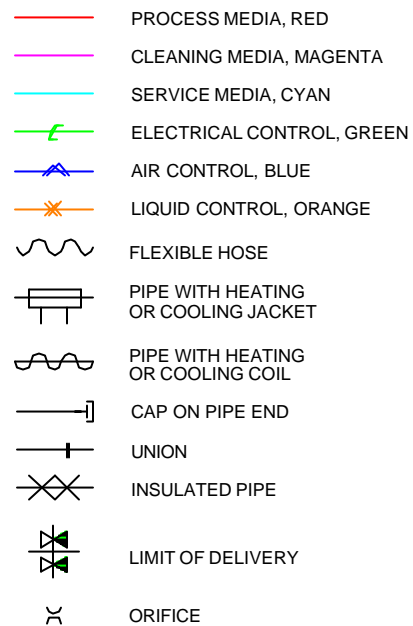


# FLOW DIAGRAM SYMBOLS

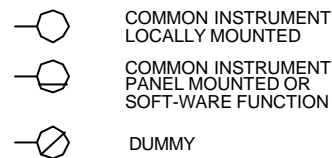
## PIPING SYMBOLS



## DENOMINATION

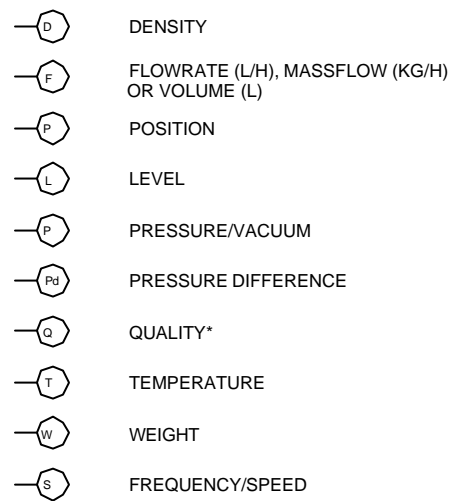
A	AIR
IA	INSTRUMENT AIR
SA	SANITARY AIR
C	CONDENSATE
D	DRAIN
S	STEAM
W	WATER
CW	COOLING WATER
HW	HOT WATER
IW	ICE WATER
SW	SOFTENED WATER
TW	TOWER WATER
GW	GLYCOL WATER
G	GAS
--R	RETURN
--C	CIRCULATION
CIP PR	CLEANING PRESSURE LINE
CIP R	CLEANING RETURN LINE

## INSTRUMENTS



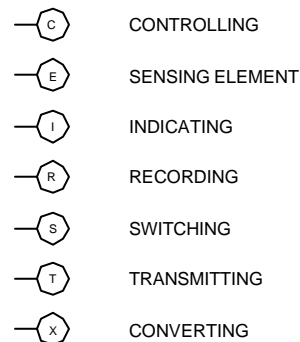
FIRST LETTER

Measured or initiation variable



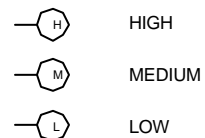
## SECOND LETTER

### Display of output function

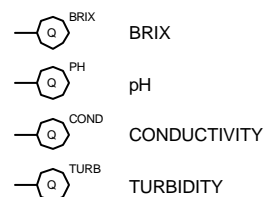


THIRD LETTER

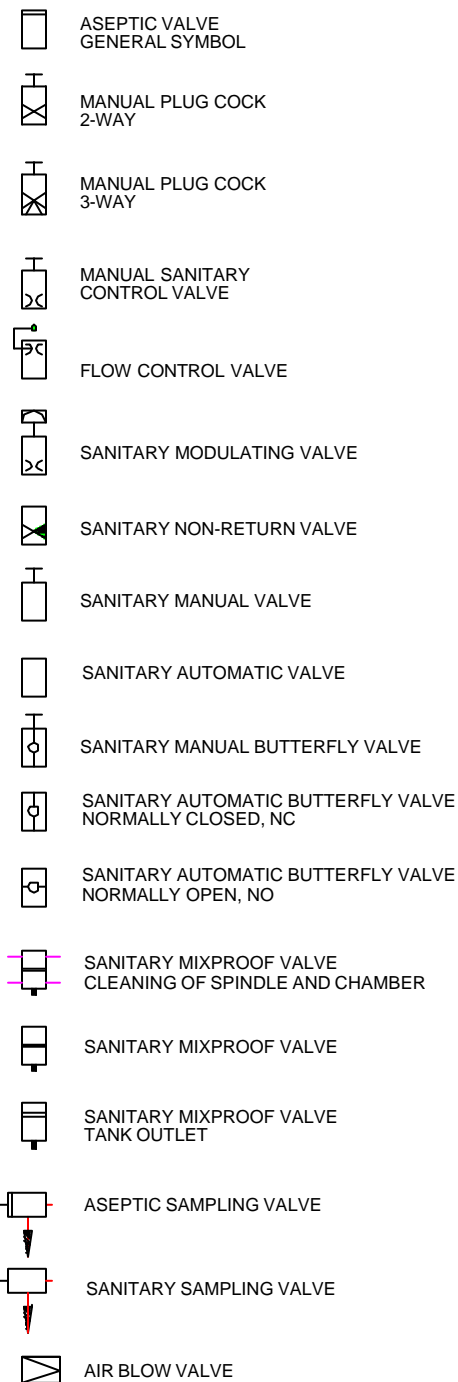
Qualifying letter



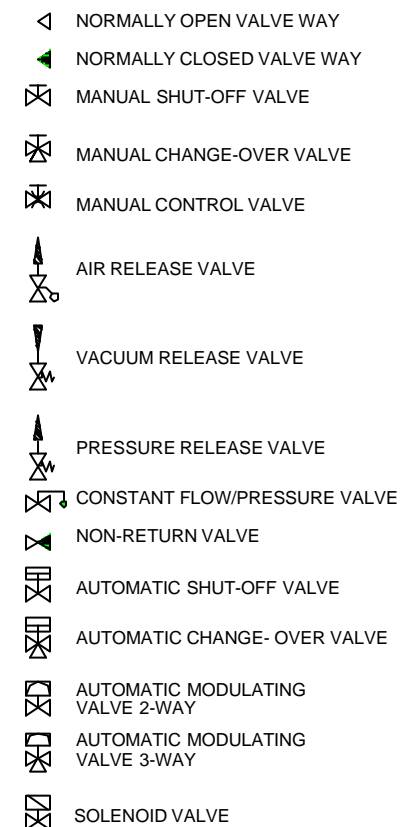
## \*TYPE OF QUALITY



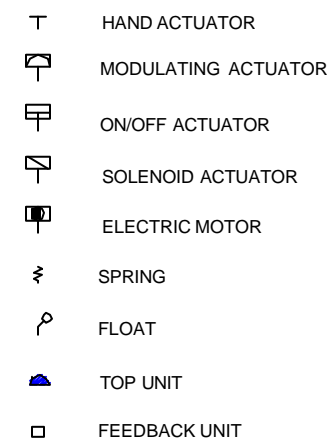
## HYGIENIC VALVES



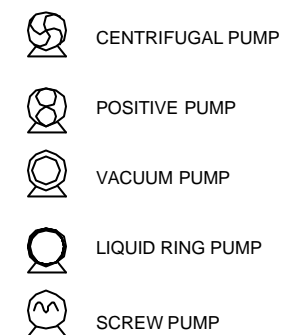
## NON-HYGIENIC VALVES



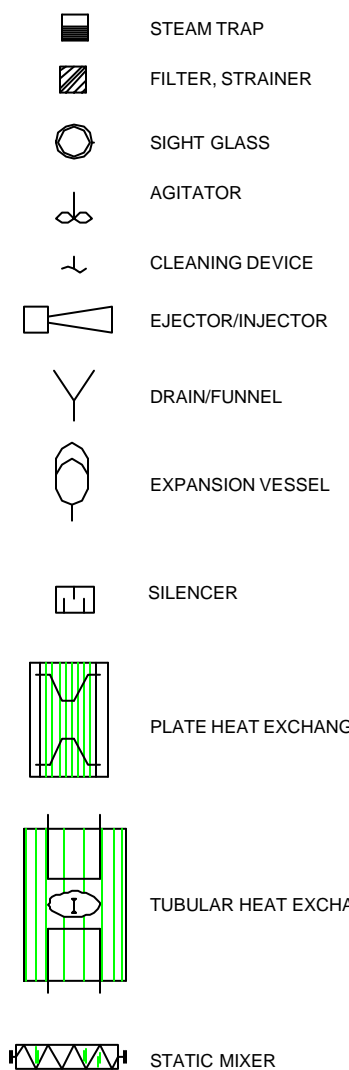
## ACTUATOR FUNCTIONS




## PUMPS

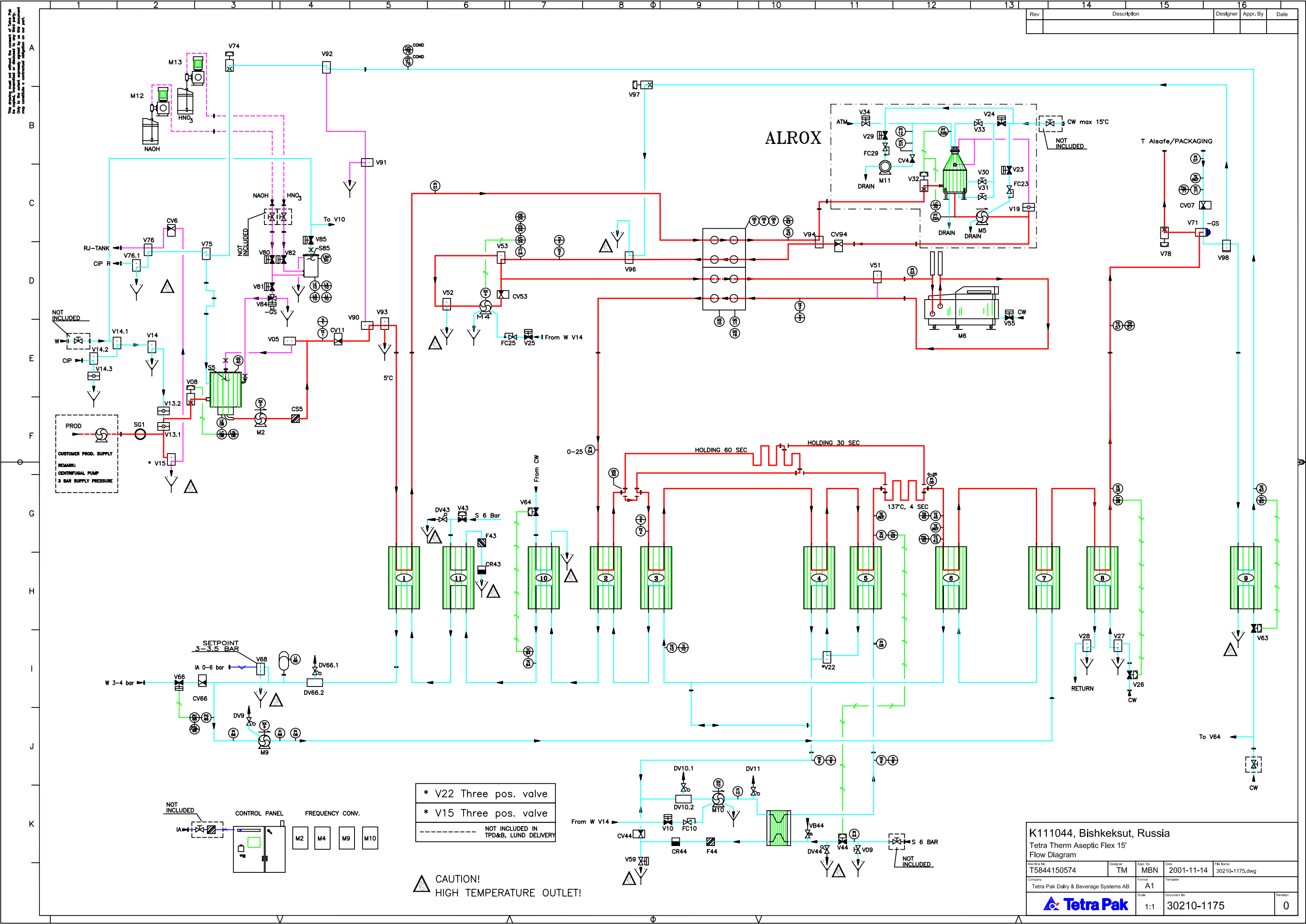


## COMPONENTS



## Flow Diagram Symbols

Machine No	Designer MBN	Appr. By	Date 2001-10-04	File Name
Company		Format A2	Template	
		Scale	Document No Doc No 1213349-01	Revision



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Rev	Description	Designer	Appr. By	Date

K111044, Bishkeksut, Russia				
Tetra Therm Aseptic Flex 15'				
Flow Diagram				
Machine No.	Designer	Appr. By	Date	File Name
T5844150574	TM	MBN	2001-11-14	30210-1175.dwg
Company	Formal	Template		
Tetra Pak Dairy & Beverage Systems AB	A1			
Scale	Document No			Revision
1:1	30210-1175			0