

FILE NAME: Square D (SQD)

DATE: 2014

DOC#: SQD018

DOCUMENT DESCRIPTION: Legal – Deposition of Redfield for Square D –
App#13

R E S U L T S : ASBESTOS

<u>Plant</u>	<u>Description</u>
Emmaus	Asbestos based pipe wrap. Usage is minimal, most replaced over years with approved substance. Future disposal will be in accordance with regulations.
Cedar Rapids	Motor clutch assembly fiber. Finished fiber-type clutch part. No work done on part, assembled in finished form. Small quantity job. If broken part - disposed of as everyday trash into trash compactor. 1A arc shield. Fiber barrier guard in breaker behind arc stack. No work done on part. Minimal waste into trash compactor.
Huntington	Quin-T cardboard tubing (Parabestos 4500), layer paper and temperature insulator barriers. Wastes involved: shavings and thin strips. Disposed of with other trash. Quin-T has taken airborne samples-no hazards.
Milwaukee	Winding coils and asbestos washers. Disposed of per regulation.

SURVEYPrecautions/Suggestions Of Action

No precautions or measurements.

- 1) Replace all now
- 2) Verify P.P.E. to be used in future replacement

No precautions or measurements. Substitute material being investigated, looks probable.

- 1) Follow up on substitute
- 2) Change disposal procedure

No precautions. Substitute being investigated, replacement probable.

- 1) Follow up on substitute
- 2) Change disposal procedure

No other precautions. Substitute considered but high expense.

- 1) Institute P.P.E. usage
- 2) Airborne concentration measurement
- 3) Change disposal procedure

All precautions taken. Airborne levels annually. Substitute considered.

- 1) Follow up on substitute

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EXHIBIT

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R E S U L T S : ASBESTOS SURVEY

<u>Plant</u>	<u>Description</u>	<u>Precautions/Suggestions Of Action</u>
Missouri	Asbestos in molding of breakers. Manufacturer states EPA does not consider hazardous waste as generated. No air-borne level check. Yes P.P.E. and ventilation. Wastes disposed of in local landfill. Unclear as to whether or not it's approved site.	Substitute considered. 1) Follow up on substitute 2) Check if approved disposal site
Lincoln	Plenco 509-120 and 130 flow powder. Used in cold powder compression, screw preheated compression and screw transfer processes. Currently disposed of in landfill. RCRA reviewing to determine if proper disposal.	Airborne concentrations tested quarterly. Employees working with are given annual physicals. Currently testing replacement. 1) Follow up on substitute
Sorgel-Milwaukee	Quinongo bonded paper. Sheared and wound into transformer coils.	Airborne level test 2/26/80. Amount of test time 120 min. Yes P.P.E. No medical surveillance. Disposal per state and federal law. Substitute considered. 1) Follow up on substitute 2) Airborne concentration measurement
Clearwater	Parasbestos core tubes. Used making coils or multiple winding machine. Disposal of dust and pieces in regular trash. Not aware of approved waste sites. Statement by manufacturer that resin bound, minimal dust?	No precautions other than dust mask for those cutting tubes. Considered replacing but high expense. 1) Airborne concentration measurement 2) Additional P.P.E. or ventilation 3) Change in disposal procedure

R E S U L T S : A S B E S T O S

<u>Plant</u>	<u>Description</u>
Spokane :	Asbestos blankets. To protect core and coil assemblies during welding. Disposed per normal waste. Blanket life - two months.
Raleigh	Phenolic or melamine cold molded parts with asbestos filler. Assembled into finished devices or part of parts kit. 90% of parts are spare parts for obsolete devices. No waste. If totally enclosed, no danger.
Sorgel-Oshkosh	Quintex-SF layer insulation for transformer coils. Cut to length for insertion by winders in coil winding process. Wastes in sealed bags to landfill.

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SURVEYPrecautions/Suggestions Of Action

No precautions. Substitute consideration in process.

- 1) Follow up on substitute
- 2) Institute P.P.E. use
- 3) Change in disposal procedure

Suppliers of "active" part numbers seeking replacements.

No action.

Airborne levels tested 3/31/77. No precautions. Sorgel-Milwaukee considering substitute which would remove asbestos from Oshkosh. Cutting area dusted and wiped monthly.

- 1) Follow up on substitute
- 2) Airborne concentration measurement
- 3) Institute use of P.P.E., ventilation
- 4) Check if approved disposal method/site