

Supporting the Dependency Diagram



With *Visual* Definitions of Objects &
their Attributes

Definitions



- Workstation
 - an area where work of a particular nature is carried out, such as a specific location on a manufacturing assembly line.
- Visual Documentation
 - A hierarchical breakdown of a workstation into its component parts.
 - Visual Documentation answers the questions: *What is it? Where is It? What Does it Do?*
 - *Allows workers to master the tools necessary to their job*
- Process
 - a series of actions or steps taken in order to achieve a particular end.
- Process Dependency Diagram
 - Shows how successful results can only result from a sequence of successful actions. In other words, “What depends on What”
 - Allows the reader to comprehend an entire process in a single frame *at a given level of detail.*
 - Deeper detail on a specific high level process step is described on a separate sheet, or condensed into concise “factor tables”

An example that illustrates the Idea

Workstation Knowledge is Not the same as Process Knowledge



- The “Kitchen/
Break Room”
 - “Tell me how to
operate the Coffee
pot.”
- The Coffee Process
 - “Tell Me how to
Make Coffee”

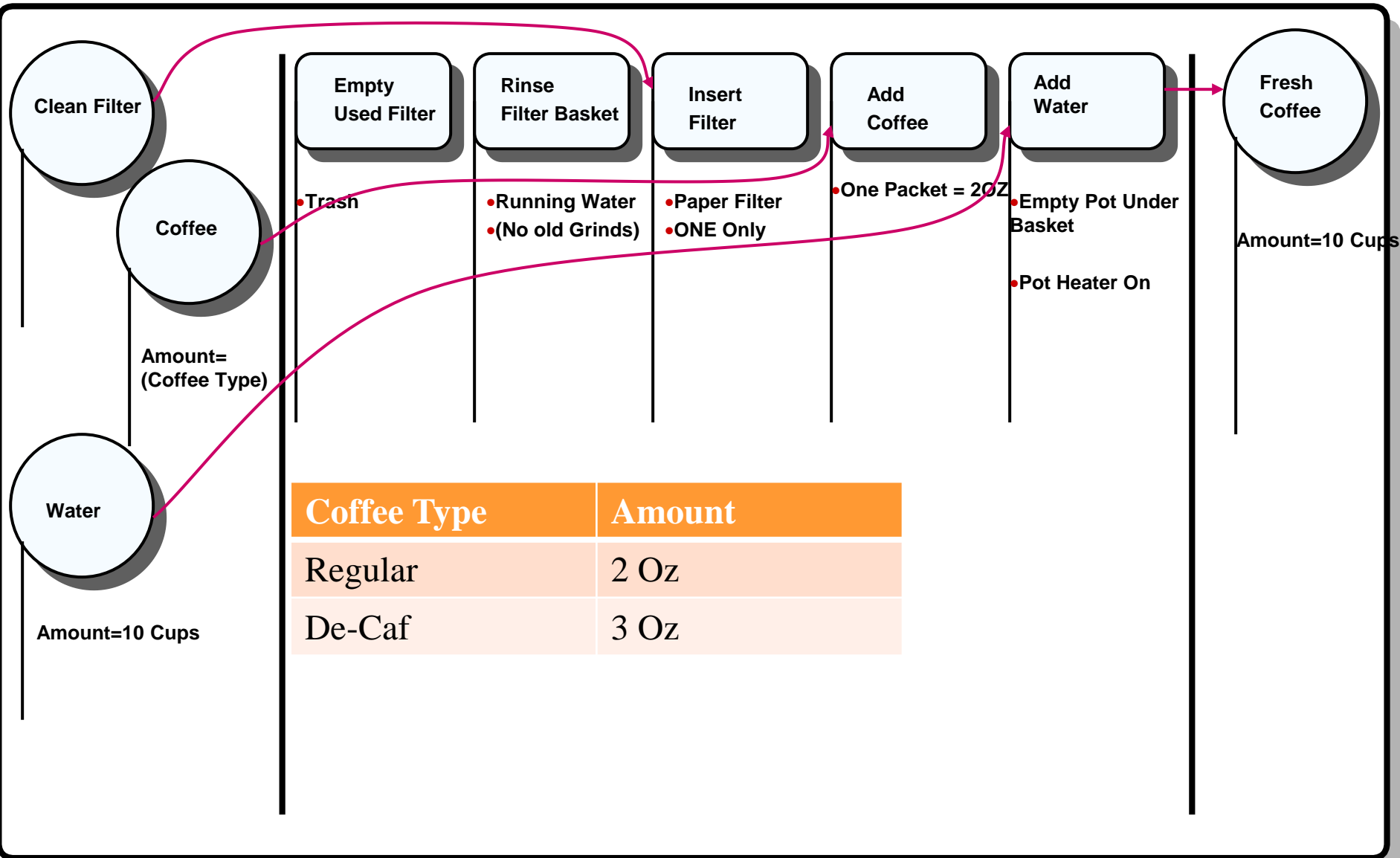
DOCUMENT: _____

REVISION: _____

Coffee Making

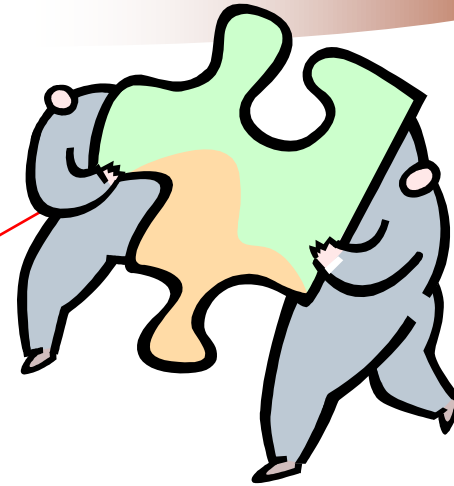
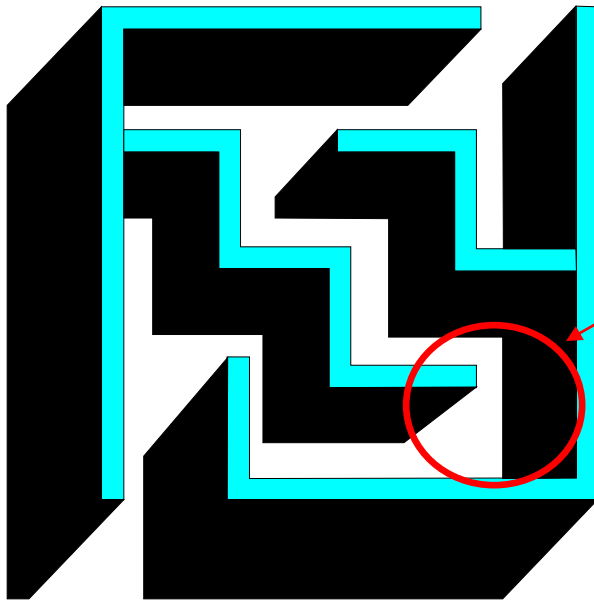
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TIME: _____



The Coffee Machine...

WHAT...IS it?

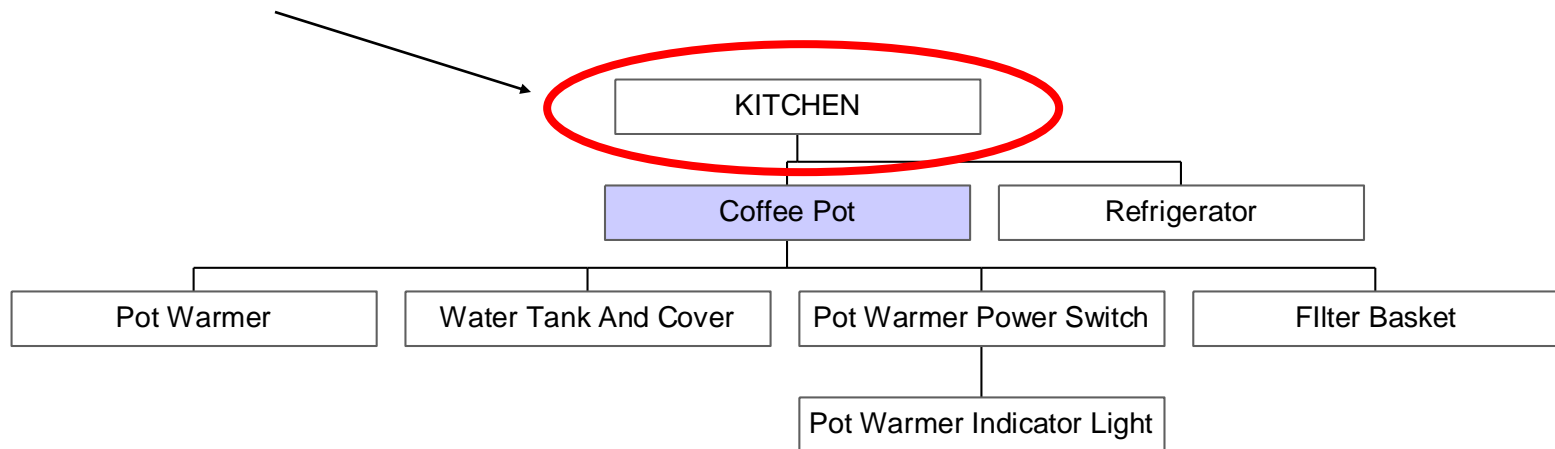


- **WHAT** does it **DO**?

WHERE... is it?

Visual Definition: Coffee Pot

A “Work-center”; home to a process.



Coffee Pot



- Makes Coffee
- Keeps 1 or 2 Pots of Coffee Warm.

Kitchen

Pot Warmer



- Keeps Coffee Pot Warm
- CAUTION: HOT SURFACE!

Coffee Pot

Water Tank & Cover



Coffee Pot



- Heats Clean Water for –1- Pot of Coffee.
- (Adding 1 Pot of Water Forces Hot Water in Tank Through Coffee Filter, into the pot.)

Pot Warmer Power Switch

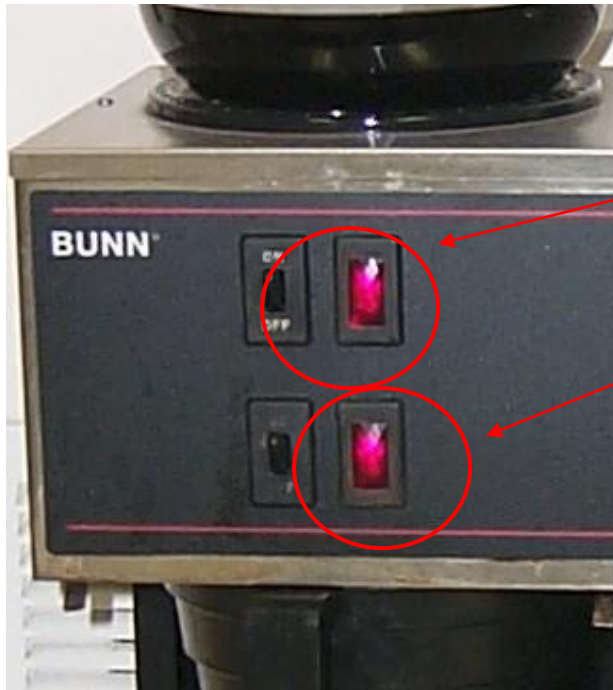


Coffee Pot



- Turns Power on or off to the pot warmers.
- Top Switch Controls Top Warmer.
- Bottom Switch Controls Bottom Warmer.

Pot Warmer Indicator Light



- Glows RED when Pot Warmer Power is ON

Pot Warmer Power Switch

Filter Basket



Coffee Pot



- Holds Coffee Filter & Coffee
- Drips Fresh Coffee directly into Pot