	Follow Up Date?	12/3/23
								- Conn Size	1"	Shutdown Required?		Transmitter		Direction Horizontal		
Outside?		Elevation	4 Ft	Process	Bimetallic	Model	MFT-2	Line In		Pressure In	50			Condition	Recommendation	
Route No.		Steam Loss				Conn	NPT	Line Out		Pressure Out		Check Valve?	Yes	Strainer? No	_	
Noute No.		Steam Loss		Months / Year		Туре	141 1	Condensate Lift		Conductive		Upstream ISO Valve?	No	Valve In Not In	Comments	
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	No	Valve Out Service	Comments	
		I	l													I
Tag#	64	Location	Tank Farm - North	Application	Туре	MFR	Velan	РМО	250	Superheat?		Insulation?		Piping Steam	Follow Up Date?	12/3/23
· <b>U</b>			Wall by Eye Wash					Conn Size	0.75"	Shutdown Required?		Transmitter		Direction Horizontal Discharge		
Outside?		Elevation	7 Ft	Drip	Bimetallic	Model	Q250	Line In		Pressure In	50			Condition	Recommendation	
Pouto No		Stoam Loss				Conn	NPT	Line Out		Pressure Out		Check Valve?	Yes	Strainer? Yes Condition		
Route No.		Steam Loss		Months / Year		Туре	INFI	Condensate Lift		Conductive		Upstream ISO Valve?	Yes	Valve In OK	Comments	
Steam Cost		Annual Cost		Frequency Installed Date		Check Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out	Comments	
				וווסנמנופט שמנפ		valve:		road								

Tag#	65	Location	Tank Farm - North	Application Type		MFR	Armstrong	PMO 125		Superheat?		Insulation?		Piping		Steam		Follow Up Date?	12/3/23
			Wall Above Eye Wash	-	luci i a uta al			Conn Size	0.75"	Shutdown		Tonanaittan		Direction	Horizontal	Supply			
Outside?		Elevation	20 Ft	Drip	Drip Inverted Bucket	Model	TVS-811	Line In		Required?		Transmitter		Direction	ПОПДОПІСАІ	Discharge		Recommendation	
								Line iii		Pressure In 12	125	Check Valve?	Yes		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Cor	ndition		
Route No.		Steam Loss				Conn Type	NPT	Line Out		Pressure Out	Oneck valve.		Strainer?	Yes					
Noute No.				Months / Year			INI	Condensate	ondensate	Conductive	Upstream ISO Valve? Yes	Yes	Valve In					To accord to allow two a	
Steam Cost		Annual Cost		Frequency		Check		Lift		Conductive		_				ОК	OK	Comments	Tagged below trap with tag #64
				Installed Date		Valve?		Condensate Load		Temp Alarm		Downstream ISO Valve?	Yes	Valve Out					with tag #04