

operation excluding any time during which the equipment is idle. For continuous processes, the process weight rate shall be determined by dividing such actual weight or engineering approximation thereof by the number of hours in one complete operation, excluding any time during which the equipment is idle.

"Production Equipment Exhaust System": a system for collecting and directing into the atmosphere emissions of volatile organic material from reactors, centrifuges and other process emission sources.

"Publication Rotogravure Printing": rotogravure printing upon paper which is subsequently formed into books, magazines, catalogues, brochures, directories, newspaper supplements or other types of non-packaging printed materials.

"Reactor": a vat, vessel or other device in which chemical reactions take place.

"Reasonably Available Control Technology (RACT)": the lowest emission limitation that an emission source is capable of meeting by the application of control technology that is reasonably available considering technological and economic feasibility.

"Refinery Fuel Gas": any gas which is generated by a petroleum refinery process unit and which is combusted at the refinery, including any gaseous mixture of natural gas and fuel gas.

"Refinery Unit, Process Unit or Unit": a set of components which are a part of a basic process operation such as distillation, hydrotreating, cracking or reforming of hydrocarbons.

"Residual Fuel Oil": fuel oils of grade numbers 4, 5 and 6 as specified in detailed requirements for fuel oils A.S.T.M. D-396-69 (1971).

"Restricted Area": the area within the boundaries of any "municipality" as defined in the Illinois Municipal Code, plus a zone extending one mile beyond the boundaries of any such municipality having a population of 1000 or more according to the latest federal census.

"Ringelmann Chart": the chart published and described in the Bureau of Mines, U.S. Department of Interior, Information Circular 8333 (Revision of IC7718) May 1, 1967, or any adaptation thereof which has been approved by the Agency.

"Roadway": any street, highway, road, alley, sidewalk, parking lot, airport, rail bed or terminal, bikeway, pedestrian mall or other structure used for transportation purposes.

"Roll Printing": the application of words, designs and pictures to a substrate usually by means of a series of hard rubber or metal rolls each with only partial coverage.

"Rotogravure Printing": the application of words, designs and pictures to a substrate by means of a roll printing technique in which the pattern to be applied is recessed relative to the non-image area.

"Safety Relief Valve": a valve which is normally closed and which is designed to open in order to relieve excessive pressures within a vessel or pipe.

"Sandblasting": the use of a mixture of sand and air at high pressures for cleaning and/or polishing any type of surface.

"Set of Safety Relief Valves": one or more safety relief valves designed to open in order to relieve excessive pressures in the same vessel or pipe.

"Sheet Basecoat": a coating applied to metal when the metal is in sheet form to serve as either the exterior or interior of a can for either two-piece or three-piece cans.

"Shotblasting": the use of a mixture of any metallic or non-metallic substance and air at high pressures for cleaning and/or polishing any type of surface.

"Side-Seam Spray Coat": a coating applied to the seam of a three-piece can.

"Smoke": small gas-borne particles resulting from incomplete combustion, consisting predominantly but not exclusively of carbon, ash and other combustible material, that form a visible plume in the air.

"Smokeless Flame": a combustion unit and the stack to which it is affixed in which organic material achieves combustion by burning in the atmosphere such that the smoke or other particulate matter emitted to the atmosphere from such combustion does not have an appearance, density or shade darker than No. 1 of the Ringelmann Chart.

"Solvent Cleaning": the process of cleaning soils from surfaces by cold cleaning, open top vapor degreasing or conveyorized degreasing.

"Specialty High Gloss Catalyzed Coating": commercial contract finishing of material prepared for printers and lithographers where the finishing process uses a solvent-borne coating, formulated with a catalyst, in a quantity of no more than 12,000 gallons/year as supplied, where the coating machines are sheet fed and the coated sheets are brought to a minimum surface temperature of 190°F., and where the coated sheets are to achieve the minimum specular reflectance index of .65 measured at a 60 degree angle with a gloss meter.

"Splash Loading": a method of loading a tank, railroad tank car, tank truck or trailer by use of other than a submerged loading pipe.

"Stack": a flue or conduit, free-standing or with exhaust port above the roof of the building on which it is mounted, by which air contaminants are emitted into the atmosphere.

"Standard Conditions": a temperature of 70°F and a pressure of 14.7 pounds per square inch absolute (psia).