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## PLASTIC MANUFACTURING QUESTIONNAIRE

Name of Agent: \_\_\_\_\_

Applicant: \_\_\_\_\_

Processing methods used:  Blow Molding       Extrusion       Injection Molding  
 Compression Molding       Thermoforming       Lay up Molding  
 Calendering       Other: \_\_\_\_\_

Detailed description of manufacturing process:

Type of plastics:  Type 1 (PVC, teflon, metamine, fomica & phonetics, other: \_\_\_\_\_ )  
 Type 2 (polyurethane, cellulose acetate & polypropylene, rubber, other: \_\_\_\_\_ )  
 Type 3 (cellulose nitrate, pyroxylin & nitrocellulose, other: \_\_\_\_\_ )

Is process automated, computer-operated or manual? \_\_\_\_\_

Plastic resins used:  Pellets     Flakes     Granules     Powders     Liquid     Paste  
 Other: \_\_\_\_\_

Are electrical equipment and wiring explosion proof? .....  Yes     No

Are all process equipment grounded and bonded? .....  Yes     No

Does the equipment have automatic shut off? .....  Yes     No

What is the age of the processing equipment? \_\_\_\_\_

Describe any obsolete, imported or custom-made equipment: \_\_\_\_\_

What is the inspection and servicing schedule for equipment (including conveyors, hydraulic lines, etc.)?  
\_\_\_\_\_

How often is the electrical equipment and wiring inspected and serviced by a licensed professional?

Are you in compliance with NFPA 70 on electrical codes? .....  Yes     No

Are you in compliance with NFPA 77 on static electricity? .....  Yes     No

Does the production machinery have dust tight seals and explosion venting? .....  Yes     No

Do you have trained in house fire brigade? .....  Yes     No

What is the response time from the Fire Department? \_\_\_\_\_

Do you have your own water source on site? .....  Yes  No

If yes, describe: \_\_\_\_\_

Do you have your own fire-fighting equipment on site? .....  Yes  No

If yes, describe: \_\_\_\_\_

Are there grinding or finishing operations? .....  Yes  No

If yes, is there a shield guard? .....  Yes  No

Please provide details on these operations:

Are there painting or laminating operations? .....  Yes  No

U/L approved paint booth? .....  Yes  No

If no paint booth, describe how it is controlled: \_\_\_\_\_

Are there welding operations? .....  Yes  No

If yes, are hot work permits obtained? .....  Yes  No

**Storage of Raw Material:**

Is storage of raw material separated from production or finished product? .....  Yes  No

If yes, by:  Firewalls  Separate Building  Other: \_\_\_\_\_

What is the average size of stockpiles? \_\_\_\_\_

**Storage of Chemicals, Flammables or Solvents, etc.:**

Is storage separated from all other operations? .....  Yes  No

If yes, by:  Firewalls  Separate Building  Other: \_\_\_\_\_

What additives and catalysts are used? \_\_\_\_\_

What other flammables, chemicals or solvents are used? \_\_\_\_\_

Quantity of each? \_\_\_\_\_

Container type, size and number of gallons? \_\_\_\_\_

Are Material Data Safety Sheets on file and available? .....  Yes  No

Finished product: \_\_\_\_\_

Are all 55 gallon drums storing chemicals properly grounded? .....  Yes  No

Is only a single day's supply stored on the premises? .....  Yes  No

If no, how much? \_\_\_\_\_

Is storage area properly ventilated? .....  Yes  No

If no, what kind of ventilating is used? \_\_\_\_\_

Are you in compliance with NFPA 30 standards? .....  Yes  No

**Storage of Finished Product:**

Is storage of finished products separated from the production area? .....  Yes  No

If yes, by:  Firewalls  Separate Building  Other: \_\_\_\_\_

What is the average size of the stockpiles? \_\_\_\_\_

\_\_\_\_\_