

Cleaning in Local Authority Environments

Delia Cannings - Environmental Excellence Training & Development Ltd.



Is Cleaning a Science ?



Changing Times

From hands and knees.....

to using these.....



robotics.....

Oh Please !!



Cleaning Compliance

- ▶ Chemical Competence
- ▶ Risk Assessments
- ▶ Cleaning Schedules
- ▶ Method Statements/SOPs
- ▶ COSHH
- ▶ PAT Testing



The Four T'S

- ▶ Time to do the job correctly
- ▶ Tools to do the job effectively
- ▶ Techniques to avoid redistribution of soil
- ▶ Training to ensure compliance as well as best practice values



Different Standards?

Tools required to monitor the standard across a number of environments may include:

- ▶ Cleaning Specification
- ▶ Cleaning Schedules
- ▶ Audit Mechanisms
- ▶ Audit Reports
- ▶ Training Records
- ▶ COSHH, Risk Assessments, Standard Operating Procedures



Healthcare Environments

Tools which contribute to effective cleaning within healthcare environments :

- ▶ NHS National Specification for Cleanliness 2007
- ▶ Knowledge of Risk Categories
- ▶ Cleaning Schedules - visual to the public
- ▶ Auditing Tool - comprising of 49 elements



Healthcare Environments

Tools which contribute to effective cleaning within healthcare environments :

- ▶ Infection Prevention & Control Policy
- ▶ Colour Coding Policy
- ▶ Mandatory Training Compliance
- ▶ Training Records
- ▶ COSHH, Risk Assessments, Standard Operating Procedures



Competence and Compatibility

An understanding of the safe use of cleaning agents and the associated behaviours - will culminate in safe practices and competent operators.

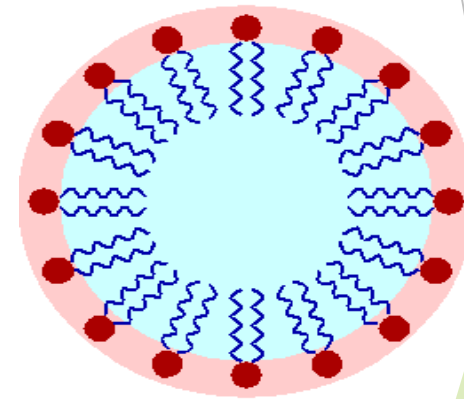


Surfactants

- ▶ Most important ingredient in a cleaning agent
- ▶ Changes the way a liquid behaves
- ▶ Attracted to soil particles and surfaces
- ▶ Break up and help remove soil from a surface
- ▶ Hold dirt in suspension

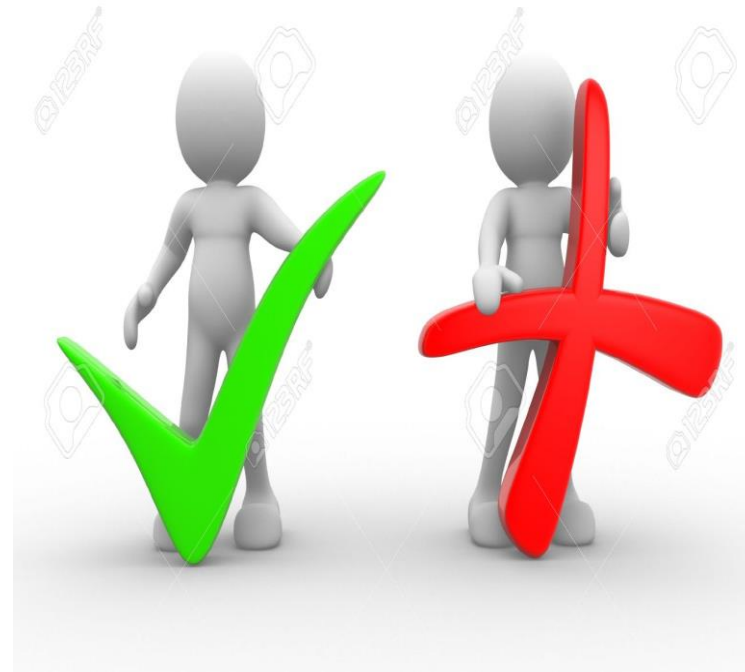
Cleaning agents

- Surfactants
 - Head is Hydrophobic
 - Tail is Hydrophilic
- One end of their molecule is attracted to water
- The other end is attracted to dirt and grease.
- The surfactant molecules help water to get a hold of grease, break it up, and wash it away.



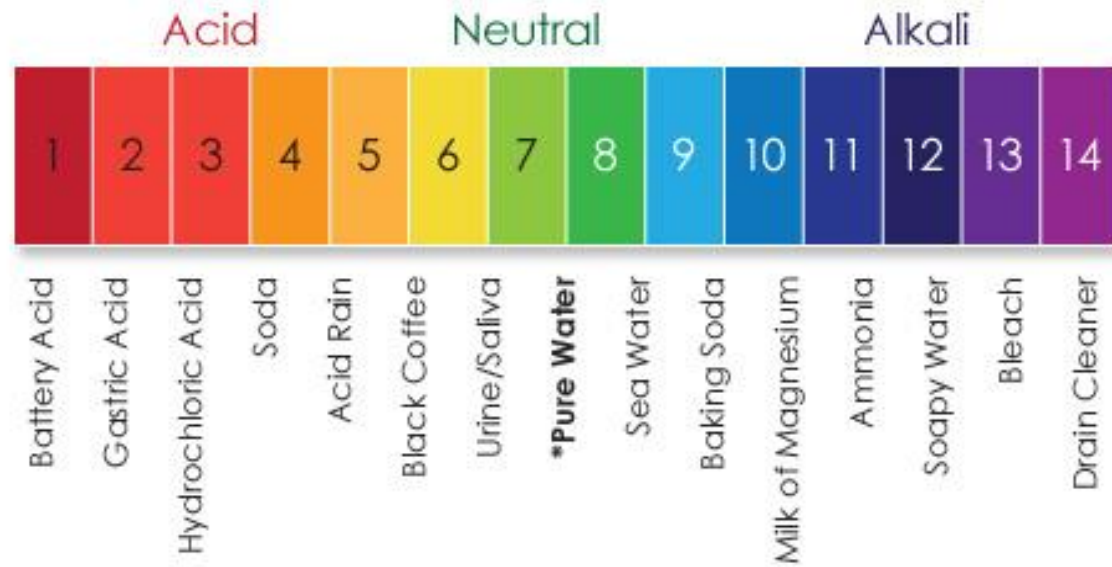
Health Surveillance

- ▶ Use of cleaning agents
- ▶ Use of Chlorine based products
- ▶ Recent publicity - negative
- ▶ Court cases - fines - damaged reputation



Ph Scale

Acidic and Alkaline are two extremes that describe a chemical property in chemicals. Mixing acid and alkaline can cancel out or neutralize their extreme effects. A substance that is neither acidic alkaline is neutral. The pH scale measures how acidic or alkaline a substance maybe
The pH scale ranges from 0 to 14



Dilution Rates

Water					
litres	0.5	1	2	5	10
millilitres	500	1000	2000	5000	10000
Dilution Rate					
01:10	50ml	100ml	200ml	500ml	1000ml
01:20	25ml	50ml	100ml	250ml	500ml
01:30	16ml	33ml	66ml	165ml	330ml
01:40	13ml	25ml	50ml	125ml	250ml
01:50	10ml	20ml	40ml	100ml	200ml
01:60	8ml	16ml	33ml	83ml	166ml
01:80	6ml	13ml	25ml	63ml	125ml
01:100	5ml	10ml	20ml	50ml	100ml
01:150	3ml	7ml	13ml	33ml	67ml

Colour Coding

The professional cleaning industry has a widely used colour-coding system for all relevant cleaning equipment which should be used in the areas identified by the various colours used, these being Blue, Green, Red and Yellow.



Government Interests

- ▶ Invisible work force report
- ▶ Working in the UK
- ▶ Dignity & Respect in the Cleaning Industry
- ▶ Training Levy
- ▶ Apprenticeships



Benefits to the service ?

- ▶ Service Level Agreement - SMART
- ▶ Existing contracts retained
- ▶ New contracts awarded
- ▶ Compliance evident
- ▶ Reputation enhanced
- ▶ Consistency in Service Delivery
- ▶ Cleaning - teams profile raised
- ▶ Success





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