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Technical Reference—

The Standard E-P Plus® Formulas

Read the separate safety manual before installing, operating, or servicing

PELLERIN MILNOR CORPORATION POST OFFICE BOX 400, KENNER, LOUISIANA 70063 - 0400, U.S.A.

Applicable Milnor® products by model number:

30022F8J	36030F8J	42032F7J	48040F7B	48040F7J	68036F5B	30015T5J
30015V7J	30022T5J	30022V6J	30022X8J	36021V5J	36026V5J	36026V7J
36026X8J	42026V6J	42026X7J	42030V6J	42032X7J	30022H7J	30022H8J
30015M4J	30015M6J	30022M5J				

Table of Contents

Sections	Figures, Tables, and Supplements
5. Standard Correctional Laundry Formulas (Document BICJUP03)	Table 25: Correctional Laundry Formula 01: Standard Wash Table 26: Correctional Laundry Formula 02: Personal Clothing (White) Table 27: Correctional Laundry Formula 03: Bed Linen/Towels Table 28: Correctional Laundry Formula 04: Uniforms Table 29: Correctional Laundry Formula 05: Blankets Table 30: Correctional Laundry Formula 06: Personal Clothing (Color) Table 31: Correctional Laundry Formula 07: Infirmary Table 32: Correctional Laundry Formula 08: Food Service/Aprons/Wipes/Mops Table 33: Correctional Laundry Formula 09: Stain Soak Table 34: Correctional Laundry Formula 10: Quick Wash
6. Standard Hotel-Motel Laundry Formulas (Document BICJUP04)	Table 35: Hotel-Motel Formula 01: Standard Wash Table 36: Hotel-Motel Formula 02: Sheets Table 37: Hotel-Motel Formula 03: Pillowcases Table 38: Hotel-Motel Formula 04: Towels and Uniforms Table 39: Hotel-Motel Formula 05: Bedspreads and Blankets Table 40: Hotel-Motel Formula 06: Colored Table Linens Table 41: Hotel-Motel Formula 07: White Table Linens and Kitchen Table 42: Hotel-Motel Formula 08: Multi-Flush Table 43: Hotel-Motel Formula 09: Stain Soak Table 44: Hotel-Motel Formula 10: Quick Wash

Sections	Figures, Tables, and Supplements
7. Standard Healthcare Laundry Formulas (Document BICJUP05)	Table 45: Healthcare Formula 01: Standard Wash Table 46: Healthcare Formula 02: Sheets Table 47: Healthcare Formula 03: Pillowcases Table 48: Healthcare Formula 04: Towels and Personal Work Table 49: Healthcare Formula 05: Pads and Diapers Table 50: Healthcare Formula 06: Sheepskins and Cubicle Curtains Table 51: Healthcare Formula 07: White Table Linens and Kitchen Table 52: Healthcare Formula 08: Multi-Flush Table 53: Healthcare Formula 09: Stain Soak Table 54: Healthcare Formula 10: Quick Wash
8. Standard Restaurant Laundry Formulas (Document BICJUP06)	Table 55: Restaurant Formula 01: Standard Wash Table 56: Restaurant Formula 02: Colored Table Linen Table 57: Restaurant Formula 03: Table Linen and Aprons Table 58: Restaurant Formula 04: Wipes Table 59: Restaurant Formula 05: Stain Treatment Table 60: Restaurant Formula 06: Hand Towels and Uniforms Table 61: Restaurant Formula 07: Floor Mops Table 62: Restaurant Formula 08: Multi-Flush Table 63: Restaurant Formula 09: Stain Soak Table 64: Restaurant Formula 10: Quick Wash

Sections	Figures, Tables, and Supplements
9. Standard Shirt Laundry Formulas (Document BICJUP07)	Table 65: Shirt Laundry Formula 01: Starch/Extract Only Table 66: Shirt Laundry Formula 02: White (Starch) Table 67: Shirt Laundry Formula 03: Colored (Starch) Table 68: Shirt Laundry Formula 04: White (No Starch) Table 69: Shirt Laundry Formula 05: Colored (No Starch) Table 70: Shirt Laundry Formula 06: Delicates Table 71: Shirt Laundry Formula 07: Stain Treatment Table 72: Shirt Laundry Formula 08: Oxygen Bleach Table 73: Shirt Laundry Formula 09: Stain Soak Table 74: Shirt Laundry Formula 10: Extract
10. Standard Commercial Laundry Formulas (Document BICJUP08)	Table 75: Commercial Laundry Formula 01: Standard Wash Table 76: Commercial Laundry Formula 02: Light Soil—White Table 77: Commercial Laundry Formula 03: Light Soil—Colored Table 78: Commercial Laundry Formula 04: Medium Soil—White Table 79: Commercial Laundry Formula 05: Medium Soil—Colored Table 80: Commercial Laundry Formula 06: Heavy Soil—White Table 81: Commercial Laundry Formula 07: Heavy Soil—Colored Table 82: Commercial Laundry Formula 08: Multi-Flush Table 83: Commercial Laundry Formula 09: Stain Soak Table 84: Commercial Laundry Formula 10: Quick Wash

Sections	Figures, Tables, and Supplements
11. Standard Offshore Laundry Formulas (Document BICJUP09)	Table 85: Offshore Laundry Formula 01: Standard Wash Table 86: Offshore Laundry Formula 02: Personal Work Table 87: Offshore Laundry Formula 03: Work Clothes—Heavy Soil Table 88: Offshore Laundry Formula 04: Bed/Bath Linen Table 89: Offshore Laundry Formula 05: Wipes/Kitchen Table 90: Offshore Laundry Formula 06: Floor Mops Table 91: Offshore Laundry Formula 07: Greasy Rags Table 92: Offshore Laundry Formula 08: Multi-Flush Table 93: Offshore Laundry Formula 09: Stain Soak Table 94: Offshore Laundry Formula 10: Quick Wash
12. Standard Gear Guardian Formulas (Document BICJUP10)	Table 95: Gear Guardian Formula 01: Light Soil Turnouts Table 96: Gear Guardian Formula 02: Heavy Soil Turnouts Table 97: Gear Guardian Formula 03: Moisture Barriers Table 98: Gear Guardian Formula 04: Breathable Vapor Barriers Table 99: Gear Guardian Formula 05: Oil-contaminated Gear Table 100: Gear Guardian Formula 06: Brush Gear Table 101: Gear Guardian Formula 07: Hoods and Suspenders Table 102: Gear Guardian Formula 08: Truck Towels Table 103: Gear Guardian Formula 09: Stationwear Table 104: Gear Guardian Formula 10: Sheets and Pillowcases

BIRHUK03 (Published) Book specs- Dates: 20070226 / 20070226 / 20070226 Lang: ENG01 Applic: CJF CJV CJH CJM

1. About This Manual

1.1. Scope

This manual documents the default formulas provided in Milnor® washer extractors equipped with the Milnor® E-P Plus® microprocessor control. See the reference manual for operating, programming, and troubleshooting instructions. See the installation manual for information on machine installation procedures and mechanical requirements. See the service manual for preventive maintenance, service procedures, and mechanical parts identification. See the schematic manual for electrical parts identification and electrical troubleshooting instructions.

1.2. Best Available Information [Document BIUUUD17]

This manual contains the most accurate and complete information available when Milnor shipped your machine/software. Products are occasionally released with the best available documentation, even though the device identification (model numbers, etc.) on the documentation does not explicitly include the delivered model. In such cases, use the documentation provided.

Although unlikely, incorrect manuals may have shipped with your machine. If you believe you received the wrong manuals, or if you need specific information about any aspect of your machine not addressed in the provided documentation, contact the Milnor Customer Service group.

1.3. The Normal Display at Start-up

The start-up display sequence for models using the E-P Plus® controller is described in the related section in document BICJHO01.

1.4. About the Controller Displays Appearing in Bilingual Manuals

[Document BIUUUD15]

In bilingual versions of this manual, each controller display appears once for each language in the manual. The English display appears immediately below the native (non-English) on the left side of the page, as shown in Figure 1.

Figure 1: Typical Bilingual Controller Display and Explanation

Wyświetlacz lub Działanie [Display or Action]	Objaśnienie	Explanation
URUCHOM PROGRAM 00 OK MOŻNA WYŁĄCZYĆ	To jest wyświetlacz *Uruchom Program*.	This is the *Run Formula* display.
RUN FORMULA 00 OK TO POWER OFF		

Milnor provides native displays for several languages. If the native language is not provided by Milnor, the machine will display English only. Even for languages not supported by Milnor machine software, some displays in the manual may be translated. These native language displays **do not** appear on the machine, but help the user identify and understand the displayed English.

1.5. How to Identify this Manual and its Included Documents [Document BIUUUD13]

A complete identification of this manual or any document in this manual must include **all** specifications shown on the front cover, as defined below:

Published manual number—Primary identification number for the manual or any variation of it.

Specified date—The approximate date of introduction of the product or product change this manual covers.

As-of date—When a manual for an old product is generated, any new information about the old product developed up to this date will be included in the manual.

Access date—The date the manual was generated (assembled and formatted).

Applicability—Code(s) that represent a group of machines this manual applies to and/or actual model numbers of applicable machines. The complete list of applicable models is provided inside the front cover. If "not used" appears here, this is not a product manual, but has another purpose such as to provide administrative procedures.

Language Code—A code representing the specific language and dialect of this manual. "Eng01" identifies the language/dialect of the manual as United States English.

When referring to any **document** used in this manual (as identified by an eight-character document number such as BIUUUD13 at the start of the document), a complete identification of the document must include all specifications shown on the front cover, except substituting the document number for the published manual number.

1.6. Trademarks [Document BIUUUD14]

1.6.1. Trademarks of Pellerin Milnor Corporation—The following terms, some of which may be used in this publication, are trademarks of Pellerin Milnor Corporation:

Table 1: Trademarks

CBW®	E-P OneTouch®	Mentor®	Milnet®	Staph-Guard®
E-P Express®	E-P Plus®	Mildata®	Milnor®	Visionex™
	Gear Guardian®		MultiTrac™	

1.6.2. Trademarks of Other Companies—The following terms, some of which may be used in this publication, are trademarks of their respective companies:

Table 2: Trademarks

Acronis®	IBM®	Microsoft Office XP®	Microsoft Access®	Siemens®
Atlas 2000®	Microsoft Windows 2000®	Microsoft Windows NT®	Microsoft Windows XP®	Seagate Crystal Reports®
		Yaskawa®		

— End of BIRHUK03 —

BICJUP11 (Published) Book specs- Dates: 20070226 / 20070226 / 20070226 Lang: ENG01 Applic: CJF CJV CJH CJM

2. Summary of E-P Plus® Configurations and Formulas

2.1. Available Software Configurations

Washer-extractors with the E-P Plus® controller are programmed at the factory to contain default formulas which are always available in the machine. These default formulas can be loaded into the machine's memory, modified, and deleted according to procedures described in the reference manual for this machine. However, a copy of the default formula set as prepared by the Milnor® factory is always retained and available for replacing the modified formulas if necessary.

Each E-P Plus® machine can be configured for one of the industries listed in Table 3. This configuration is accomplished by setting a DIP switch on the microprocessor controller to a specific setting for the desired industry. Complete detailed instructions for configuring your E-P Plus® washer-extractor can be found in the reference manual for your machine.

Table 3: Software Configuration for Industries

Available Industry Configurations	
Athletic Laundry	Shirt Laundry
Correctional Laundry	Commercial Laundry
Hotel-Motel Laundry	Offshore Laundry
Healthcare Laundry	Gear Guardian (fire department use)
Restaurant Laundry	

2.2. Formulas Available in Each Configuration

The tables below list the specific default formulas available in each industry configuration of the E-P Plus® controller. Detailed descriptions of each formula, including step times and chemical injections, are elsewhere in this manual; see the table of contents.

Table 4: Athletic Laundry Formulas

Formula Number	Application	Formula Number	Application
1	Standard Wash	6	Light Soil
2	Towels	7	Cold Wash
3	Athletic Uniforms	8	Multi-flush
4	Socks and T-shirts	9	Stain Soak
5	Floor Mops	10	Quick Wash

Table 5: Correctional Laundry Formulas

Formula Number	Application	Formula Number	Application
1	Standard Wash	6	Personal Clothing (Color)
2	Personal Clothing (White)	7	Infirmary
3	Bed Linen/Towels	8	Food Service/Aprons/ Wipes/Mops
4	Uniforms	9	Stain Soak
5	Blankets	10	Quick Wash

Table 6: Hotel-Motel Laundry Formulas

Formula Number	Application	Formula Number	Application
1	Standard Wash	6	Colored Table Linens
2	Sheets	7	White Table Linens and Kitchen Articles
3	Pillowcases	8	Multi-flush
4	Towels and Uniforms	9	Stain Soak
5	Bedspreads and Blankets	10	Quick Wash

Table 7: Healthcare Laundry Formulas

Formula Number	Application	Formula Number	Application
1	Standard Wash	6	Sheepskins and Cubicle Curtains
2	Sheets	7	White Table Linens and Kitchen Articles
3	Pillowcases	8	Multi-flush
4	Towels and Personal Work	9	Stain Soak
5	Pads and Diapers	10	Quick Wash
1	Standard Wash	6	Sheepskins
2	Sheets	7	White Table Linens
3	Pillowcases	8	Multi-flush
4	Towels and Personal Goods	9	Stain Treatment
5	Pads and Diapers	10	Quick Wash

Table 8: Restaurant Laundry Formulas

Formula Number	Application	Formula Number	Application
1	Standard Wash	6	Hand Towels and Uniforms
2	Colored Table Linen	7	Floor Mops
3	Table Linen and Aprons	8	Multi-flush
4	Wipes	9	Stain Soak
5	Stain Treatment	10	Quick Wash
1	Standard Wash	6	Hand Towels and Uniforms
2	Colored Table Linen	7	Floor Mops
3	White Table Linen	8	Multi-flush
4	Wipes	9	Stain Treatment
5	100% Polyester Table Linen	10	Quick Wash

Table 9: Shirt Laundry Formulas

Formula Number	Application	Formula Number	Application
1	Starch/Extract Only	6	Delicates
2	White (Starch)	7	Stain Treatment
3	Colored (Starch)	8	Oxygen Bleach
4	White (No Starch)	9	Stain Soak
5	Colored (No Starch)	10	Extract
1	Starch and Extract	6	Split Wash—No Starch
2	Starched Goods—White	7	Cold Wash—No Starch
3	Starched Goods—Colored	8	Delicates
4	Cold Wash—Starched Goods	9	Stain Treatment
5	Hot Wash—No Starch	10	Extract

Table 10: Commercial Laundry Formulas

Formula Number	Application	Formula Number	Application
1	Standard Wash	6	Heavy Soil (White)
2	Light Soil (White)	7	Heavy Soil (Colored)
3	Light Soil (Colored)	8	Multi-flush
4	Medium Soil (White)	9	Stain Soak
5	Medium Soil (Colored)	10	Quick Wash
1	Standard Wash	6	Heavy Soil (White)
2	Light Soil (White)	7	Heavy Soil (Colored)
3	Light Soil (Colored)	8	Multi-flush
4	Medium Soil (White)	9	Stain Treatment
5	Medium Soil (Colored)	10	Bedspreads and Blankets

Table 11: Offshore Laundry Formulas

Formula Number	Application	Formula Number	Application
1	Standard Wash	6	Floor Mops
2	Personal Work	7	Greasy Rags
3	Work Clothes—Heavy Soil	8	Multi-flush
4	Bed/Bath Linen	9	Stain Soak
5	Wipes/Kitchen	10	Quick Wash
1	Standard Wash	6	Colored Table Linen
2	Personal Work	7	Greasy Rags
3	Work Clothes—No Bleach	8	Multi-flush
4	Bed and Bath Linen	9	Stain Treatment
5	Kitchen Wipes and Mops	10	Quick Wash

Table 12: Gear Guardian Formulas

Formula Number	Application	Formula Number	Application
1	Light Soil Turnouts	6	Brush Gear
2	Heavy Soil Turnouts	7	Hoods and Suspenders
3	Moisture Barriers	8	Truck Towels
4	Breathable Vapor Barriers	9	Stationwear
5	Oil-contaminated Gear	10	Sheets and Pillowcases

— End of BICJUP11 —

BICJUP12 (Published) Book specs- Dates: 20070226 / 20070226 / 20070226 Lang: ENG01 Applic: CJF CJV CJH CJM

3. How to Use the E-P Plus® Formula Tables

Each standard E-P Plus® formula is described in tabular form in this manual. Formulas are made up of steps, which are programmed through a series of decisions. In the formula tables in this manual, each step decision is represented by a column, and each step is described by one row of the table.

Part of a typical formula chart is shown in Table 13 below, and a brief description of each step decision follows the table. For more complete explanations of each decision, see the appropriate section in the reference manual for your machine.

3.1. Sample Formula Table

Table 13: Sample Laundry Partial Formula: Example Only

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	6	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		

3.2. Definitions of Step Decision Symbols

3.2.1. T = Type of Step

0 = End Formula—always the **last step** in a formula; signifies that there are no further steps and prompts programmer for step decision *E = How to End Formula*

1 = One-way Wash—basket rotates in **one direction only** throughout this step; used for small goods

2 = Two-way Wash—basket **reverses** rotation periodically throughout this step; used for goods which might tangle

3 = Soak Wash—basket is **stationary** throughout this step; drastically reduces mechanical action

4 = Intermediate Extract—the **slowest extract** speed; usually used between bath steps

5 = Intermediate or Final Extract—depending on machine model, this step type may be either a **faster intermediate extract or a final extract**, as is used at the end of a formula. This type of step is not available on TxJ models.

6 = Final Extract—only available on models with three extract speeds, this is the step type usually used **to eliminate the maximum amount of water** from the goods. This type of step is not available on TxJ models.

3.2.2. MMQ = Step Duration—Enter the duration of the step in minutes, minutes, and quarter-minutes.

001—step duration of 15 seconds (**minimum** allowable step duration)

072—step duration of 7:30 (7 minutes and 2 quarter-minutes)

633—step duration of 63:45 (**maximum** allowable step duration)

Note 1: The total time for a wash formula will be greater than the sum of the individual step times because of drain times and coast times, which vary among machine models.

3.2.3. FFF or CCC = Commanded Bath Temperature (Optional)—This decision is available only if the machine is equipped with and configured for optional temperature control.

FFF or CCC—commanded temperature in degrees Fahrenheit or Celsius; depends on how machine is configured

050°F/010°C—minimum temperature in any bath

205°F/095°C—maximum temperature in any bath

3.2.4. H = Hot Water Valve

0—hot water valve **off**

1—hot water valve **on**

2—hot water valve **on to raise temperature** of filling water

3—response not allowed

3.2.5. C = Cold Water Valve

0—cold water valve **off**

1—cold water valve **on**

2—response not allowed

3—cold water valve **on to lower temperature** of filling water

3.2.6. 3 = Third Water Valve (Optional)—This decision is available only if the machine is equipped with and configured for optional third water valve.

0—third water valve **off**

1—third water valve **on**

2—third water valve **on to raise temperature** of filling water

3—third water valve **on to lower temperature** of filling water

3.2.7. L = Bath Level

1—**low** bath level

2—**high** bath level

3.2.8. S = Steam (Optional)—This decision is available only if the machine is equipped with and configured for steam.

1—Start steaming **after** level is achieved, subsequent steaming **allowed**; timer **runs**.

2—Start steaming **after** level is achieved, subsequent steaming **not allowed**; timer **stops** until temperature is achieved.

3—Start steaming **after** level is achieved, subsequent steaming **allowed**; timer **stops** until temperature is achieved.

4—Start steaming **before** level is achieved, subsequent steaming **allowed**; timer **runs**.

5—Start steaming **before** level is achieved, subsequent steaming **not allowed**; timer **stops** until temperature is achieved.

6—Start steaming **before** level is achieved, subsequent steaming **allowed**; timer **stops** until temperature is achieved.

3.2.9. C = Chemicals—There may be more than one chemical decision per step because multiple chemicals may be added to a single bath. The maximum number of chemicals that may be injected per bath may be either two or five, depending on machine model and software version.

If the chemical numbers and names shown below do not correspond to how your machine is set up, do not use the default formulas without first testing and modifying the chemical injection values.

0—no chemical injection commanded

1—inject chemical 1, usually **alkali** for QxJ and 36-inch or larger VxJ models; **detergent** for other models

2—inject chemical 2, usually **detergent** for QxJ and 36-inch or larger VxJ models; **bleach** for other models

3—inject chemical 3, usually **bleach** for QxJ and 36-inch or larger VxJ models; **sour** for other models

4—inject chemical 4, usually **softener** for all models

5—inject chemical 5, usually **starch** for all models; also used to signal that a ChemSave machine desires to inject chemical

3.2.10. W = When to Inject Chemicals—At what point in the step is this chemical to be injected?

0—Begin injecting the chemical **when the water valves open**.

1—Begin injecting the chemical when the commanded **bath level is achieved**.

2—Begin injecting the chemical when the commanded **bath level and temperature are achieved**. This option is available only with steam codes of 2, 3, 5, or 6 programmed.

3.2.11. SS = Chemical Injection Duration—How long should the chemical injection continue?

00—0 seconds; chemical injection prohibited

40—40 seconds; default value

B9—119 seconds (see Table 14)

Q5—255 seconds; maximum value

Table 14: Codes for Inject Times of 100 Seconds and Longer

Alphabetic Code	Value	Alphabetic Code	Value	Alphabetic Code	Value	Alphabetic Code	Value
A	100	E	140	I	180	M	220
B	110	F	150	J	190	N	230
C	120	G	160	K	200	P	240
D	130	H	170	L	210	Q	250

3.2.12. * = Signal with Chemical Injection—Should the machine operator be notified when this chemical injection is desired?

0—**No.** The chemical injection occurs automatically without operator notification or intervention.

1—**Yes.** The machine will signal the operator when this chemical injection is desired. The operator must cancel the signal by pressing ✓ or ☑ before the injection will occur.

3.2.13. SPD = Wash Speed—Should this step employ normal wash speed or high wash speed?

0—This is wash speed 2. This **higher wash speed** decreases mechanical action by reducing the distance the goods are dropped.

1—This is wash speed 1, the **normal wash speed**. This speed is the default value for factory-supplied formulas and new bath steps.

3.2.14. D = Drain Action—What type of drain action is desired for this step?

0—**Standard drain speed;** basket turns clockwise at drain/distribution speed.

1—**Two-way wash speed;** basket reverses at wash speed for additional mechanical action during draining.

2—**Do not drain;** bath liquor is retained, as for the injection of additional chemicals or for baths longer than the control will allow in a single step.

3—**Stop with fill.** The basket does not turn while filling prior to this drain, but turns at standard drain speed during draining.

4—**Stop with drain.** The basket does not turn during draining.

5—**Stop with fill and drain.** The basket is held stationary during both fill and drain.

3.2.15. R = Drain Destination (Optional)

0—Drain this bath to the **sewer.**

1—If machine is equipped with an optional second drain, this selection allows draining this bath to an **optional reuse tank.**

3.2.16. E = How to End Formula—How should this formula end?

0—Stop and require operator to cancel signal

1—Reversing at wash speed and require operator to end formula

2—Rotating at wash speed and require the operator to end the formula

3—Tumble at wash speed for two minutes, then sound signal

4—Stop and sound operator signal for two minutes, then shut off; available only with software dated 9B005 or later.

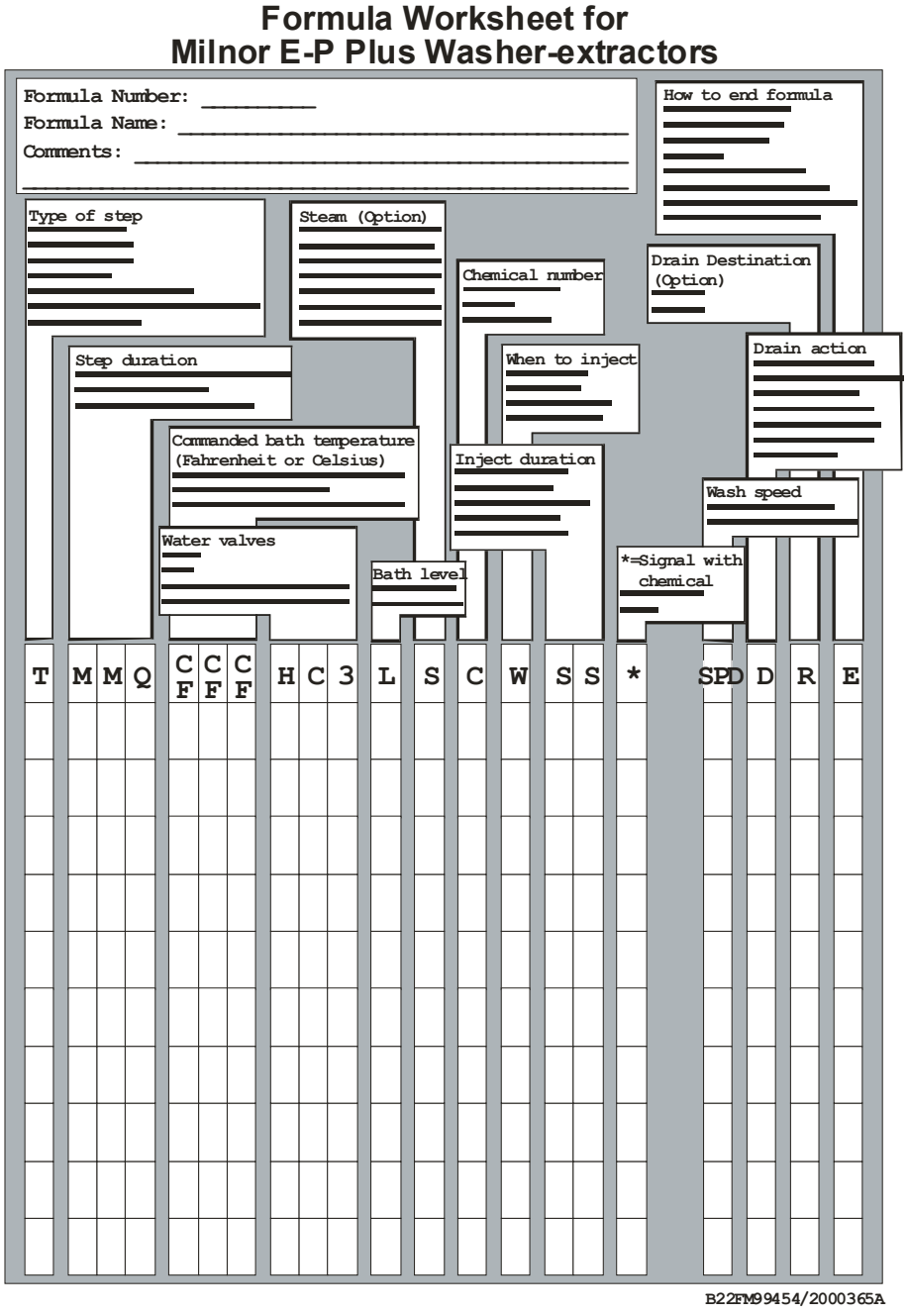
5—Reverse at wash speed with signal sounding for two minutes, then shut off; available only with software dated 9B005 or later.

6—Rotate at drain speed for two minutes with signal, then shut off; available only with software dated 9B005 or later.

7—Tumble for two minutes, then tumble with signal for two minutes, then shut off; available only with software dated 9B005 or later.

3.3. Formula Programming Worksheet

Figure 2: Worksheet



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4. Standard Athletic Laundry Formulas

Table 15: Athletic Formula 01: Standard Wash

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	6	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	3	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 16: Athletic Formula 02: Towels

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	8	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 17: Athletic Formula 03: Athletic Uniforms

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	1		1		1	0	4	0	0	1	0			
2	2	0	2	0	0	0	0	1	1		2		0					1	0			
3	2	0	7	0	0	0	0	1	1		1		1	0	4	0	0	1	0			
4	2	0	2	0	0	0	0	1	1		2		0					1	0			
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	2	0	2	0	0	0	0	0	1		2		0					1	0			
7	2	0	4	0	0	0	0	0	1		1		3	0	4	0	0	1	0			
8	5	0	4	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 18: Athletic Formula 04: Socks and T-shirts

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	5	0	0	0	0	1	0		1		0					1	0			
3	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
4	2	0	2	0	0	0	0	1	0		2		0					1	0			
5	4	0	1	0																		
6	2	0	2	0	0	0	0	1	1		2		0					1	0			
7	4	0	1	0																		
8	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
9	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
10	0																					

Table 19: Athletic Formula 05: Floor Mops

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
4	2	0	2	0	0	0	0	1	0		2		0					1	0			
5	4	0	1	0																		
6	2	0	2	0	0	0	0	1	1		2		0					1	0			
7	4	0	1	0																		
8	2	0	2	0	0	0	0	0	1		2		0					1	0			
9	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
10	0																					

Table 20: Athletic Formula 06: Light Soil

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	2	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	3	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 21: Athletic Formula 07: Cold Wash

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	0	1		2		0					1	0			
2	2	0	7	0	0	0	0	0	1		1		1	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	0	1		2		0					1	0			
4	2	0	2	0	0	0	0	0	1		2		0					1	0			
5	2	0	2	0	0	0	0	0	1		2		0					1	0			
6	5	0	3	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
7	0																					

Table 22: Athletic Formula 08: Multi-Flush

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	2	0	0	0	0	1	1		2		0					1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
5	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
6	2	0	2	0	0	0	0	1	0		2		0					1	0			
7	4	0	1	0																		
8	2	0	2	0	0	0	0	1	1		2		0					1	0			
9	4	0	1	0																		
10	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
11	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
12	0																					

Table 23: Athletic Formula 09: Stain Soak

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	0	1	0	0	0	1	1		1		0					1	2			
2	3	2	5	0	0	0	0	1	1		1		0					1	0			
3	2	0	2	0	0	0	0	1	1		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 24: Athletic Formula 10: Quick Wash

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	5	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	1	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	3	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	5	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

— End of BICJUP02 —

BICJUP03 (Published) Book specs- Dates: 20070226 / 20070226 / 20070226 Lang: ENG01 Applic: CJF CJV CJH CJM

5. Standard Correctional Laundry Formulas

Table 25: Correctional Laundry Formula 01: Standard Wash

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	6	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	3	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 26: Correctional Laundry Formula 02: Personal Clothing (White)

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	8	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	2	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 27: Correctional Laundry Formula 03: Bed Linen/Towels

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 28: Correctional Laundry Formula 04: Uniforms

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	8	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 29: Correctional Laundry Formula 05: Blankets

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	8	0	0	0	0	1	1		1		1	0	4	0	0	1	0			
2	2	0	2	0	0	0	0	1	1		2		0					1	0			
3	2	0	2	0	0	0	0	1	1		2		0					1	0			
4	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
5	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
6	0																					

Table 30: Correctional Laundry Formula 06: Personal Clothing (Color)

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	1	0	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	4	0	1	0														1	0			
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	2	0	7	0	0	0	0	0	1		1		3 5	0 0	4 4	0 0	0 0	1	0			
7	5	0	3	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 31: Correctional Laundry Formula 07: Infirmary

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	1	0	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
3	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
4	2	0	2	0	0	0	0	1	0		2		0					1	0			
5	4	0	1	0																		
6	2	0	2	0	0	0	0	1	1		2		0					1	0			
7	4	0	1	0																		
8	2	0	7	0	0	0	0	0	1		1		3 5	0 0	4 4	0 0	0 0	1	0			
9	5	0	3	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
10	0																					

Table 32: Correctional Laundry Formula 08: Food Service/Aprons/Wipes/Mops

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	2	0	0	0	0	1	1		2		0					1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
5	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
6	2	0	2	0	0	0	0	1	0		2		0					1	0			
7	4	0	1	0																		
8	2	0	2	0	0	0	0	1	1		2		0					1	0			
9	4	0	1	0																		
10	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
11	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
12	0																					

Table 33: Correctional Laundry Formula 09: Stain Soak

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	0	1	0	0	0	1	1		1		0					1	2			
2	2	2	5	0	0	0	0	1	1		1		0					1	0			
3	2	0	2	0	0	0	0	1	1		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 34: Correctional Laundry Formula 10: Quick Wash

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	5	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	1	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0															0			
4	2	0	1	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	3	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	5	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

— End of BICJUP03 —

BICJUP04 (Published) Book specs- Dates: 20070226 / 20070226 / 20070226 Lang: ENG01 Applic: CJF CJV CJH CJM

6. Standard Hotel-Motel Laundry Formulas

Table 35: Hotel-Motel Formula 01: Standard Wash

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	6	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	3	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	6	0																	0	
8	0																					

Table 36: Hotel-Motel Formula 02: Sheets

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	8	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	2	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 37: Hotel-Motel Formula 03: Pillowcases

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 38: Hotel-Motel Formula 04: Towels and Uniforms

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	8	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 39: Hotel-Motel Formula 05: Bedspreads and Blankets

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	8	0	0	0	0	1	1		1		1	0	4	0	0	1	0			
2	2	0	2	0	0	0	0	1	1		2		0					1	0			
3	2	0	2	0	0	0	0	0	1		2		0					1	0			
4	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
5	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
6	0																					

Table 40: Hotel-Motel Formula 06: Colored Table Linens

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	1	0	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	4	0	1	0															0			
5	2	0	2	0	0	0	0	1	1		2		0						0			
6	2	0	7	0	0	0	0	0	1		1		3 5	0 0	4 4	0 0	0 0	1	0			
7	5	0	3	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 41: Hotel-Motel Formula 07: White Table Linens and Kitchen

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	1	0	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
3	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
4	2	0	2	0	0	0	0	1	0		2		0					1	0			
5	4	0	1	0																		
6	2	0	2	0	0	0	0	1	1		2		0					1	0			
7	4	0	1	0																		
8	2	0	7	0	0	0	0	0	1		1		3 5	0 0	4 4	0 0	0 0	1	0			
9	5	0	3	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
10	0																					

Table 42: Hotel-Motel Formula 08: Multi-Flush

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	2	0	0	0	0	1	1		2		0					1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
5	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
6	2	0	2	0	0	0	0	1	0		2		0					1	0			
7	4	0	1	0																		
8	2	0	2	0	0	0	0	1	1		2		0					1	0			
9	4	0	1	0																		
10	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
11	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
12	0																					

Table 43: Hotel-Motel Formula 09: Stain Soak

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	0	1	0	0	0	1	1		1		0					1	2			
2	3	2	5	0	0	0	0	1	1		1		0					1	0			
3	2	0	2	0	0	0	0	1	1		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 44: Hotel-Motel Formula 10: Quick Wash

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	5	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	1	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	3	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	5	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

— End of BICJUP04 —

BICJUP05 (Published) Book specs- Dates: 20070226 / 20070226 / 20070226 Lang: ENG01 Applic: CJF CJV CJH CJM

7. Standard Healthcare Laundry Formulas

Table 45: Healthcare Formula 01: Standard Wash

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	6	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	3	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 46: Healthcare Formula 02: Sheets

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	8	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																		
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 47: Healthcare Formula 03: Pillowcases

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
3	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
4	2	0	2	0	0	0	0	1	0		2		0					1	0			
5	4	0	1	0																		
6	2	0	2	0	0	0	0	1	1		2		0					1	0			
7	4	0	1	0																		
8	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0		0	
9	5	0	6	0																		
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
10	0																					

Table 48: Healthcare Formula 04: Towels and Personal Work

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		1		0					1	0			
2	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	1		2		0					1	0			
4	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
5	2	0	2	0	0	0	0	1	0		2		0					1	0			
6	4	0	1	0																		
7	2	0	2	0	0	0	0	1	1		2		0					1	0			
8	4	0	1	0																		
9	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
10	5	0	8	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
11	0																					

Table 49: Healthcare Formula 05: Pads and Diapers

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	2	0	0	0	0	1	1		2		0					1	0			
3	2	0	8	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
4	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
5	2	0	2	0	0	0	0	1	0		2		0					1	0			
6	4	0	1	0																		
7	2	0	2	0	0	0	0	1	1		2		0					1	0			
8	4	0	1	0																		
9	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
10	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
11	0																					

Table 50: Healthcare Formula 06: Sheepskins and Cubicle Curtains

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	0	1		2		0					1	0			
2	2	0	7	0	0	0	0	1	1		1		1	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	1		2		0					1	0			
4	2	0	2	0	0	0	0	0	1		2		0					1	0			
5	2	0	2	0	0	0	0	0	1		2		0					1	0			
6	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	3	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 51: Healthcare Formula 07: White Table Linens and Kitchen

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	2	1	2	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
4	2	0	2	0	0	0	0	1	0		2		0					1	0			
5	2	1	2	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
6	2	0	2	0	0	0	0	1	0		2		0					1	0			
7	4	0	1	0																		
8	2	0	2	0	0	0	0	1	1		2		0					1	0			
9	4	0	1	0																		
10	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
11	5	0	3	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
12	0																					

Table 52: Healthcare Formula 08: Multi-Flush

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	2	0	0	0	0	1	1		2		0					1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
5	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
6	2	0	2	0	0	0	0	1	0		2		0					1	0			
7	4	0	1	0																		
8	2	0	2	0	0	0	0	1	1		2		0					1	0			
9	4	0	1	0																		
10	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
11	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
12	0																					

Table 53: Healthcare Formula 09: Stain Soak

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	0	1	0	0	0	1	1		1		0					1	2			
2	3	2	5	0	0	0	0	1	1		1		0					1	0			
3	2	0	2	0	0	0	0	1	1		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 54: Healthcare Formula 10: Quick Wash

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	5	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	1	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	3	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	5	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

— End of BICJUP05 —

BICJUP06 (Published) Book specs- Dates: 20070226 / 20070226 / 20070226 Lang: ENG01 Applic: CJF CJV CJH CJM

8. Standard Restaurant Laundry Formulas

Table 55: Restaurant Formula 01: Standard Wash

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	6	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	3	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 56: Restaurant Formula 02: Colored Table Linen

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	1	0	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	2	0	7	0	0	0	0	0	1		1		3 5	0 0	4 4	0 0	0 0	1	0			
7	5	0	3	0																		
8	5	0	1	2																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 57: Restaurant Formula 03: Table Linen and Aprons

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	9	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
3	2	0	8	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
4	2	0	2	0	0	0	0	1	0		2		0					1	0			
5	4	0	1	0																		
6	2	0	2	0	0	0	0	1	1		2		0					1	0			
7	4	0	1	0																		
8	2	0	7	0	0	0	0	0	1		1		3 5	0 0	4 4	0 0	0 0	1	0			
9	5	0	3	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
10	0																					

Table 58: Restaurant Formula 04: Wipes

Decision																						
Step No.	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	2	0	8	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
4	2	0	6	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
5	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
6	2	0	2	0	0	0	0	1	0		2		0					1	0			
7	4	0	1	0																		
8	2	0	2	0	0	0	0	1	1		2		0					1	0			
9	4	0	1	0																		
10	2	0	3	0	0	0	0	0	1		1		3	0	4	0	0	1	0			
11	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
12	0																					

Table 59: Restaurant Formula 05: Stain Treatment

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	8	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	2	0	8	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
4	2	0	2	0	0	0	0	1	0		2		0					1	0			
5	4	0	1	0																		
6	2	0	2	0	0	0	0	1	1		2		0					1	0			
7	4	0	1	0																		
8	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
9	5	0	3	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
10	0																					

Table 60: Restaurant Formula 06: Hand Towels and Uniforms

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 61: Restaurant Formula 07: Floor Mops

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
4	2	0	2	0	0	0	0	1	0		2		0					1	0			
5	4	0	1	0																		
6	2	0	2	0	0	0	0	1	1		2		0					1	0			
7	4	0	1	0																		
8	2	0	2	0	0	0	0	0	1		2		0					1	0			
9	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
10	0																					

Table 62: Restaurant Formula 08: Multi-Flush

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	2	0	0	0	0	1	1		2		0					1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
5	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
6	2	0	2	0	0	0	0	1	0		2		0					1	0			
7	4	0	1	0																		
8	2	0	2	0	0	0	0	1	1		2		0					1	0			
9	4	0	1	0																		
10	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
11	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
12	0																					

Table 63: Restaurant Formula 09: Stain Soak

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	0	1	0	0	0	0	1		1		0					1	2			
2	3	2	5	0	0	0	0	1	1		1		0					1	0			
3	2	0	2	0	0	0	0	1	1		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 64: Restaurant Formula 10: Quick Wash

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S#**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R#**	**E**	**Chem. Dose**
1	2	0	5	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	1	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	3	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	5	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

— End of BICJUP06 —

BICJUP07 (Published) Book specs- Dates: 20070226 / 20070226 / 20070226 Lang: ENG01 Applic: CJF CJV CJH CJM

9. Standard Shirt Laundry Formulas

Table 65: Shirt Laundry Formula 01: Starch/Extract Only

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	0	1		1		5	0	4	0	0	1	0			
2	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
3	0																					

Table 66: Shirt Laundry Formula 02: White (Starch)

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
4	2	0	2	0	0	0	0	1	0		2		0	0				1	0			
5	4	0	1	0																		
6	2	0	2	0	0	0	0	1	1		2		0					1	0			
7	4	0	1	0																		
8	2	0	7	0	0	0	0	0	1		1		3 5	0 0	4 4	0 0	0 0	1	0			
9	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
10	0																					

Table 67: Shirt Laundry Formula 03: Colored (Starch)

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	1	2	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	2	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	7	0	0	0	0	1	1		1		3 5	0 0	4 4	0 0	0 0	1	0			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 68: Shirt Laundry Formula 04: White (No Starch)

Decision																						
Step No.	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
4	2	0	2	0	0	0	0	1	0		2		0					1	0			
5	4	0	1	0																		
6	2	0	2	0	0	0	0	1	1		2		0					1	0			
7	4	0	1	0																		
8	2	0	7	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
9	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
10	0																					

Table 69: Shirt Laundry Formula 05: Colored (No Starch)

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 70: Shirt Laundry Formula 06: Delicates

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	5	0	0	0	0	1	1		2		1	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	1		2		0					1	0			
4	2	0	2	0	0	0	0	1	1		2		0					1	0			
5	2	0	2	0	0	0	0	0	1		2		0					1	0			
6	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	3	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 71: Shirt Laundry Formula 07: Stain Treatment

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	1	0	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
4	2	0	2	0	0	0	0	1	0		2		0					1	0			
5	2	0	2	0	0	0	0	1	0		2		2	0	4	0	0	1	0			
6	4	0	1	0														1	0			
7	2	0	2	0	0	0	0	1	1		2		0					1	0			
8	4	0	1	0														1	0			
9	2	0	4	0	0	0	0	0	1		2		3 4	0 0	4 4	0 0	0 0	1	0			
10	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
11	0																					

Table 72: Shirt Laundry Formula 08: Oxygen Bleach

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	1	3	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	2	0	2	0	0	0	0	1	1		2		0					1	0			
4	2	0	2	0	0	0	0	1	1		2		0					1	0			
5	2	0	2	0	0	0	0	0	1		2		0					1	0			
10	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
11	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
12	0																					

Table 73: Shirt Laundry Formula 09: Stain Soak

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	0	1	0	0	0	1	1		1		0					1	2			
2	3	2	5	0	0	0	0	1	1		1		0					1	0			
3	2	0	2	0	0	0	0	1	1		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 74: Shirt Laundry Formula 10: Extract

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	1	0	0	0	0	1	1		2		0					1	0			
2	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
3	0																					

— End of BICJUP07 —

BICJUP08 (Published) Book specs- Dates: 20070226 / 20070226 / 20070226 Lang: ENG01 Applic: CJF CJV CJH CJM

10. Standard Commercial Laundry Formulas

Table 75: Commercial Laundry Formula 01: Standard Wash

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	6	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	3	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 76: Commercial Laundry Formula 02: Light Soil—White

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	8	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	2	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 77: Commercial Laundry Formula 03: Light Soil—Colored

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	8	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	2	0	0	0	0	1	0		2		2					1	0			
3	4	0	1	0																		
4	2	0	2	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	3	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 78: Commercial Laundry Formula 04: Medium Soil—White

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 79: Commercial Laundry Formula 05: Medium Soil—Colored

Decision Step Number	T	M	M	Q	F	F	F	H	C	3	L	S	C	W	S	S	*	SPD	D	R	E	Chem. Dose
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	7	0	0	0	0	1	0		1		0					1	0			
3	2	0	7	0	0	0	0	1	0		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 80: Commercial Laundry Formula 06: Heavy Soil—White

Decision Step Number	T	M	M	Q	F	F	F	H	C	3	L	S	C	W	S	S	*	SPD	D	R	E	Chem. Dose
1	2	1	0	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
4	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
5	2	0	2	0	0	0	0	1	0		2		0					1	0			
6	2	0	2	0	0	0	0	1	1		2		0					1	0			
7	2	0	2	0	0	0	0	0	1		2		0					1	0			
8	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
9	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
10	0																					

Table 81: Commercial Laundry Formula 07: Heavy Soil—Colored

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	1	0	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
4	2	0	7	0	0	0	0	1	0		1		0					1	0			
5	2	0	2	0	0	0	0	1	0		2		0					1	0			
6	2	0	2	0	0	0	0	1	1		2		0					1	0			
7	2	0	2	0	0	0	0	0	1		2		0					1	0			
8	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
9	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
10	0																					

Table 82: Commercial Laundry Formula 08: Multi-Flush

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	2	0	0	0	0	1	1		2		0					1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
5	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
6	2	0	2	0	0	0	0	1	0		2		0					1	0			
7	4	0	1	0																		
8	2	0	2	0	0	0	0	1	1		2		0					1	0			
9	4	0	1	0																		
10	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
11	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
12	0																					

Table 83: Commercial Laundry Formula 09: Stain Soak

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	0	1	0	0	0	1	1		1		0					1	2			
2	3	2	5	0	0	0	0	1	1		1		0					1	0			
3	2	0	2	0	0	0	0	1	1		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 84: Commercial Laundry Formula 10: Quick Wash

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	5	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	1	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	3	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	5	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

— End of BICJUP08 —

BICJUP09 (Published) Book specs- Dates: 20070226 / 20070226 / 20070226 Lang: ENG01 Applic: CJF CJV CJH CJM

11. Standard Offshore Laundry Formulas

Table 85: Offshore Laundry Formula 01: Standard Wash

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	6	0	0	0	0	1	0		1		1 2	0 0	4	0 0	0 0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	3	0	0	0	0	0	1		1		3 4	0 0	4	0 0	0 0	1	0			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 86: Offshore Laundry Formula 02: Personal Work

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 87: Offshore Laundry Formula 03: Work Clothes—Heavy Soil

Decision																							
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	1	0	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
4	2	0	7	0	0	0	0	1	0		1		0					1	0			
5	2	0	2	0	0	0	0	1	0		2		0					1	0			
6	2	0	2	0	0	0	0	1	1		2		0					1	0			
7	2	0	2	0	0	0	0	0	1		2		0					1	0			
8	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
9	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
10	0																					

Table 88: Offshore Laundry Formula 04: Bed/Bath Linen

Decision																							
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
4	2	0	2	0	0	0	0	1	0		2		0					1	0			
5	4	0	1	0																		
6	2	0	2	0	0	0	0	1	1		2		0					1	0			
7	4	0	1	0																		
8	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
9	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
10	0																					

Table 89: Offshore Laundry Formula 05: Wipes/Kitchen

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	2	0	8	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
4	2	0	6	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
5	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
6	2	0	2	0	0	0	0	1	0		2		0					1	0			
7	4	0	1	0																		
8	2	0	2	0	0	0	0	1	1		2		0					1	0			
9	4	0	1	0																		
10	2	0	3	0	0	0	0	0	1		1		3	0	4	0	0	1	0			
11	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
12	0																					

Table 90: Offshore Laundry Formula 06: Floor Mops

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 91: Offshore Laundry Formula 07: Greasy Rags

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	8	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
2	2	0	2	0	0	0	0	1	0		2		0					1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	2	0	8	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
5	2	0	2	0	0	0	0	1	0		2		0					1	0			
6	4	0	1	0																		
7	2	0	2	0	0	0	0	1	1		2		0					1	0			
8	4	0	1	0																		
9	2	0	2	0	0	0	0	0	1		2		0					1	0			
10	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
11	0																					

Table 92: Offshore Laundry Formula 08: Multi-Flush

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	2	0	0	0	0	1	1		2		0					1	0			
2	2	0	2	0	0	0	0	1	1		2		0					1	0			
3	2	0	2	0	0	0	0	1	0		2		0					1	0			
4	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0	1	0			
5	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0	1	0			
6	2	0	2	0	0	0	0	1	0		2		0					1	0			
7	4	0	1	0																		
8	2	0	2	0	0	0	0	1	1		2		0					1	0			
9	4	0	1	0																		
10	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
11	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
12	0																					

Table 93: Offshore Laundry Formula 09: Stain Soak

Decision Step Number	T	M	M	Q	F	F	F	H	C	3	L	S	C	W	S	S	*	SPD	D	R	E	Chem. Dose
1	2	0	0	1	0	0	0	1	1		1		0					1	2			
2	3	2	5	0	0	0	0	1	1		1		0					1	0			
3	2	0	2	0	0	0	0	1	1		2		0					1	0			
4	4	0	1	0																		
5	2	0	2	0	0	0	0	1	1		2		0					1	0			
6	4	0	1	0																		
7	2	0	4	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
8	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
9	0																					

Table 94: Offshore Laundry Formula 10: Quick Wash

Decision Step Number	T	M	M	Q	F	F	F	H	C	3	L	S	C	W	S	S	*	SPD	D	R	E	Chem. Dose
1	2	0	5	0	0	0	0	1	0		1		1 2	0 0	4 4	0 0	0 0	1	0			
2	2	0	1	0	0	0	0	1	0		2		0					1	0			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0					1	0			
5	4	0	1	0																		
6	2	0	3	0	0	0	0	0	1		1		3 4	0 0	4 4	0 0	0 0	1	0			
7	5	0	5	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

— End of BICJUP09 —

BICJUP10 (Published) Book specs- Dates: 20070226 / 20070226 / 20070226 Lang: ENG01 Applic: CJF CJV CJH CJM

12. Standard Gear Guardian Formulas

Table 95: Gear Guardian Formula 01: Light Soil Turnouts

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0		3			
2	2	0	2	0	0	0	0	1	1		2		0						3			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0						3			
5	4	0	1	0																		
6	2	0	1	0	0	0	0	0	1		2		0						3			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 96: Gear Guardian Formula 02: Heavy Soil Turnouts

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0		3			
2	2	0	2	0	0	0	0	1	0		2		0						3			
3	2	0	7	0	0	0	0	1	0		1		2	0	4	0	0		3			
4	2	0	1	0	0	0	0	1	1		2		0						3			
5	4	0	1	0																		
6	2	0	1	0	0	0	0	1	1		2		0						3			
7	4	0	1	0																		
8	2	0	1	0	0	0	0	0	2		2		0						3			
9	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
10	0																					

Table 97: Gear Guardian Formula 03: Moisture Barriers

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	5	0	0	0	0	1	0		1		1	0	4	0	0		3			
2	2	0	1	0	0	0	0	1	1		2		0						3			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	0	1		2		0						3			
5	5	0	4	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
6	0																					

Table 98: Gear Guardian Formula 04: Breathable Vapor Barriers

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	5	0	0	0	0	1	0		1		1	0	4	0	0		3			
2	2	0	1	0	0	0	0	1	1		2		0						3			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	0	1		2		0						3			
5	5	0	5	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
6	0																					

Table 99: Gear Guardian Formula 05: Oil-contaminated Gear

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	1	0	0	0	0	1	0		1		1	0	4	0	0		3			
2	3	1	5	0	0	0	0	1	0		1		0						3			
3	2	0	2	0	0	0	0	1	0		2		0						3			
4	2	0	7	0	0	0	0	1	1		1		2	0	4	0	0		3			
5	2	0	1	0	0	0	0	1	1		2		0						3			
6	4	0	1	0																		
7	2	0	1	0	0	0	0	1	1		2		0						3			
8	4	0	1	0																		
9	2	0	1	0	0	0	0	1	1		2		0						3			
10	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
11	0																					

Table 100: Gear Guardian Formula 06: Brush Gear

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	8	0	0	0	0	1	0		1		1	0	4	0	0		3			
2	2	0	2	0	0	0	0	1	1		2		0						3			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0						3			
5	4	0	1	0																		
6	2	0	1	0	0	0	0	0	1		2		0						3			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 101: Gear Guardian Formula 07: Hoods and Suspenders

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	6	0	0	0	0	1	0		1		1	0	4	0	0		3			
2	2	0	1	0	0	0	0	1	1		2		0						3			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0						3			
5	4	0	1	0																		
6	2	0	1	0	0	0	0	0	1		2		0						3			
7	5	0	5	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 102: Gear Guardian Formula 08: Truck Towels

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0		3			
2	2	0	1	0	0	0	0	1	0		2		0						3			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0						3			
5	4	0	1	0																		
6	2	0	1	0	0	0	0	0	1		2		0						3			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 103: Gear Guardian Formula 09: Stationwear

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	8	0	0	0	0	1	0		1		1	0	4	0	0		3			
2	2	0	4	0	0	0	0	1	1		1		0						3			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0						3			
5	4	0	1	0																		
6	2	0	1	0	0	0	0	0	1		2		0						3			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

Table 104: Gear Guardian Formula 10: Sheets and Pillowcases

Decision																						
Step Number	**T**	**M**	**M**	**Q**	**F**	**F**	**F**	**H**	**C**	**3**	**L**	**S**	**C**	**W**	**S**	**S**	*****	**SPD**	**D**	**R**	**E**	**Chem. Dose**
1	2	0	7	0	0	0	0	1	0		1		1	0	4	0	0		3			
2	2	0	1	0	0	0	0	1	0		2		0						3			
3	4	0	1	0																		
4	2	0	1	0	0	0	0	1	1		2		0						3			
5	4	0	1	0																		
6	2	0	1	0	0	0	0	1	1		2		0						3			
7	5	0	6	0																	0	
Note: Because TxJ models are equipped with a single extract speed, all extract steps in TxJ models are programmed "T=4."																						
8	0																					

— End of BICJUP10 —