



PLASTIC MANUFACTURING QUESTIONNAIRE

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, pryroxylin & 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?
