Formula Worksheet
for
Milnor 100-Formula Washer-Extractors (Mark II and Mark III)

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

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
- Water Level
- Temperature
- Time

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

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/fill & drain
6=stop with fill, no drain
7=drain & spray

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

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

Step name number
00 names the step by number

Step number

Water Valves

3=3rd
0=off, 1=on

C=Cold
0=off, 1=on, 3=lowers temp

2=2nd
0=off, 1=on

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

C=Cold
0=off, 1=on

Temp
☐F or ☐C

L=Level
0=no water
1=below low
2=low
3=high

LL=Height of water (inches or cm)

LLLL=Quantity (e.g., gallons)

Bot fill
0=no
1=yes

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:

SPD
0=normal
1=low

RPM
revolutions per minute

R=Drain Destination
0=sewer, 1=reuse

S=Spray Rinse at end of intermediate extract
0=no, 1=yes

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

Step Name	S X X	Y Y	T M M Q	F C	F C	F C	H C 2	C 3	3	B	L L L	L L	L	L	S	C C N N W S S S *	S R	P P	D M	D	R	S	E	Chemical Description
	01																							