

National Facilities Management Services Workshop

“Cleaning is a Science!”

28th January 2010



formerly Sutton Coldfield & Matthew Boulton Colleges

Awarding Winning Vocational Science Team

Alaco Millard

Head of School

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Lecturer

Accolades

- Vileda Award for Excellence in NVQ's
- British Institute of Cleaning Science for
- Eric Hill Memorial Award for City & Guilds
- The Queens Anniversary Prize for Higher and Further Education

Awarding Bodies

- City & Guilds
- Chartered Institute of Environmental Health
- British Institute of Cleaning Science

The Cleaning Industry

Why Do We Need To Clean?

We Clean

- To remove/reduce micro-organisms
- To preserve the quality of our surroundings
- To provide a socially acceptable environment
- To provide a safe environment without hazard
- Reduce and control the levels of dust

Dust

- Dead skin
- 7 million flakes
- 28 days
- Microbes
- MRSA

Who was in your bed last night?

Perception

- Publicity
- Public opinions
- Cleaning – Smells/Shiny

Cleaning is a Science!

- Scientific knowledge & techniques
- Responsible for the health of the nation

Micro organisms

Bacteria
Viruses

Changes

- Evolution & life styles
- Over use of antibiotics
- Over use of disinfectants

Chemicals

- Acids – inorganic
- Alkaline – organic
- Surfactants
- Bleach

Knowledge & Understanding

- Decontamination Process
- Step 1 - Cleaning
- Step 2 - Disinfection
- Step 3 - Sterilisation

Technology

- Microfibre
- Steam
- Robotics
- Ergonomics & design

Management of the risks

Risks

- Health
- Accidents/injury
- Death
- Litigation

Invisible hazard

- Hepatitis B
- Symptoms
- It is 100 times more infectious than HIV
- Vaccine cannot cure Hep B, but it can prevent it.

Management

- Vaccinations
- COSHH
- Health & Safety
- Manual Handling
- PPE
- Risk assessments
- Training programmes

Training

Augmenting the core service

Its only cleaning!

COLOUR CODING FOR HYGIENE (BICSc)

**SANITARY APPLIANCES AND
WASHROOM FLOORS**

**GENERAL LOWER RISK AREAS
(excluding food areas)**

GENERAL FOOD AND BAR USE

**WASH BASINS AND OTHER
WASHROOM SURFACES**

What does your equipment say!

Pseudomonas

Storage

Training

SMART

- S - specific
- M - measurable
- A - achievable
- R - relevant
- T - time bound

Checklist

- Legislation
- Compliance
- Innovation
- Training
- Raising the profile