Formula Worksheet
for
Milnor Mark II Textile Controller

Formula Number: ☐☐

Name: ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Factory Step Names
01=Flush
02=Break
03=Wash
04=Bleach
05=Rinse
06=Antichlor
07=Sour
08=Soursoft
09=Softener
10=Mildcide
11=Finish
12=Starch

- Step
- Water Level
- Temperature
- Time

Step number

Step name number
00 names the step by number

Sxx yy

Water Valves

3=3rd
0=off, 1=on,
2=↑ temp,
3=↓ temp

C=Cold
0=off, 1=on,
3=↓ temp

2=2nd
0=off, 1=on,
2=↑ temp,
3=↓ temp

H=Hot
0=off, 1=on,
2=raises temp

C=Cold
0=off, 1=on

Temp
°F or °C

MMQ=Duration of step
(minutes, minutes, 1/4 minutes)

T=Type of step
0=end formula
1=1-way wash
2=2-way wash
3=soak wash
4=pre+final extract
5=intermediate extract
6=final extract
7=double extract

LL=Height
of water
(inches or cm)

Tank Fill
0=Do not fill from tank
1=Fill from tank

TMMQ FFFHC3 CCCC23 wLL S

S=Steam
0 = no steam

	Early	After	Timer
1 =	no	yes	runs
2 =	no	no	stops
3 =	no	yes	stops
4 =	yes	yes	runs
5 =	yes	no	stops
6 =	yes	yes	stops

- Supply Usage
(Use additional lines for more than one chemical per step.)

Chemicals

*=Signal with
0=no, 1=yes

SSS=Duration
(sec)

W=When
0=with fill
1=with level ok
2=with level and temp ok

NN=Name
00 names the chemical by number

CC=Which
00=no chem
16=signal only

Rotation Speed RPM
revolutions per minute

CCNN w SSS * RP MDRC

D=Rotation during drain and previous fill
0=standard drain speed
1=2-way wash speed
2=do not drain
3=stop with drain
4=stop with fill
5=stop with fill & drain
6=stop with fill, no drain
7=drain & spray

R=Drain Destination
0=sewer, 1=reuse

C=Recirculation
0=recirculate bath water
1=do not recirculate

Cylinder Rotation

XXX=On-time
for rotation
(seconds)

YYY=Off-time
for rotation
(seconds)

E=How to end
(last step)
0=stopped
1=reversing
2=drain speed
3=break cake
4=tumbling

F01 XXX YYY E

Factory Chem Names
01=Alkali
02=Soap
03=Detergent
04=Soap+alkali
05=Deterg+alkali
06=Chlorine Bleach
07=Oxygen Bleach
08=Antichlor
10=Softener
11=Sour+Softener
12=Starch
13=Anti-mildew
14=Anti-bacteria
15=Finishing Chems

Step Name	Sxx yy	TMMQ FFFHC3 CCCC23 wLL S	CCNN w SSS * RP MDRC	F01 XXX YYY E	Chemical Description
	01				