

HEAT TREATMENT EQUIPMENT: TYPES, COSTS, BENEFITS AND LIMITATIONS.

PRESENTED BY
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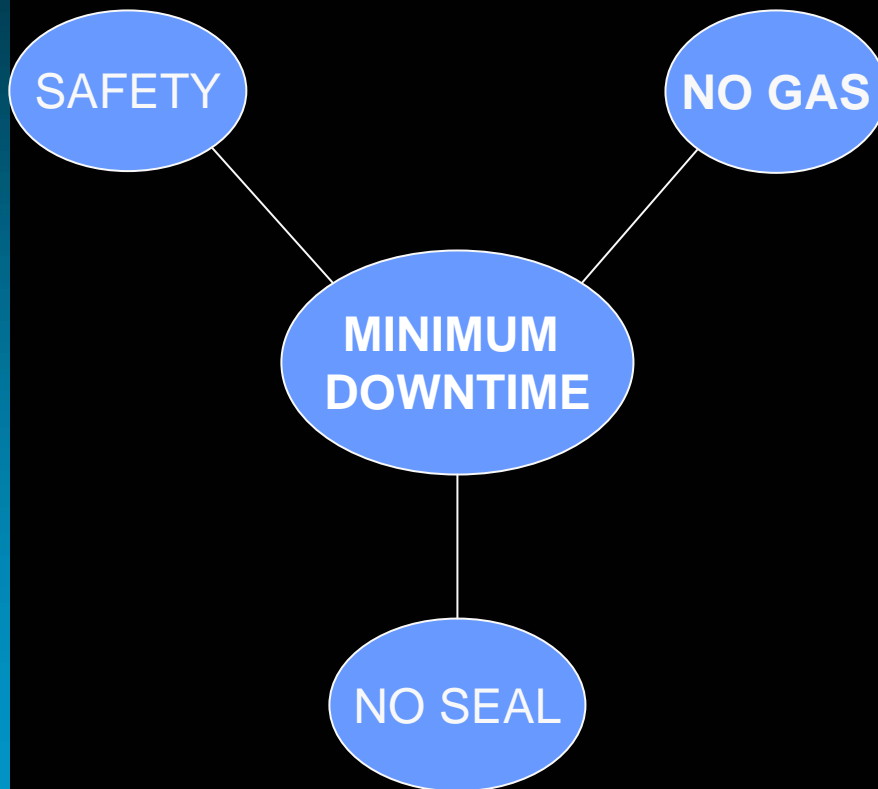
SLOW AND EASY IS THE KEY TO
A SUCCESSFUL HEAT
TREATMENT.

Objective

- TO ASCERTAIN THE BENEFITS OF THERMAL HEAT TREATMENTS.
- THERMAL HEAT TREATMENTS OFFER:
WORKER SAFETY.
SELECTIVE TREATMENT AREAS.
COST EFFECTIVE TREATMENTS.
NO TOXIC RESIDUES.
TIME AND LABOR SAVINGS.

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BENEFITS AND MORE BENEFITS



- NO TAPE AND SEAL. AIR DISPLACEMENT IS REQUIRED TO ENSURE AN EVEN CONTROLLED TREATMENT
- NO TOXIC GASES MEANS NO RESIDUES = IMPROVED FOOD QUALITY

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Meeting the Needs

- INDUSTRY DEMANDS FOR EFFECTIVE ALTERNATIVES HAVE CREATED MANY NEW AREAS OF RESEARCH AND DEVELOPMENT.

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Meeting the Needs

- THE MOST PROMISING BEING PORTABLE STEAM HEATERS PRODUCING HIGH BTU OUTPUT FROM EXISTING STEAM SYSTEMS OR A PORTABLE STEAM GENERATOR.

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EQUIPMENT TYPES

- PROPANE HEATERS - COST EFFECTIVE, SAFE, RELIABLE, EASY MAINTENANCE.

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EQUIPMENT TYPES

- ELECTRIC HEATERS - COSTLY TO RUN, PRODUCE LOW TEMPERATURES.

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EQUIPMENT TYPES

- NATURAL GAS HEATERS - NEW PROPANE HEATERS ARE MANUFACTURED WITH A SIMPLE SYSTEM TO CHANGE FROM PROPANE TO NATURAL GAS.

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EQUIPMENT TYPES

STEAM HEATERS –

PORTABLE STEAM HEATERS ARE STILL IN THE DEVELOPMENT STAGES, STEAM DOES OFFER MANY ADDITIONAL AREAS FOR SAFER USE.

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LIMITATIONS WITH THE USE OF THERMAL HEAT.

THERE ARE FEW WHEN IT COMES TO THE USE OF THERMAL HEAT:

- AREAS WHERE SUGAR IS LEFT:
NOTE: MACHINERY.
- SOFT GOODS SUCH AS CHOCOLATE
- MACHINES THAT DO NOT HAVE SEALED BEARINGS
- AREAS THAT CONTAIN SOLVENTS AND LIQUID OXYGEN.
- LOW TEMPERATURE TOLERANCE SPRINKLER HEADS.

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LIMITATIONS CONTINUED

- CANNED FOODS
- WINES AND SPIRITS
- WAXES AND INKS
- GLUES AND LABELS
- LACQUERED SURFACES
- HOLLOW (CORE) DOORS
- DOUBLE GLAZED WINDOWS

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COST COMPARISONS

- EQUIPMENT PURCHASE AND LICENCE AGREEMENT: OFFER LONG TERM ADVANTAGES.

- NOTE: CONTINUED TRAINING REQUIREMENTS.

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COST COMPARISONS

- THE USE OF A LICENCED SUPPLIER: OUTSIDE AGENTS NEED TO CONFORM TO THE VARIOUS STATE PEST CONTROL LICENCING REGULATIONS.

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COST COMPARISONS

- IT'S NOT THE COST THAT MATTERS IT IS THE QUALITY THAT COUNTS, REMEMBER THE HUMAN FACTOR.

SLOW AND EASY IS THE KEY TO
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TREATMENT.

THIRD STORED PRODUCT PEST
MANAGEMENT AND HEAT TREATMENT
WORKSHOP PRESENTATION PREPARED

BY

RONALD J GRINHAM

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FOR

WORLD WIDE ALTERNATIVE PEST
ELIMINATION SYSTEMS INC.

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Questions

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