CUSTODIAL SUPPLIES, EQUIPMENT SELECTION AND MAINTENANCE

LAURIE KRUEGER, CUSTODIAL SUPERVISOR KENOSHA UNIFIED SCHOOL DISTRICT

MARTY WHYTE, SENIOR RELIEF HEAD CUSTODIAN KENOSHA UNIFIED SCHOOL DISTRICT

TOPICS OF DISCUSSION

Maintain clean and healthy facilities

What types of products should we be using

What types of equipment should we be purchasing and using

Miscellaneous supplies and equipment

Equipment information and PM's

DISINFECTANTS

REMEMBER: Disinfecting and sterilizing are two different modes of cleaning.

STERILIZING: is a process that rids an article of all living organisms.

DISINFECTING: is a process kills disease producing organisms and is performed using chemicals.

ENVIRONMENTAL PREFERRED PRODUCTS

Green cleaning and what does that mean...

Equipment selection with green options...

Chemicals? Equipment? Water?















**Know if your District has policies for green products. 4

PETERGENT TYPES

IONIC DETERGENTS: Are charged and can be either negatively (anionic) or positively (cationic) charged.

NON-IONIC DETERGENTS: Have no charge on the water end which helps make them superior as an oily soil emulsifiers.

Examples: Oxi-clean, Prominence, Borax, GP Forward, Degreasers, Glass cleaners.

ANIONIC DETERGENTS: When the surfactant consists of negatively charged group like sulphonate, sulphate and carboxylate.

Examples: High foaming hand soaps, carpet cleaners.

PETERGENT TYPES Continued

<u>CATIONIC (Quats):</u> Have positively charged ends which makes them great for fabric softeners, disinfectants and cleaners.

Examples: Virex, Triad, Morning Mist, E-23 Disinfectant

<u>HYDROGEN PEROXIDES:</u> Leaves no residue. Short contact time. Hospital grade cleaner and disinfectants.

Examples: Alpha HP, Oxivir, E-15 Hydrogen Peroxide Cleaner

TYPES OF CLEANING SUPPLIES





Glass Cleaner

Disinfectants

Multi-purpose Cleaner







Degreaser: Kitchen, Auto shop



Know what type you have: low or high acid Use proper PPE!!



Quaternary Disinfectant: Bathrooms, Special Ed, K-Grade

USING CLEANING CHEMICALS

Optimum Dilutions

Light Duty

Normal Duty

Heavy Duty

A little is good, More is better.....(or is it)?

USING CLEANING CHEMICALS

Use proper Personal Protective Equipment (PPE)

Label containers...Use approved sticky labels. NO NOT use masking tape and permanent markers!

Use appropriate chemicals for appropriate job. Only mix what you need.

Follow manufacturer's dilution rates.

Be aware of SDS sheets and know their locations

NEVER MIX CLEANING PRODUCTS TOGETHER!!









Ready-To-Use (RTU) vs Concentrated

RTU

- Convenient
- More expensive (Shipping water, bottles, labels)
- No worry about improper dilutions





Concentrated

- Economical
- Better for mop buckets, auto scrubbers etc.
- Less waste, if follow correct dilution.
- Dilution Concerns (Glug, Glug)

THINGS TO KNOW

Test products you may want.

Develop criteria and standardize District's wants

Have a plan in place for introducing new products

Standardize products throughout your district

Use a vendor that provides dilution stations. Have the vendor install stations and train employees.

Is plumbing up to code for dilution stations?

Are back-flow preventers required?

FLOOR CLEANING PRODUCTS

Neutral Cleaner

Stripper

Sealer...if still used

Wax...gloss/matte

Crystal shield products

Polished concrete

Twister Pads Intelli Pads

Carpet extractor

Gear purchases to your type of floor maintenance



Hydro Link battery filling system

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Intellibot Robotic Scrubbers



Omni-Flex



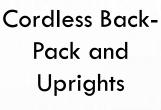








Corded Backpack







Robotic vacuuming







Traditional mopping system



Hygienic mopping system

Traditional mopping to micro fiber



Dirty Rag to micro fiber table top kits





LAWN EQUIPMENT CONTINUED







SNOW REMOVAL EQUIPMENT CONTINUED





EQUIPMENT INFORMATION & PM's

Example 1:

Equipment	Brand Name	Model	Serial #	Purchase Date
Rider Scrubber	Nobles	Speed Scrub, 28"	612219-	May 16, 2014
Kidel Sciobbei	1400103	opeca ocros, 20	10227796	maj 10, 2014
Walla Dalahad	NI. I. I.		612310-	M. 17 2014
Walk Behind	Nobles	ecH2O nano, 26"	10456845	May 16, 2014
Upright Vacuum	Advance	VU500	12-889566	May 16, 2014

Date	Equipment Name	PM completed	Parts Replaced
May 23, 2014	Nobles Speed Scrub, 28"	Checked and filled batteries, cleaned screens	None
May 23, 2014	Nobles ecH2O nano, 26"	Checked and filled batteries, cleaned screens	None
June 16, 2014	Advance upright vacuum	Checked belts and brushes	Changed brushes

EQUIPMENT INFORMATION& PM's CONT.

Example 2:

EQUIPMENT INFORMATION AND PM's

Equipment Type: Riding scrubber

Brand Name: Nobles

Model: Speed Scrub 28"

Serial #: 612219-10227796

Purchase Date: May 16, 2014

Fulchase Date. May 10, 2014						
Date	PM Performed	Parts Replaced	Initials			
5/23/14	Checked batteries, cleaned screens	None	LK			
5/30/14	Checked batteries, filled, cleaned screens	None	LK			
6/6/14	Checked batteries, cleaned screens	Replaced lower screen	LK			

